**Appropriations Committee Testimony**

**President Susan Herbst**

**University of Connecticut**

**-February 24, 2015-**

Co-Chairs, Ranking Members, and members of the Committee, thank you for inviting us here, and for all of your support for the University of Connecticut.

With me today is Dr. Andrew Agwunobi, our interim Executive Vice President for Health Affairs at UConn Health, Wayne Locust, our Vice President for Enrollment, Scott Jordan, our Chief Financial Officer, and Sally Reis, our Vice Provost.

I will be speaking first today about the university as a whole and then turn it over to Dr. Agwunobi to discuss UConn Health specifically.

Let me begin with what I think we all agree is the most pressing issue.

The size of the deficit that the state expects to face next year is well known and I know that closing it will be an incredible challenge for the governor and the General Assembly.

That said, the recommended budget released last week proposes to make a severe cut to UConn's state appropriation, which, if enacted, would create a gap of roughly $40 million between the state funding needed to operate the university next year, and what the university would actually receive.

A reduction to the appropriation in that amount would without question have a devastating impact on every aspect of university operations, faculty teaching and research, and student success.

It would go a long way toward undoing the immense progress that has been made at UConn over two decades and begin the process of hollowing-out the major investments Connecticut has made in UConn during that time.

The greatest consequences of this would be the effect it would have on our students, our academic programs and the role UConn must play in the state's future, economic and otherwise.

It would be a giant step backward.

I want to make it clear that we at UConn will strive to be the great university that Connecticut deserves, no matter what. That's our job. But we need the tools to do it.

When faced with more modest reductions in recent years, the university has closed deficits through institutional cost cutting – always working to protect the academic core – and by reallocating one-time funds, as we did in the most recent fiscal year.

At this point, there are no useable one-time funds left that could even begin to close a financial gap of that size.

To put this in perspective, the prospective reduction in the state block grant this year alone represents slightly more than the entire operating budget of the School of Engineering or the combined operating budgets of the Schools of Law, Nursing and Social Work.

To address the gap this would create, our cost-savings and revenue options will include: strategic workforce reductions and, to the extent permitted by collective bargaining obligations, unpaid furlough days for all employees including management and unionized workers, reductions to student financial aid, closing academic departments and programs – including in Storrs and the regional campuses – and ending certain degree programs.

Any cost cutting will be guided by one key principle: the need to protect core academics and teaching excellence, in particular. This means doing all we can to fund high-performing faculty and research and keep our course offerings and availability up for students in critical fields. This helps students get the courses they need, when they need them, so they can graduate on time. This approach is intended to protect overall academic quality. That is what brings great students and faculty to UConn in the first place, and we cannot sacrifice it.

What are the outcomes of state investment over two decades that are now at risk?

While enrollments at many other private and public universities and colleges in the region are on a downward trajectory, mirroring demographic trends, the opposite has been true at UConn.

In the fall of 1995, UConn received about 10,800 applications. This year, it was more than 32,000, an increase of 198%. More importantly, the academic quality and diversity of our applicants and our students continues to rise. In that time, enrollees' SAT scores have shot up by over 120 points. And about one third of students in our most recent freshmen class are members of minority groups. In 1995, that number was 15%.

In each of the last three years, each freshmen class the university has enrolled has been more academically qualified and diverse than the class that came before it – with the most recent being the best in the history of the university. We are home to more honors students, valedictorians and salutatorians than ever before.

UConn is keeping the state's best students here in Connecticut, helping to reverse what is often called the "brain drain."

At UConn, our freshmen retention rate is 93%, including for minority students. That is well above the national average of 61%.

Our six-year graduation rate – which is the standard measure – is 81%, and is 78% for minority students, which are among the very highest rates in the entire nation, and far above the national average of 57%.

Our average time to a degree is 4.2 years, which is also among the best in the nation.

And in addition to the percentage rates, the actual numbers themselves continue to rise. In 1995, UConn awarded about 4,700 degrees. This year, that number is expected to be over 7,700. And once they graduate, most of our alumni continue to live and work in Connecticut.

The effects of Next Generation Connecticut are already visible – construction has begun on a new 725-bed Science, Technology, Engineering and Math residence hall on the Storrs campus, as well as significant increases in the number of students applying to our Engineering and Science programs. Planning for new academic buildings and additional residence hall space to accommodate anticipated growth in our student population under NextGen is also underway.

Great students in every state, especially in the Northeast, have no shortage of options when it comes to the college or university they may attend.

They look primarily at the academic quality, the quality of facilities and campus life, and affordability. Today, UConn is able to offer all four.

This is neither a coincidence nor a happy accident. It is primarily owed to two things. The first is the far-reaching and meaningful investments in UConn over two decades by you, Connecticut's leadership. And second is the thoughtful and strategic management of those investments on the part of the university.

With respect to our overall state appropriation: UConn is grateful for every penny that the state is able to provide both on the operating and capital side. State funds provide approximately 29% of our budget this year, and we could not function without it. But it has declined already.

When the reductions to the block grant are combined with budget rescissions and fund sweeps by the state since 2008, as well as the prospective $40 million cut to our appropriation this year, the reductions to the university's operating budget in the last seven years will approach $100 million.

During this same period, the cost of operating the university, especially with respect to financial aid, has increased dramatically as UConn works to recruit and retain great students: in 2008, our financial aid budget was $43 million. In 2015, it will be $93 million.

Falling state appropriations have also led to increased tuition and fees for students nationwide. However, today, I can tell you that we will not be asking our board of trustees to approve any mid-year or additional tuition or fee increases to help close our anticipated deficit in fiscal year 2016 beyond the four-year tuition plan approved by the trustees in 2011.

Despite these fiscal challenges, with careful planning and prudent management, the university continues to thrive and be successful.

An additional cut of $40 million would derail that success.

You may have been told that UConn has quote-unquote "reserves." This is a misleading term, because it suggests that the university has centrally socked away money as a way of holding on to it, similar to a savings account or rainy day fund.

That is not the case at all.

UConn's fund balances are either committed for a specific purpose or need, or have been set aside because we are required to have a certain level of funding on hand.

For example, the university maintains funds equal to 1.24 times our annual debt payments. In addition to being a fiscally prudent practice, this is necessary to maintain our bond rating so we can continue to borrow.

Funds are also kept on hand for things like supporting faculty, including laboratories, as well as capital needs on our campuses, such as repair, renovation and construction projects, as is required under the UConn 2000 legislation.

Unfortunately, in order to close past deficits, portions of these funds have sometimes been reallocated, meaning taking funding away from a particular project. This means that something that needed to be done wasn't done, because the university used the funds to help close a deficit instead.

Our combined fund balances have declined by one third since fiscal year 2012 in order to close deficits centrally. It would be unwise to continue this practice.

UConn's current funds available would cover only 28 days of the university's operations, which is well below the 90-day level we should be at.

In theory, other than those funds set aside for a statutory or bonding reason, all fund balances could be swept and used to close the deficit we face next year, but then we would fail to meet countless obligations and cease to function in the most basic and fundamental ways.

I would ask that you consider this: the state has come so far and done so much to make UConn a truly great university to serve the state of Connecticut and its residents. Each and every investment in UConn has paid dividends, exactly as they were intended to.

And we are hardly at an end point; rather, UConn is only now <u>just beginning</u> to realize its potential. We are among the best public universities in the nation; but UConn can be so much more and do so much more for the state of Connecticut.

Like UConn 2000 before them, Bioscience Connecticut and Next Generation Connecticut can continue to transform our university. But success will not be found in the construction of

buildings alone; it will happen by ensuring that we can put the people and resources inside those buildings that are necessary to do the work that needs to be done.

That requires strong capital and operating budgets. Because having great structures that are partially empty or capital funds that sit idle because the university lacks the budget necessary to operate new facilities, or to recruit outstanding faculty, or enroll talented students, would defeat the far-reaching goals of those initiatives – and the purpose of the university itself.

We all appreciate the daunting task before you with respect to addressing the state's budget, but I would ask that you do all that you can to help ensure that the university is spared the kind of severe cut that would unravel so much of the good that has been done. Instead, we ask that you act to help keep UConn on the path forward and invest in the future.

As I said, we will strive to be a great university no matter what, because that is our job. But we need the tools to do it.

Thank you.

# University Update

March 2015

UCONN

# UConn Student Success

- Almost 6,000 new Huskies, including the most diverse and high-achieving freshman class to date, joined other underclassmen who returned last fall to UConn campuses throughout Connecticut
- The incoming students also represented the cream of a very significant crop: nearly 32,200 aspiring students applied last year for admission - a new record high
- UConn's applications have more than doubled since 2001, when the University received about 13,600 - that's despite a dip in the number of high school graduates in Connecticut and nationwide
- The new students included almost 3,600 freshmen and 800 transfer students arriving in Storrs, and almost 1,400 freshmen and more than 200 transfers attending the campuses in Greater Hartford, Stamford, Waterbury, Avery Point and Torrington
- With an average SAT of 1234, the Class of 2018 outpaced last year's freshmen by 1 point - continuing an upward trend that has supported UConn's momentum as it pushes toward becoming one of the nation's public top-tier research institutions
- The new students also included a freshman class that's by far the most diverse in UConn's history, with one-third (33.8%) of its members representing minority groups - the previous record was 27% set last year

# UConn 2015

- $1.2B budget
- 32,192 undergraduate applications
- 22,973 undergraduate enrollment
- 7,591 graduate enrollment
- 1234 mean SAT score (national mean is 1010)
  - 1405 SAT score for Honors students
- 50% students in top 10% of high school class
- 7,738 degrees awarded in 2014
- 4,597 full-time staff
  - 1,517 full-time faculty: 78% tenured & tenure track



# UConn 2015

- 93% for first year retention rate
- 4.2 years average time to graduation (6th among top public universities)
- 81% for 6 year graduation rate (57% national average)
- 29% minority undergraduate students
- 77% for 6 year graduation rate for Hispanic students (49% national average)
- 67% for 6 year graduation rate for African American students (39% national average)
- 80% of CT residents who graduated from UConn & are employed are working & living in CT

## Academic Plan

- 16 months of active engagement of faculty, staff, students, & industry partners in the planning process
- 250 faculty & staff were involved in writing the academic plan
- 7 strategic areas were selected as Spires of Excellence
- 136 pre-proposals were submitted for academic plan investments
- 30 projects were invited for full proposal submission



## Guiding Principles

- Bold and visionary ideas to grow in the midst of opportunities and challenges
- Growth of extramural research projects from industry, federal and state programs
- Innovative educational programs using new technologies, pedagogies and engagement
- Developing partnerships with governments and industries in Connecticut
- Alignment of Master Plan and NextGenCT to the Academic Plan

# Goals in Undergraduate Education

- Recruitment of outstanding students (diversity, SAT, GPA)
- New concentrations, minors & majors
- More students who conduct research, internships, global engagement and service learning
- More students receiving prestigious scholarships
- Improve rankings in *U.S. News & World Report*

Molly Rockett '15
Truman Scholar



# Goals in Graduate Education

- Recruit outstanding students (diversity, GRE, GPA and UG institutions)
- Increase funding support for the number of graduate assistants and post-doctoral fellows
- Implement professional & academic development programs
- Improve placement in prestigious academic and industry appointments

National Science Foundation Bridge to the Doctorate Fellows

# Goals in Research

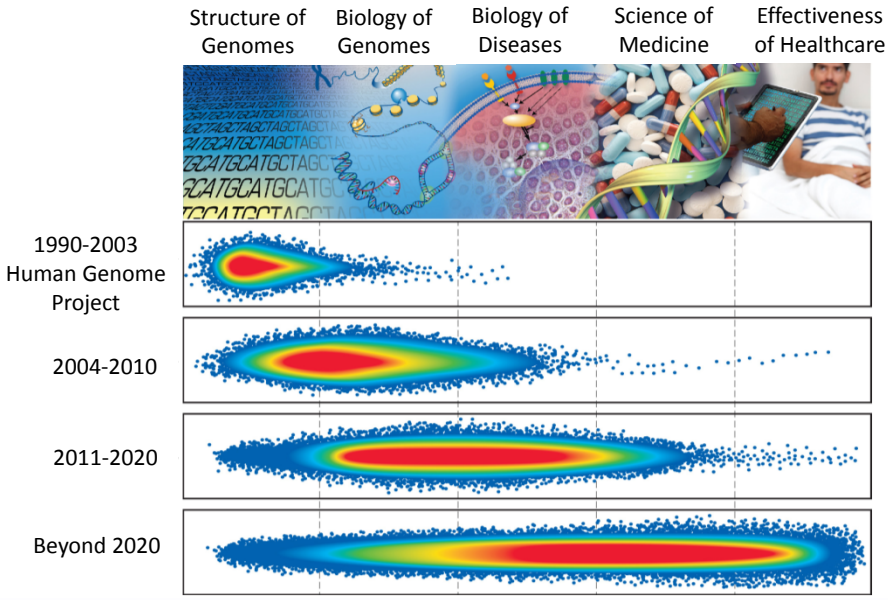
- Develop new knowledge and innovative solutions to society's pressing problems
- Extramural research
- Publications & citations
- Juried performances
- Patents and licensing
- National faculty awards




# Genomics & Personalized Medicine


1994


2012





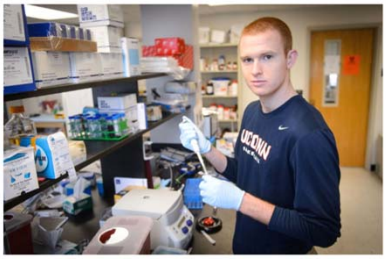

# Exemplar Faculty - Dr. Brent Graveley

**Dr. Brent Graveley**, John & Donna Krenicki Chair of Genomics & Personalized Medicine

- Dr. Graveley is at the forefront of genomics revolution that serves as a foundation for breakthroughs in personalized medicine
- Dr. Graveley is lead scientist for a $9.3M NIH grant for functional elements that control the expression of genetic information in a cell
- He has published 4 articles in the most prestigious scientific journal, *Nature*

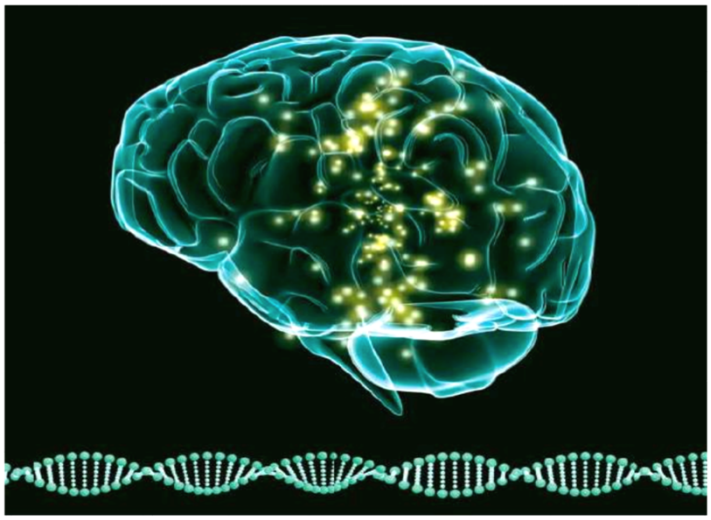
# Exemplar Student - Pat Lenehan ’15


- Major: Molecular and Cell Biology
- Research Topic: The Role of RNA Transcripts in the Formation of Centromere Complexes in Drosophila
- Advisor: Barbara Mellone, Molecular and Cell Biology
- Future Plans include M.D./Ph.D. focused on cancer research



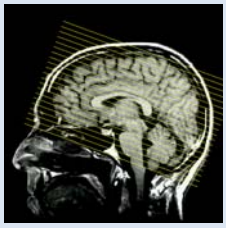


# Brain, Mind & Cognition

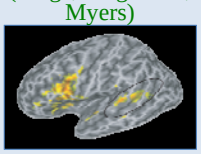


# Genetic & Environmental Effects on Brain, Mind & Cognition

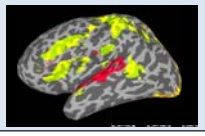
*"From theory and the lab to the clinic, classroom, and home"*



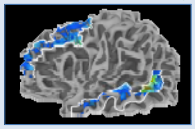
Speech Perception
(Large, Magnuson, Myers)



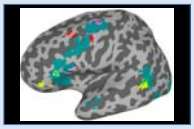
Reading
(Landi, Pugh, Rueckl, Tabor)



Conceptual Knowledge
(Altmann, Ramanathan, Yee)



Memory and Executive Control
(Astur, Eigsti, Chen)





# Exemplar Faculty – Dr. Deb Fein

**Dr. Deb Fein**,
BOT Distinguished
Professor of Psychology

- Dr. Fein is an international expert on autism spectrum disorders research
- Received more than $15M in grants from NIH for neuroscience and neuropsychology research
- Her research breakthroughs include treating and reversing autism in children through applied behavioral analysis

# Exemplar Student - Megan Rowland ’15

- Majors: Psychology & Physiology and Neurobiology
- Research Topic: Neurochemical and Motivational Effects of Pharmacological Treatments for Depression
- Advisor: John Salamone, Psychology
- Future Plans: Ph.D. in Neuroscience



# Materials and Manufacturing


- Additive Manufacturing
- Interactions of Materials with Light
- Soft Materials and Nanoscale Manufacturing
- Electronic Materials
- Biomaterials
- Composites

# Additive Manufacturing



# $7.5M P&W 3D Manufacturing Center

- Established in April 2013
  - Sintering vs. melting
  - Fusion & solidification
  - Powder selection
- Advanced equipment (ARCAM, PHENIX) in place to move to Tech Park

# Exemplar Faculty – Dr. Nora Berrah

**Dr. Nora Berrah**, Department Head of Physics

- Dr. Berrah is internationally recognized for her research in atomic, molecular, and optical physics
- Using high-powered X-RAY lasers, she has uncovered important molecular interactions that affect material property
- Dr. Berrah is the recipient of the 2014 American Physical Society Davisson-Germer Prize

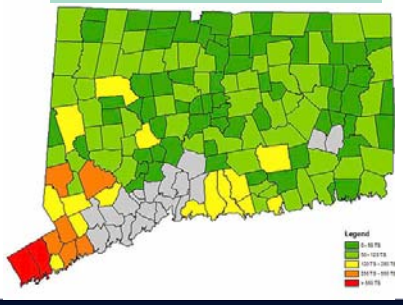


# Exemplar Student - Ari Fischer ’15

- Major: Chemical Engineering
- Research Topics:
  - Oxygen Generator for Space Applications
  - Use of Coffee Grounds as Biofuel
- Advisor: George Bollas, Chemical & Biomolecular Engineering
- Future Plans: Ph.D. in Chemical Engineering

# Sustainability & Environment

- Inherent **coupling** of natural and built **systems**
- Sustainable Energy
- Coastal Resiliency
- Sustainable Land Use
- Environmental Law and Policies
- Water Resources
- Air Quality



# Exemplar Faculty – Dr. Manos Anagnoustou

**Dr. Manos Anagnostou**, Northeast Utilities Professor of Environmental Engineering

- Dr. Anagnostou is internationally recognized for his research storm model prediction
- Research informs utilities and governments of resilience strategies
- Recipient of the Marie Curie Excellence Award for water and energy cycle
- 126 journal articles with over 2,000 citations and over $10M in research grants

## Exemplar Student - Emily McInerney ’15

- Major: Natural Resources
- Research Topic: Greenhouse Gas Emissions from Created Wetlands
- Advisor: Ashley Helton, Natural Resources and the Environment
- Future Plans: Environmental policy research & advocacy



## Human Diversity, Disparity & Rights

- Human Rights
- Social Justice
- Economic Justice
- Access to Education
- Employment Law
- Engagement with Global Organizations

# Exemplar Faculty - Dr. Caroline Kaeb

**Dr. Caroline Kaeb**
Assistant Professor of Marketing & Human Rights Institute

- PhD: School of International Studies, University of Trento (Italy)
- Previous Institution: Northwestern University School of Law
- Dr. Kaeb is an affiliated faculty member at the Ford Motor Company Center for Global Citizenship at the Kellogg School of Management
- Areas of research: international business law, corporate compliance, corporate social responsibility, corporate law, and European law



# Exemplar Student - Katie Cavanaugh ’17

- Majors: Political Science & Management Information Systems
- Research Topic: Democratic Legitimacy in Argentina
- Advisor: Matt Singer, Political Science
- Future Plans: Law school

# Artists, Scholars & Public Discourse

- Humanities Institute and interdisciplinary studies programs
- Public performances and exhibitions
- New Programs in Digital Media & Curation
- Discourse to enhance democratic process, citizenship and societal change




# Exemplar Faculty - Dionne Jackson

**Dionne Jackson**
Associate Professor of Flute

- M.M.: The Juilliard School
- Previous Institution: Chicago College of the Performing Arts at Roosevelt University
- Critics hailed her as the “awe-inspiring flutist” and “phenomenal flute soloist” – Chicago Sun-Times
- Jackson was the first American flutist in over a decade to win the prestigious First Prize in Flute from the Paris Conservatory of Music
- Jackson held the position of Assistant Principal Flute of the Chicago Lyric Opera for fourteen years

## Exemplar Student - Julianne Norton ’15

- Mitchell Scholarship
- Major: Individualized – International Relations
- Research Topic: A Graphic Novel Exploring Post-Memory in Cross-Cultural Contexts
- Advisor: Cora Lynn Deibler, Art and Art History
- Future Plans: MFA in Creative Writing and Law School



## Exemplar Faculty – Dr. Preston Green

**Dr. Preston Green**
Carla Klein Endowed Professor of Urban Education

- Dr. Preston Green was recruited from Penn State University using Klein Professorship
- Recipient of a JD and EdD from Columbia University
- He’s nationally renowned in policies of school vouchers, charter schools, teacher evaluation and school finance

## Exemplar Student – Kimberly Rebello ’15

- Academic Excellence Scholarship
- Northby Scholarship
- Major: Chemistry
- Research Topic: Synthesis of Adducts of 6-Nitrochrysene, a Cancer-Causing Agent
- Advisor: Ashis Basu
- Future Plans: MD



## Exemplar Student – Fejiro Okifo ’16

- Schechter Scholarship
- Rowe Scholar
- Major: Biological Sciences
- Research Topic: Effects of Mutants on Bacteriophage P22 Coat Protein Stability & Mature Capsid Structure
- Advisor: Carolyn Teschke
- Future Plans: MD/PhD in infectious diseases

# Exemplar Student – Kewa Jiang ’16

- Leadership Scholarship
- Rowe Scholar
- Major: Molecular and Cell Biology
- Research Topic: Characterization of Novel Synthetic Vaccinia Virus Promoters
- Advisor: Paulo Verardi
- Future Plans: MD/PhD



# Industry Partnerships

# $25M UConn-FEI Microscopy Center

- Established in November 2014
- World's foremost microscopy center
  - New Material Development
  - Advanced Manufacturing
  - Electronics Integrity Testing
  - Biological Agent Detection
  - Vaccine Development
  - Tissue Engineering




# $10M UTC Systems Eng. Center

- Established in October 2013
- Mechanical and software system specification, design, validation and operation
- 2.3M parts in Boeing 787 including:
  - wings from Japan
  - fuselage from Italy
  - embedded sensors to assess performance
- Manufacturers are becoming systems integrators
- Operators will need to harness data analytics

# $7.5M GE Advanced Materials Center
# $7.2M Fraunhofer Energy Center


- Established in October 2012 and July 2013
- Smartgrids, electrical-protection technologies, insulation materials, magnetic & thermal management



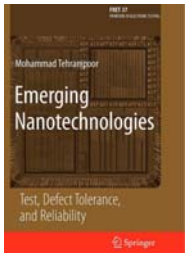
# $7.5M P&W 3D Manufacturing Center

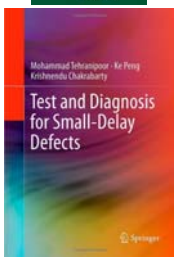
- Established in April 2013
  - Sintering vs. melting
  - Fusion & solidification
  - Powder selection
- Advanced equipment (ARCAM, PHENIX) in place to move to Tech Park

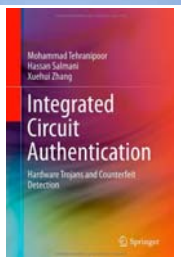
# $7.5M DOD Nanoelectronics Center

- Established in May 2014
- Hardware trust & security, authentication & tamperproof electronics










# Investments for Academic Plan

- Recruit outstanding faculty & staff
- Recruit talented undergraduate and graduate students and post-doctoral fellows
- Establish institutes for multi-disciplinary research programs
- Build new research and teaching facilities
- Develop new curriculum at undergraduate and graduate levels and outreach programs
- Measure progress towards goals of excellence
- Philanthropic opportunities will be key to meeting goals of Academic Plan

*Next Generation Connecticut*

UCONN

# STEM Investments to be Competitive

- STEM education involves learning through laboratory experience, capstone design, research and industry projects
- UCONN 2000 STEM facilities are at full capacity:
  - Chemistry, Information Technology & Engineering, Pharmacy/Biology, Biology/Physics, Ag-Biotech, etc
- Pre-1960's era STEM facilities are outdated and at full capacity:
  - Gant, Torrey, Beach, Koons, Atwater, Engineering II, Bio-Science Laboratory, Bronwell, Longley, UTEB, etc.
- Faculty cannot compete for major research grants or effectively teach students using outdated STEM facilities
- Needs include facilities & staff for Manufacturing, High Performance Computing, Bio-Safety Laboratories, fMRI, Electron Microscopes, Systems Genomics, etc.

# Return on Investment

- Median income of CT residents with STEM degrees earn $11K more per year than graduates with other degrees
- Every $1M in NIH research funding supports 15 jobs (salary of $60K)
- Each new science/technology job creates more than one additional job
  - A chemical manufacturing job creates 3.1 additional jobs
  - A computers & electronics job creates 1.3 additional jobs
- For every new research $1, Connecticut will gain $1.95 in business activity
- Every $2M in research expenditures yields a patent
- By 2024 this initiative will yield Connecticut:
  - 135 patents & disclosures per year
  - 2,190 new permanent jobs
  - 30,000 total construction jobs



# *Next Generation Connecticut*

- $1.5B capital investment over 10 years
- $137M increase in operating budget by 2024: FY15 is $7.8M less than requested
- Increase undergraduate enrollment by 6,580: 3,290 in STEM
- Establish premier Connecticut STEM Honors Program
  - STEM scholarships & IDEA grants offered to the best students
  - STEM industry internship/co-op experiences
- Award STEM fellowships to train outstanding doctoral students
- Hire faculty & improve infrastructure
  - 259 new faculty (200 in STEM fields)
- Develop critical facilities for research & teaching

# Master Plan & *Next Generation Connecticut*

- Master Plan is underway and will:
  - Support the University mission and the academic plan
  - Guide investment of capital and operating funds
  - Support thoughtful planning, design and construction of *Next Generation Connecticut* capital projects
- *Next Generation Connecticut* capital projects:
  - New STEM research buildings
  - Renovated STEM and non-STEM academic buildings
  - Deferred Maintenance building and utility projects
  - Transportation and parking projects
  - Equipment and information technology upgrades
  - New STEM Living and Learning residence hall
  - New Honors residence hall
  - Regional Campuses: Avery Point, Hartford, Stamford



# Next Generation Connecticut Overview

| | FY15 Forecast | FY16 Plan | FY17 Plan |
|---|---|---|---|
| Enrollment | 672 | 845 | 1,415 |
| Faculty | 85 | 130 | 185 |
| Staff | 39 | 64 | 103 |
| STEM Scholarships | 79 | 200 | 525 |
| STEM Fellowships | 6 | 25 | 40 |
| UConn IDEA Grants | 59 | 90 | 120 |
| Total Expenses | $20,105,492 | $40,657,621 | $68,479,350 |
| Less UConn Funding* | 10,493,822 | 6,872,249 | 14,489,445 |
| **State Request** | **$9,611,670** | **$33,785,372** | **$53,989,905** |

*Due to the mid-year rescission of FY15 State funds, $5.4M of one-time UConn funds will be used to fulfill the financial commitments of this initiative

# Next Generation Connecticut Progress

STEM applications at Storrs increased 300% from fall 2001 to 2012 – from fall 2012 to fall 2015, STEM applications are expected to increase 16.0%

| | FY15 Actual | Goal by FY24 | % of Goal |
|---|---|---|---|
| STEM Enrollment | 1,517 | 3,290 / 42% | 46% |
| Engineering Enrollment | 581 | 1,410 / 70% | 41% |
| Digital Media Enrollment | 186 | 840 / 100% | 22% |
| Risk Mgmt/Global Business (Stamford) | 28 | 680 / 100% | 4% |
| Total Enrollment | 672 | 6,580 / 30% | 10% |
| STEM Degrees | 150 | 2,446 / 42% | 6% |
| STEM Faculty | 49 | 200 | 25% |
| Non-STEM Faculty | 36 | 59 | 61% |



# Financial Information

# Current Funds Budget Revenues

| Revenues ($M) | FY14 Actual | % of Total | FY15 Forecast | % of Total | Change 7% |
|---|---|---|---|---|---|
| State Support | $308.1 | 27.5% | $351.6 | 29.4% | $43.5 |
| Tuition & Fees | 397.1 | 35.5% | 427.4 | 35.8% | 30.3 |
| Grants/Contracts | 184.4 | 16.5% | 181.6 | 15.2% | (2.8) |
| Auxiliary Enterprises | 198.7 | 17.8% | 208.2 | 17.4% | 9.5 |
| Other | 29.8 | 2.7% | 25.5 | 2.2% | (4.3) |
| Total | $1,118.1 | 100% | $1,194.3 | 100% | $76.2 |



# Current Funds Budget Expenditures

| Expenditures ($M) | FY14 Actual | % of Total | FY15 Forecast | % of Total | Change 5% |
|---|---|---|---|---|---|
| Personal Services | $461.8 | 40.5% | $485.5 | 40.7% | $23.7 |
| Fringe Benefits | 212.0 | 18.6% | 225.1 | 18.9% | 13.1 |
| Other/Equipment | 216.1 | 19.0% | 222.3 | 18.7% | 6.2 |
| Financial Aid | 132.0 | 11.6% | 142.2 | 11.9% | 10.2 |
| Debt Service/Projects | 14.5 | 1.3% | 20.7 | 1.7% | 6.2 |
| Research | 102.5 | 9.0% | 96.8 | 8.1% | (5.7) |
| Total | $1,138.9 | 100% | $1,192.6 | 100% | $53.7 |

# UConn Foundation


- Endowment portfolio returned 12.93% in FY14
  - Not all endowment is spendable
- In terms of ROI, the $8.2M the University paid to the Foundation returned more than 9 times that amount



# Foundation Support

- Charitable giving was at the highest level ever in FY14
  - Of the $81.1M raised in FY14, $32.3M was for endowed funds – a 24% increase over endowed funds raised in FY13
- Foundation support is only 1.4% of UConn's FY15 budget - recent donations are not all available to support the budget
- Need to continue to build endowment for long term support of the University
  - Launched 5-year $150M Student Support initiative
  - Preparing similar efforts around teaching, research and facilities

# Committed Fund Balances

| Fund Balances ($M) | FY12 Actual | FY13 Actual | FY14 Actual | FY15 Forecast | Purpose of Funds |
|---|---|---|---|---|---|
| Academics | $34.2 | $37.4 | $36.9 | $36.9 | For programs/activities not supported by state funding; for start-up/expansion costs |
| Research | 19.6 | 20.9 | 19.9 | 19.9 | Grant overhead funds for sponsored program administration (i.e. research compliance, faculty support & infrastructure) |
| Auxiliaries | 26.0 | 26.0 | 30.4 | 31.9 | UCONN 2000 bonds require these funds for renewal/replacement of student facilities |
| Central | (6.6) | (11.7) | (8.3) | (9.8) | Primarily reflects the liabilities for vacation/sick leave & accrued salaries for state & tuition funded positions |
| Current Funds | $73.2 | $72.6 | $78.9 | $78.9 | = 28 days of operations<br>Board Policy is 90 days or $256.8M |
| Plant Funds | 72.8 | 54.3 | 26.5 | 14.8 | Funds initiatives that cannot be completed with UCONN 2000 funds & shortfalls in operating budget |
| Debt Funds | 25.2 | 26.6 | 25.4 | 19.2 | Reflects 1.24 times annual debt payments; need more for favorable credit rating |
| **Total** | **$171.2** | **$153.5** | **$130.8** | **$112.9** | **$58.3M or 34% decrease since FY12** |



# Budget Priorities

- Commitment to students, faculty and research
- Commitment to financial aid
- Protect academic programs / Academic Plan
- *Next Generation Connecticut* commitment to State

# Commitment to Students & Faculty

Growth in Faculty:

- Full-time faculty increase of 14% since FY12
- Goal is to decrease the student to faculty ratio
- Expanded course offerings to help students to graduate on time

| Student to Faculty Ratio | |
|---|---|
| FY96 | 14.2 |
| FY98 | 14.9 |
| FY10 | 17.9 |
| FY11 | 18.1 |
| FY12 | 18.3 |
| FY13 | 17.3 |
| FY14 | 16.3 |
| FY15 | 16.4 |



# Commitment to Financial Aid

| Total Financial Aid in Budget ($M) | FY11 Actual | FY12 Actual | FY13 Actual | FY14 Actual | FY15 Forecast | FY11-FY15 % Change |
|---|---|---|---|---|---|---|
| Tuition Funded Aid | $63.1 | $70.5 | $74.5 | $77.9 | $83.0 | 32% |
| Other Scholarships | 4.1 | 5.1 | 6.7 | 8.1 | 10.1 | 146% |
| State Aid | 13.1 | 10.7 | 9.5 | 9.4 | 11.4 | -13% |
| Federal Aid | 26.1 | 23.0 | 23.5 | 24.3 | 26.1 | 0% |
| Private Aid | 12.0 | 11.8 | 11.0 | 12.3 | 11.2 | -7% |
| **Total Aid in Budget** | **$118.4** | **$121.1** | **$125.2** | **$132.0** | **$141.8** | **20%** |

# Issues Impacting the Budget

- State Funding
- Enrollment
- Personnel Costs
- Financial Commitments
- Contractual Constraints



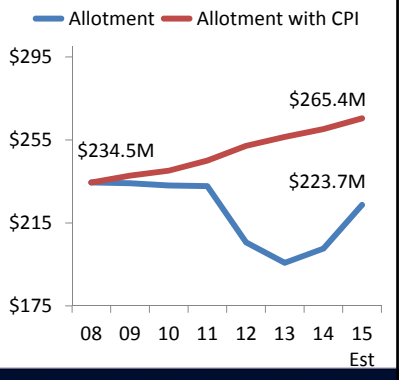
# Budget Impact: State Funding

| State Support as % of Total Revenues | |
|---|---|
| FY91 | 50.0% |
| FY95 | 43.4% |
| FY11 | 31.1% |
| FY12 | 27.4% |
| FY13 | 27.4% |
| FY14 | 27.5% |
| FY15 Est | 29.4% |

# Decline in State Funding

| Fiscal Year | Approp ($M) | Actual Allotment ($M) | Reductions ($M) | % Perm Employees Funded by Allotment |
|---|---|---|---|---|
| '09 | $247.9 | $234.1 | $13.8 | 70% |
| '10 | 235.3 | 233.0 | 2.3 | 73% |
| '11 | 233.0 | 232.6 | 0.4 | 68% |
| '12 | 207.7 | 205.6 | 2.1 | 61% |
| '13 | 206.1 | 195.8 | 10.3 | 57% |
| '14 | 203.4 | 202.6 | 0.8 | 53% |
| '15 est | 229.1 | 223.7 | 5.4 | ~57% |
| Total Reductions | | $35.1M or $50.8M w/FB | | |
| | | + $23M of Fund Balance Sweeps | | |

- More UConn tuition, fees & other revenues are required to provide support for employees & the increase in students since FY08






# Proposed State Funding ($M)

| | FY15 Approp | FY16 | | FY17 | |
|---|---|---|---|---|---|
| | | Request | Proposed | Request | Proposed |
| Current Services* | $214.1 | $225.1 | $211.5 | $225.9 | $211.5 |
| NextGenCT | 15.0 | 33.8 | 7.9 | 54.0 | 7.9 |
| Total | $229.1 | $258.9 | $219.4 | $279.9 | $219.4 |
| Current Services Reduction | | | $13.6 | | $14.4 |
| NextGenCT Reduction | | | 25.9 | | 46.1 |
| Total Reduction | | | $39.5 | | $60.5 |

*Current Services increases requested to cover the cost of collective bargaining agreements in FY16 and Operating & Maintenance costs for new buildings in FY16 & FY17

# Deficit Mitigation Strategies

- FY15 Mitigation Strategies:
  - Reduced new faculty hiring
  - Reduced faculty & staff refills
  - Reduced library acquisitions
- Out Year Options (FY16 & beyond):
  - Significantly increase tuition rates
  - Stop faculty hiring
  - Workforce reductions (post SEBAC)
  - Eliminate academic programs
  - Admit more out-of-state and international students
  - Reduce financial aid
  - Options will increase the class size, increase the student to faculty ratio and delay graduation



# Student Information

# Student Facts & Figures

Fall 2014 compared to fall 1995:

- Freshman Applications at all campuses increased 198% (10,809 to 32,192)
- SAT scores increased 121 points at Storrs (1113 to 1234)
- 1,871 valedictorians and salutatorians enrolled at all campuses since 1995
- Freshman enrollment at Storrs increased 78% (2,021 to 3,588)
- Minority freshman enrollment at Storrs increased 263% (308 or 15% to 1,118 or 30%)
- Undergraduate enrollment at all campuses increased 57% (14,667 to 22,973)
- Students housed at Storrs increased 81% (6,957 to 12,607)



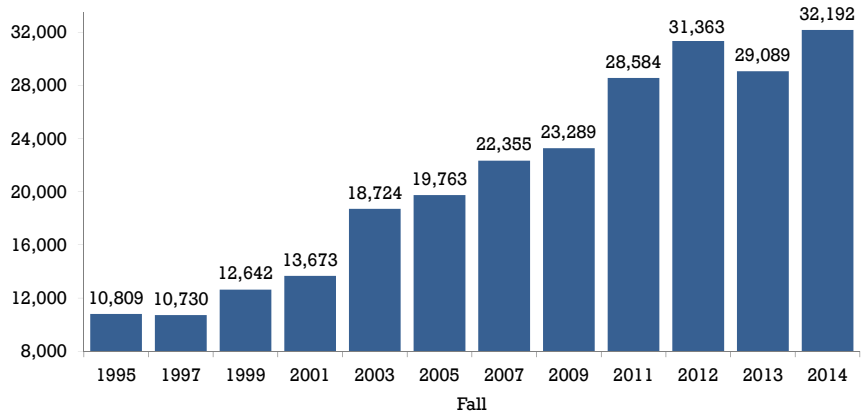
# Student Facts & Figures

- Fall 2013 freshman retention is 93% and minority freshman retention is 93%
- Fall 2007 average time to graduate of 4.2 years at Storrs (ranks 6th among public research universities)
- Fall 2010 4-year graduation rate is 70% at Storrs
- Fall 2008 6-year graduation rate is 81% at Storrs
- Undergraduate degrees at all campuses increased 77% since fall 1995 (2,951 to 5,221)
- Graduate/Professional degrees at all campuses increased 43% since fall 1995 (1,757 to 2,517)

# Freshman Application Trends

Storrs & Regional Campuses

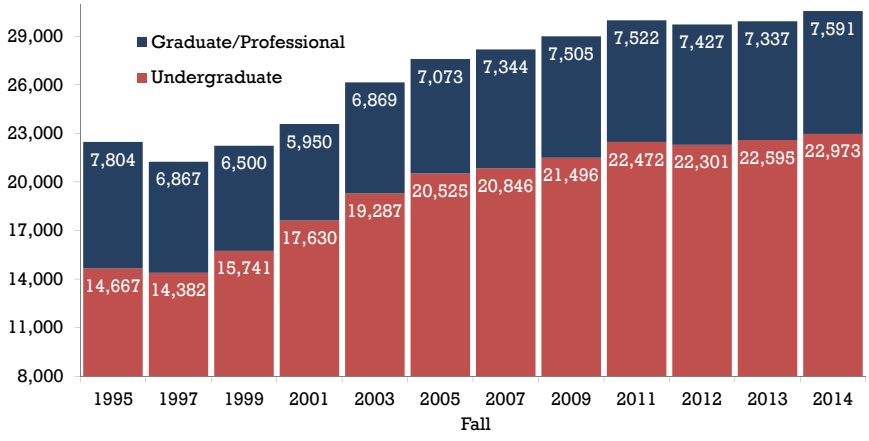
Applications at all campuses have increased 198% from Fall 1995 to Fall 2014






# Total Student Enrollment

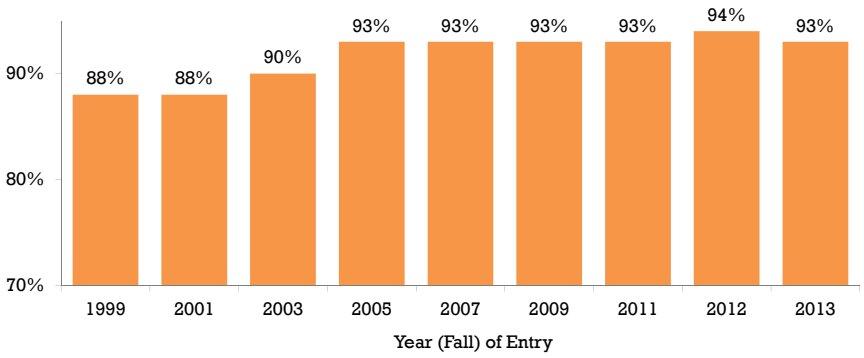
Undergraduate enrollment has increased 57% from 1995 to 2014



# Freshmen Retention Trend

Storrs Campus

Nationally, the Fall 2012 rate ranks 14th among the 58 Public Research Peer Universities and it is substantially higher than the 81% average for 351 colleges & universities in the national Consortium for Student Retention Data Exchange



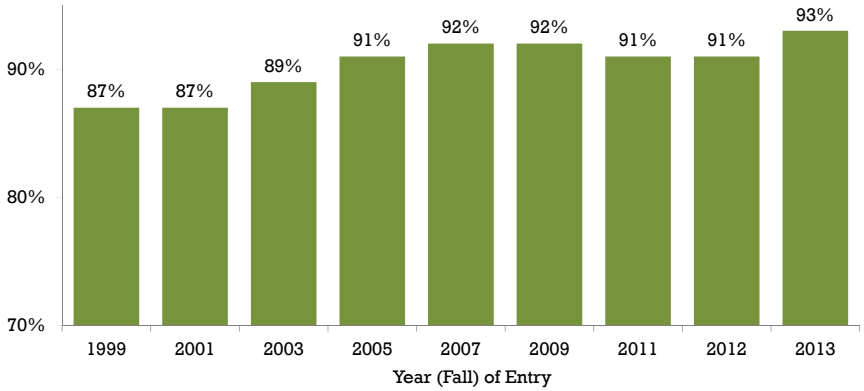

UCONN



# Minority Freshmen Retention Trend

Storrs Campus

Fall 2012 minority freshman retention rate is also substantially higher than the national 80% average (CSRDE)



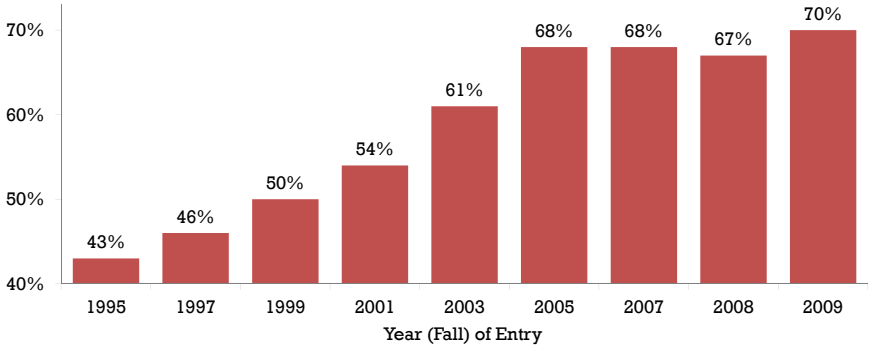

UCONN

# 4-Year Graduation Trend

Storrs Campus

UConn's ranking among the 58 Public Research Peer Universities:

- Fall 2007 4-year graduation rate of 68% ranks 6th
- Fall 2007 average time to graduate of 4.2 years ranks 6th

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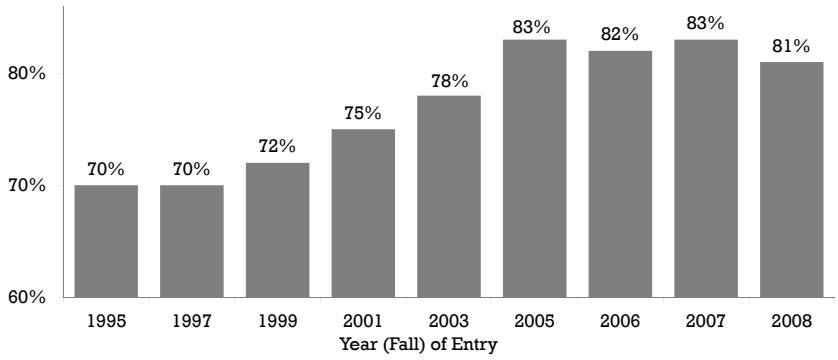
# 6-Year Graduation Trend

Storrs Campus

UConn's ranking among the 58 Public Research Peer Universities:

- Fall 2007 6-year graduation rate of 83% ranks 15th
- Fall 2007 6-year minority graduation rate of 82% ranks 9th

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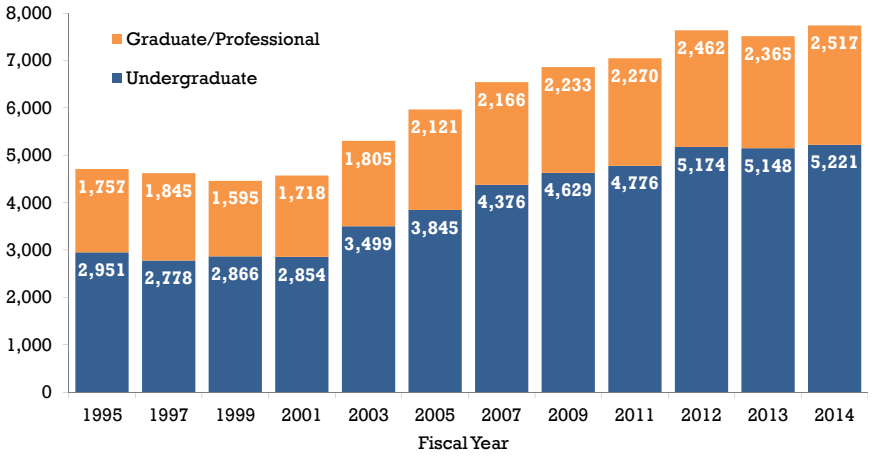
# Degrees Awarded

Undergraduate degrees have increased 77% since 1995






# Affordability

# How Does UConn Compare?

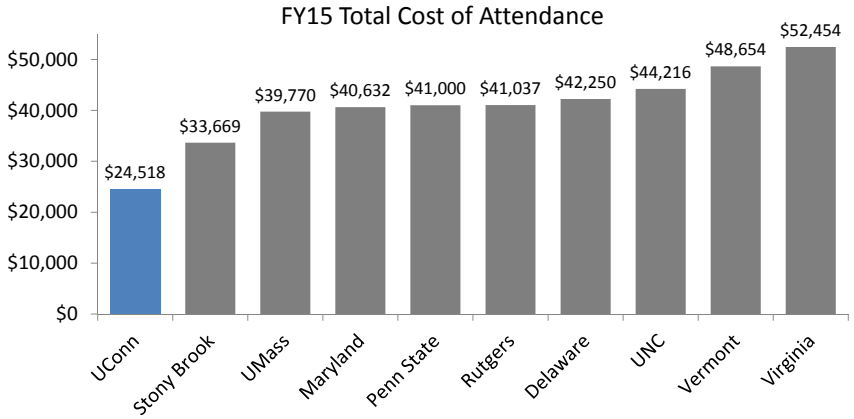



Chart reflects what it would cost a Connecticut student to attend



# How Does UConn Compare?

| Tuition & Fees 2014-15 | | | Average Debt at Grad 2014 | | | Default Rates 2011 | | |
|---|---|---|---|---|---|---|---|---|
| 1 | Penn State | $17,502 | 1 | Penn State | $35,100 | 1 | Penn State | 5.3% |
| 2 | Vermont | $16,196 | 2 | Delaware | $33,649 | 2 | Stony Brook | 3.7% |
| 3 | Rutgers | $14,010 | 3 | UMass | $27,945 | 3 | Rutgers | 3.5% |
| 4 | UMass | $13,258 | 4 | Vermont | $27,588 | 4 | UMass | 3.0% |
| 5 | Virginia | $13,216 | 5 | Rutgers | $26,656 | 4 | Maryland | 3.0% |
| **6** | **UConn** | **$12,700** | 6 | Maryland | $25,276 | 6 | Delaware | 2.4% |
| 7 | Delaware | $12,342 | **7** | **UConn** | **$24,373** | 7 | Virginia | 2.3% |
| 8 | Maryland | $9,579 | 8 | Virginia | $21,591 | **7** | **UConn** | **2.3%** |
| 9 | Stony Brook | $8,430 | 9 | Stony Brook | $20,594 | 9 | Vermont | 1.3% |
| 10 | UNC | $8,374 | 10 | UNC | $16,983 | 10 | UNC | 0.7% |

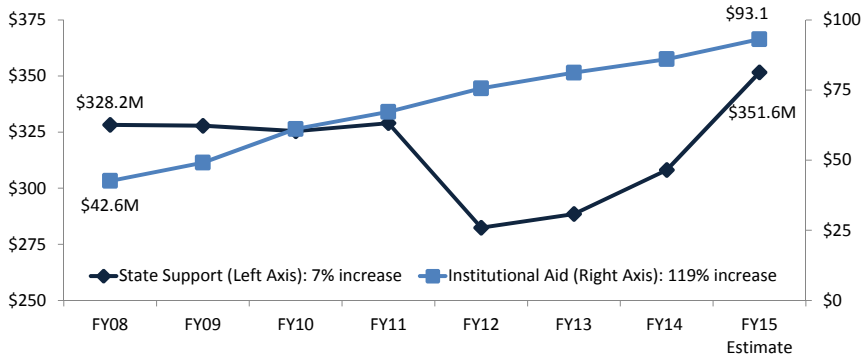
# How Does UConn Compare?

| % Freshman Pell Recipients 2012 | | | % Undergrad Pell Recipients 2012 | | | Pell 6-Yr Grad Rate 2013 | | |
|---|---|---|---|---|---|---|---|---|
| 1 | Stony Brook | 36% | 1 | Stony Brook | 37% | 1 | UNC | 86% |
| 2 | Rutgers | 31% | 2 | Rutgers | 31% | 2 | Virginia | 84% |
| **3** | **UConn** | **25%** | 3 | UMass | 26% | 3 | Delaware | 80% |
| 4 | UMass | 23% | **4** | **UConn** | **23%** | **4** | **UConn** | **77%** |
| 5 | Vermont | 21% | 5 | UNC | 21% | 5 | Maryland | 77% |
| 6 | UNC | 20% | 6 | Vermont | 20% | 6 | Rutgers | 76% |
| 7 | Maryland | 15% | 7 | Maryland | 19% | 7 | Penn State | 75% |
| 7 | Penn State | 15% | 7 | Penn State | 19% | 8 | Vermont | 73% |
| 9 | Delaware | 12% | 9 | Virginia | 12% | 9 | Stony Brook | 70% |
| 9 | Virginia | 12% | 10 | Delaware | 11% | NA | UMass | 66% |
| College Results Online | | | College Results Online | | | Academic Insights | | |



# UConn's Competitive Marketplace

UConn's commitment to affordability: despite prior year reductions in State funding, UConn increased aid from $42.6M in FY08 to $93.1M in FY15



# UConn's Competitive Marketplace

**Institutions Sharing Most Cross-Admits with UConn**

| | Fall 1994 | Fall 2001 | Fall 2005 | Fall 2007 | Fall 2012 |
|---|---|---|---|---|---|
| 1 | CCSU | UMass | Northeastern | UMass | UMass |
| 2 | BU | URI | UMass | Northeastern | Northeastern |
| 3 | UMass | Northeastern | URI | BU | BU |
| 4 | Fairfield | BU | BU | Vermont | Delaware |
| 5 | URI | UNH | Delaware | Penn State | URI |
| 6 | SCSU | Quinnipiac | Quinnipiac | Delaware | Penn State |
| 7 | ECSU | Delaware | Penn State | URI | Vermont |
| 8 | BC | Syracuse | UNH | UNH | Maryland |
| 9 | UNH | Rutgers | Providence | Maryland | Quinnipiac |
| 10 | Quinnipiac | Vermont | Fairfield | Quinnipiac | Drexel |
| 11 | Providence | Penn State | Syracuse | Syracuse | BC |
| 12 | WCSU | Fairfield | Rutgers | Rutgers | Fordham |

*Note: Red Font = CT Institution, Blue = New England, Green = Outside of New England*

**University of Connecticut**
**Storrs & Regional Campuses**
**Responses to Questions from Appropriations Committee Hearing on 2/24/15**

1. **Did UConn meet its commitment to NextGenCT in FY15? The original proposal called for a UConn commitment of $8.5 million in FY 15 and $13.1 million in FY 16.**

The University has made excellent progress on NextGenCT to date. Our FY15 forecast shows that we have increased enrollment by 672 students, faculty by 85, and staff by 39. UConn also awarded 79 STEM scholarships, 6 STEM fellowships and 59 student undergraduate STEM fellowships (IDEA). UConn is pursuing the following capital projects as well: new STEM research buildings, renovated STEM and non-STEM academic buildings, Deferred Maintenance building and utility projects, transportation and parking projects, equipment and information technology upgrades, new STEM Living and Learning residence hall, new Honors residence hall, and improvements at the Regional Campuses: Avery Point, Hartford, Stamford.

| UConn Contribution to NextGenCT ($M) | FY15 Original | FY15 Revised* | FY15 Forecast | FY16 Original | FY16 Budget* |
|---|---|---|---|---|---|
| | $8.5 | $4.9 | $10.5 | $13.1 | $6.9 |

* The University contribution is a direct result of the tuition collected from the increased enrollment. The University originally planned to increase enrollment at a much faster pace. Due to housing limitations, the University slowed down the enrollment plan until new residential facilities could be constructed.

2. **How much revenue does UConn generate from out-of-state students? Current year and projected if possible.**

| Out-of-State Undergrad Tuition Revenue ($M) | | % of Total |
|---|---|---|
| FY12 | $99.2 | 44% |
| FY13 | $98.2 | 43% |
| FY14 | $107.3 | 43% |
| FY15 Forecast | $120.6 | 44% |
| FY16 Budget | $141.7 | 46% |

3. **What is the current ratio of out-of-state to in-state students?**

| Percent of UConn Undergraduates who are In-State | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Storrs Campus** | **2008** | **2009** | **2010** | **2011** | **2012** | **2013** | **2014** |
| In-State | 12,686 | 12,886 | 13,022 | 13,341 | 13,293 | 13,654 | 13,717 |
| Out-of-State | 3,859 | 3,847 | 3,955 | 3,967 | 3,576 | 3,650 | 3,765 |
| International | 220 | 275 | 368 | 507 | 659 | 728 | 910 |
| **Total** | **16,765** | **17,008** | **17,345** | **17,815** | **17,528** | **18,032** | **18,392** |
| **Percent In-State** | **75.7%** | **75.8%** | **75.1%** | **74.9%** | **75.8%** | **75.7%** | **74.6%** |
| **All Campuses** | **2008** | **2009** | **2010** | **2011** | **2012** | **2013** | **2014** |
| In-State | 17,159 | 17,266 | 17,458 | 17,900 | 17,963 | 18,105 | 18,137 |
| Out-of-State | 3,911 | 3,890 | 3,991 | 4,006 | 3,613 | 3,684 | 3,814 |
| International | 302 | 340 | 432 | 566 | 725 | 806 | 1,022 |
| **Total** | **21,372** | **21,496** | **21,881** | **22,472** | **22,301** | **22,595** | **22,973** |
| **Percent In-State** | **80.3%** | **80.3%** | **79.8%** | **79.7%** | **80.5%** | **80.1%** | **78.9%** |

**4. What districts are participating in the CommPACT schools program?**

The CommPACT Schools project has been in existence now for five years. Directed by Dr. Michele Femc-Bagwell of the Neag School of Education and a collaborative board of members from AFT-CT, CAPSS, CEA, CFSA, and UConn, CommPACT resources have been deployed throughout the years to support schools in Hartford, New Haven, New London, Waterbury and Bridgeport. The successes and lessons learned from the project were documented in a 2012 report entitled, CommPACT Lessons Learned.

Now, in 2013, the CommPACT board has determined that it is time to transition the traditional CommPACT model to a new initiative with a defined focus on community schools. In Connecticut, the community schools work is taking root with the support from the teacher unions. Community schools legislation (PA 13-64) passed in 2013 paved the way for expanded community school development within the Commissioner's Network Schools and Alliance districts. CommPACT is named in the bill as one of three turnaround approaches from which community schools may select. The CommPACT board has agreed that now is the perfect time to merge CommPACT best practices with the Community Schools effort in Connecticut in ways that will result in more comprehensive and coordinated school transformation. With a direct focus in the area of family and community engagement the CommPACT School model will now be known as the CommPACT Community Schools Collaborative.

Our work in CommPACT, particularly our work in community and parent engagement as well as our processes for building inclusive school-based plans for improvement, has demonstrated our capacity for providing specific and needed technical assistance and resources to schools seeking to engage parents, families, and community partners in more meaningful and purposeful ways in schools. While CommPACT was implemented as a multi-faceted approach to school improvement, we have found that CommPACT's most effective activities have been the establishment and coordination of parent involvement and community engagement programs and activities. These tasks are outside the purview of the classroom teacher and many schools do not have resources or personnel designated to them.

The hallmarks of CommPACT – stakeholder empowerment, local level identification of challenges and needs, empowering teachers for change, parent and community engagement, cultivation of local resources, focus on data-driven problem framing, problem solving, and results analysis -– neatly align with the hallmarks of a community school: community partners, faculty buy-in, parent involvement, school as community hub, extended learning time, and wraparound services. In addition, the merging of CommPACT and Community Schools builds on the strong collaboration of CommPACT and the teachers' unions that was critical in successful school change.

In the past, CommPACT has successfully matched university faculty with schools to meet specific needs such as a need for more intensive reading instruction or a more comprehensive student behavior support system. The Neag School has recently added six faculty members with expertise in studying what works in promoting school reform and student achievement who may obtain external grant funding to provide and study interventions. CommPACT will continue to serve in this key role of aligning research to applied practice based on the needs of identified school.

The school districts we are currently serving are: East Hartford, Meriden, Bridgeport, and Waterbury.

We have had several external grants (small for CommPACT) and will endeavor to find others.

**5. Provide an explanation of how federal research grants work in terms of replacing the instructional time.**

We have leveraged research grants as much as possible to help support the operating needs of the University. Unfortunately, we cannot move any more operating costs onto grant funds because we have reached the limit of what is feasible. Funding from federal agencies has traditionally enabled universities to accomplish higher levels and types of research than would have otherwise been possible. The current trend of reductions in state budgets has now placed research at some level of risk as cutbacks to state support for higher education have driven universities such as UConn to use extramural funding to replace rather than enhance their own resources. As our state funding

cuts have continued, many of our research faculty support their teaching assistants as well as their graduate students on federal grants and scholarships. That is, teaching assistants and graduate assistants are funded by federal grants to conduct research and they also teach. Most of our faculty who receive grants and have teaching responsibilities substitute their teaching time by charging (or buying out from) their grant a portion of their salary that enables their department heads to hire adjuncts. But, the agency that funds the bulk of our research at UConn, the National Science Foundation, has restrictions on the amount of academic year buy outs that can be charged to grants.

**6. What is the initial plan for handling the approximately $40 million budget reduction? I know a bit early but a menu of possibilities would be fine.**

The recommended budget proposes to make a severe cut to UConn's state appropriation, which, if enacted, would create a gap of roughly $40 million ($60 million including fringe benefits) between the state funding needed to operate the university next year, and what the university would actually receive. To address the gap this would create, our cost-savings and revenue options will include: strategic workforce reductions and, to the extent permitted by collective bargaining obligations, unpaid furlough days for all employees including management and unionized workers, reductions to student financial aid, closing academic departments and programs – including in Storrs and the regional campuses – and ending certain degree programs. Any cost cutting will be guided by one key principle: the need to protect core academics and teaching excellence, in particular.

Simply put, everything is on the table. All of the following options and many more will be considered:

- Reduce/stop new faculty & staff hiring and refills
- Strategic workforce reductions (post SEBAC)
- Utilization of furlough days (one-time solution that must be negotiated with labor unions)
- Reduce library acquisitions
- Reduce financial aid
- Eliminate academic departments & programs
- Admit more out-of-state & international students
- Reduce athletic programs/teams

**7. Please provide a fairly detailed athletics budget for the past three years.**

| Athletics ($M) | FY12 Actual | FY13 Actual | FY14 Actual | FY15 Forecast |
|---|---|---|---|---|
| **Revenues** | | | | |
| University Support | $17.2 | $17.5 | $26.0 | $23.4 |
| Foundation | 10.9 | 7.4 | 6.4 | 7.6 |
| Ticket Sales | 11.1 | 8.9 | 10.8 | 11.9 |
| Media Rights | 8.7 | 9.6 | 10.0 | 10.3 |
| TV Rights* | 0.9 | 1.1 | | |
| Conference Revenue | 9.2 | 12.8 | 12.3 | 13.5 |
| Other (i.e. license royalties, bartering) | 5.5 | 4.7 | 4.6 | 4.0 |
| **Total Revenues** | **$63.5** | **$62.0** | **$70.1** | **$70.7** |
| **Expenses** | | | | |
| Personal Services & Fringe Benefits | $26.5 | $28.0 | $31.3 | $33.3 |
| Other Expenses (i.e. arena mgmt. & rent, travel, uniforms, catering) | 26.1 | 23.1 | 26.2 | 23.8 |
| Student Aid | 11.2 | 11.0 | 12.5 | 13.6 |
| **Total Expenses** | **$63.8** | **$62.1** | **$70.0** | **$70.7** |
| **Net Gain (Loss)** | **($0.3)** | **($0.1)** | **$0.1** | **$0.0** |

*Beginning in FY14, TV Rights accounted for in conference revenue as we no longer control that asset.

**8. How much has the UConn Foundation provided to UConn in the past three years?**

| Support from Foundation ($M) | FY12 | FY13 | FY14 |
|---|---|---|---|
| Student Support | $10.9 | $8.4 | $8.8 |
| Faculty Support | 8.3 | 11.1 | 9.7 |
| Academic Support | 8.4 | 8.6 | 9.2 |
| Facilities/Equipment/Construction | 2.8 | 7.0 | 23.2 |
| **Total Foundation Support** | **$30.4** | **$35.1** | **$50.9** |

**9. Is the University currently participating in distance learning? What future plans does the University have in this regard?**

The University established eCampus three years ago to support online courses and programs. We have more than 250 online courses at the University, and more than 20 graduate programs. At the undergraduate level, online enrollments represent approximately 35% of all summer enrollments and 50% of all winter enrollments. In the fall and spring we have more than 5,000 courses each semester that are web enhanced (with a companion Blackboard HuskyCT site), and an increasing number of courses that are blended/hybrid. eCampus also supports online graduate programs (online.uconn.edu) including entirely online degrees in Accounting (recently ranked 3rd nationally by USNWR) and Survey Research, and low residency mostly online degrees in NeoNatal Nursing, Gifted and Talented Education, Human Resource Management, and Educational Technology. As part of the initiative to create eCampus the University has also launched more than a dozen graduate certificate online programs in the past two years, in areas including School Law, Sustainability, Occupational Safety and Health, Non Profit Management, Accounting, Human Resource Management, Arts Administration, Post-Secondary Disabilities, Holistic Nursing, Leadership and Diversity in Sport Management. We are working to grow enrollments in existing programs and anticipate launching 7-10 new online programs each year for the next 3-5 years.

**10. Provide a breakdown of institutional aid.**

| FY14 Undergraduate Institutional Aid ($M) | | | | | | |
|---|---|---|---|---|---|---|
| | Storrs | | Regionals | | Total | |
| | In-State | Out-of-State | In-State | Out-of-State | In-State | Out-of-State |
| Need-Based Aid (Institutionally controlled) | $30.5 | $13.3 | $3.4 | $0.1 | $33.9 | $13.4 |
| Admissions Recruitment Scholarships | 13.5 | 11.6 | 0.5 | | 14.0 | 11.6 |
| Athletic Scholarships | 1.4 | 10.3 | | | 1.4 | 10.3 |
| Departmental Scholarships | 3.5 | 0.9 | 0.5 | | 4.0 | 0.9 |
| **Total** | **$48.9** | **$36.1** | **$4.4** | **$0.1** | **$53.3** | **$36.2** |

**11. What are the minimum requirements for a professor to be eligible for fringe benefits as a state employee?**

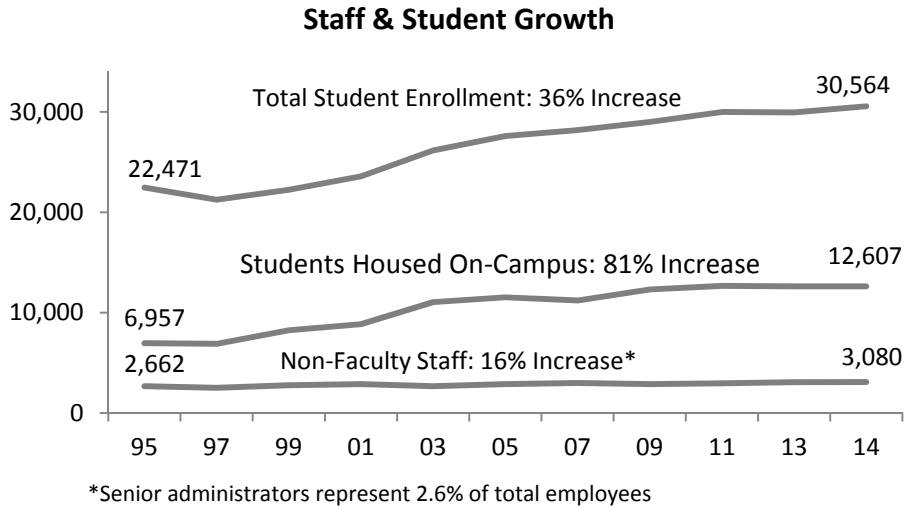
Professors must be employed 50% to be eligible for fringe benefits.

**12. What percentage of professors work on research projects in any given year?**

The vast majority of our faculty are engaged in scholarship and research projects across all disciplines. At a major land grant research university such as UConn, the expectation is that faculty are involved in the creation of new knowledge. Faculty research and creative productivity in the arts and scholarship benefits students by incorporating new knowledge into teaching, enhances problem solving experiences of our students, and enables our faculty to contribute their expertise to various government and non-governmental organizations.

For example, during the 2013-2014 academic year, 777 (66 %) of our full-time tenure track faculty, published 2,844 articles, the vast majority of them, 2,576, in refereed journals. The majority of our faculty, 943 (80%) delivered 4,363 scholarly presentations. Our faculty (32%) published 658 books and book chapters, filed 66 patents, and completed 651 artistic performances and exhibits. They also garnered 1,330 grants from state and federal agencies and foundations. In the 2013-2014 academic year, 67% of our faculty who are in departments that traditionally can garner grants, were awarded grants.

**13. What has happened to administrative costs in higher education over the past four years? Are there more administrative positions or fewer?**




*Senior administrators represent 2.6% of total employees

The data from the National Survey of Administrators in Higher Education Salaries (NSAHES), using actual data from the top 20 public research universities, of which UConn is one, reveals that the salary of nearly every senior administrator – institutional and academic – at UConn is either at or below the median salary for their position nationally among peers. NSAHES data is more reflective of administrative costs at UConn than data collected by the U.S. Department of Education survey, known as IPEDS. IPEDS data broadly categorizes groups of employees at colleges and universities and produces numbers that can be misleading.

UConn has responded to various student and staff needs over the years through the addition of specific administrative positions such as positions to support student needs (i.e. Dean of Students, Title IX Coordinator, positions in Planning, Architecture & Engineering Services for construction management, and positions in Research for grant management. The administrative positions at UConn also ensure that we are in compliance with all federal and state rules and regulations.

**14. How much do universities spend in staff, faculty, and other resources for the administrative aspects of research grants, including the application process?**

The Federal Government reimburses administrative costs of grants management at 26% of direct research expenditures (the amount provided directly for research activities). Actual administrative costs supporting research at Universities very often exceeds this capped federal rate due to regulatory compliance costs. Universities are working to have the Federal Government reimburse the full cost of research compliance, which is a major component of administrative costs. Administrative burden studies have shown that faculty devote a significant amount of effort to the compliance and administrative requirement of research- thus taking away time from the "doing" of the research.

In FY09, the University of Connecticut's (Storrs) F&A rate proposal listed $24.6 million in actual administrative costs, which approximates 38% of direct research expenditures. The University recovery is limited to $16.8 million or 26%.

**15. When a professor receives a research grant, does the professor continue to receive a full (the same amount of) salary from the state in addition to compensation for research, or is the professor's state salary reduced? Could you provide us with a list of all paid research projects done by professors at UConn and CSUs during the 2013-2014 school year?**

If the faculty members are full-time employees, then their salary is not enhanced by research grants. Rather, they are usually paid their full salary, but buy time back for others to be hired to teach classes for them to enable them to complete their research studies (see Question 5, as well). In some cases, professors who are on 9 month contracts also budget funds into their grants to pay their summer salaries (one, two, or three months) on the research grants.

A list of active research projects for FY14 is attached to this report.

**16. Does the state receive revenue as a result of patents and other successful ventures connected to UConn or State Universities? How much revenue does the state receive? How are typical revenue sharing agreements structured?**

The funds received by the University as patent revenue are managed in accordance with state and federal law, and university policy, by the Office of the Vice President for Research, Technology Commercialization Services.

Patent revenue at UConn is almost exclusively derived from research funded by federal agencies. We typically receive about $1 million a year in revenue. The use of patent revenue is guided by the Federal Bayh-Dole act which provides a uniform policy for technology transfer at institutions receiving federal research support. The act requires that all revenue, net expenses incurred for patent protection, must (1) be shared with the inventor(s) and (2) be used to support research and education.

State law and university by-laws also stipulate that patent revenue is shared with inventors. The purpose of this provision in state and federal law is to encourage inventive activity that can address federal priorities and to promote utilization of research results through commercialization.

The current distribution of net revenue is as follows:

- 33.3% to the inventor(s) on the patent as personal compensation
- 33.3% to the academic unit(s) of the inventor(s) to be reinvested in research and education
- 33.3% to the University which is reinvested in research related expenses such as prototype development and intellectual property management

Revenue from startup ventures based on UConn invented technology come to UConn through licensing agreements that stipulate that the University receive certain fees and royalty payments consistent with industry standards. Fees and royalties are treated as noted above. In some cases, the University will take a very small amount of equity in a new venture as consideration for a reduced upfront licensing fee since typically startups are unable to afford a cash outlay when they begin operations. That range is between 2 and 10 percent. Revenue that may occur through the sale of equity is also divided in accordance with the policy above.

While UConn has received state research grants, such as State Stem Cell program support, we have yet to derive revenue from those investments, though we do have multiple patents filed and two startups that have emerged from the program.

**17. Please provide salary levels for the following examples (if the salary varies depending on the discipline, please include examples of teachers in different disciplines):**

We believe it is important to first clarify various types of faculty titles to explain different types of faculty positions. The following are the different definitions of various types of faculty.

**Faculty titles (Tenure Track)**

**Professor:** title earned after service as an associate professor of at least five years, evidence of superior ability as compared with others and regarded by colleagues within and outside of the University as a capable, mature teacher, and a recognized scholar

**Associate Professor:** title usually granted with tenure after 6 years as an Assistant Professor and with promised continued growth as a teacher, and with consensus among colleagues that the faculty member is making a substantial contribution to the advancement of knowledge in his or her field.

**Assistant Professor:** initial appointment in an academic tenure track, usually with the possession of the Ph.D. degree or its equivalent; a record of success in his or her work, based on all obtainable information. Ordinarily, six years is regarded as the normal length of service in the rank of assistant professor.

**Faculty titles (non- Tenure Track)**

**Adjunct faculty** are employed part-time during the academic year as the Instructor of Record for credit courses. These positions are paid through the University's special payroll and are normally one-semester appointments.

**Research Scientist/Scholars** are temporary faculty appointments associated with carrying out self-supported research. Individuals holding these titles apply for grants as Principal Investigators and support their own research activities through such grants.

**Clinical Faculty** are hired in the Schools of Pharmacy, Nursing and Law for temporary, non-tenure track appointments hired part-time or full-time to provide clinical instruction and supervision on site.

**Professor in-Residence, Associate Professor in-Residence, Assistant Professor in-Residence** are temporary, non-tenure track appointments. Faculty members in these titles may carry out all aspects of the faculty role, teaching, research and service, and must meet the same professional criteria as the tenure track faculty, as specified in the University's Laws, By-Laws and Rules

**Lecturers** are temporary faculty who meet a specific teaching assignment, or who are filling in for someone on leave. Lecturer positions always carry an end-date which may be renewed and they are paid on the regular payroll. Lecturers may be hired with credentials and salaries comparable to regular faculty titles.

All of our 1177 tenure track faculty teach, conduct research, complete scholarship and creative work, and engage in service and outreach activities. We have some faculty (non-tenure track) whose primary responsibility is only to teach or conduct research (see titles above).

**First-Year Professors—Report of teaching load is by semester**

**Non-Tenure Track:**

- **first-year professor teaching no courses, with no research commitment?**
  NO FACULTY MEET THIS CRITERIA

- **first-year professor teaching one course, with no research commitment?**
  NO FACULTY MEET THIS CRITERIA

- **first-year professor teaching two courses, with no research commitment?**
  NO FACULTY MEET THIS CRITERIA

- **first-year professor teaching three courses, with no research commitment?**
  Dr. Q is a first year Assistant Professor in Residence (non-tenure track) in the Computer Science and Engineering Department in Fall 2014 at a salary of $62,000 per year. Dr. Q has teaching responsibilities for three courses

each semester, or six courses per year, and has taught 200 to 250 undergraduate students in introductory computing core courses per semester.

Dr. T is an Assistant Professor in Residence (non-tenure track) in Economics who was hired in 2014. Dr. T's salary is $60,000, reflecting market forces for individuals with advanced degrees in economics. Dr. T's primary duties are teaching, and in 2014, taught three core courses in introductory and intermediate level economics each semester. Dr. T's courses enrolled approximately 1,000 students.

- **first-year professor teaching four courses per semester, with no research commitment?**
  Dr. B was hired as an Assistant Professor in residence (non-tenure track) in the department of management in the School of Business in Fall 2014 at a salary of $102,000 per year after a national search. This salary reflected market conditions at that time. Dr. B teaches a seven course teaching load, four courses in the fall and three in the spring.

**Tenure Track:**

- **first-year professor teaching one course and performing research?**
  Dr. C is a first year Assistant Professor of Nutritional Sciences in the College of Agriculture, Health and Natural Resources with a 9-month salary of $76,000. He completed a post-doctoral research experience at the University of Cincinnati and was the first choice hire among a competitive national pool of applicants. Dr. C received a prestigious K01 Mentored Research Scientist Development Award from the National Institutes of Health (NIH; 2014-2019). As a requirement of this NIH funding, Dr. C is required to commit 75% to 100% of his full-time to the specific aims of this project. Dr. C's teaching load has been adjusted to accommodate this award and allow for training of graduate students and postdoctoral scientists.

- **first-year professor teaching two courses, and performing research**
  Dr. E is a first-year tenure track Assistant Professor in the Neag School of Education with a starting salary of $72,000. To receive tenure in this school, a faculty member is required to publish a minimum of 10-12 peer reviewed journal articles, to maintain an active program of professional service, to present his/her work at national conferences, to perform service work in the department, college, and university, to advise students, and to teach. Dr. E teaches two courses each semester, at either the undergraduate or graduate level.

  Dr. CC is a tenure-track Assistant Professor of Communication who was hired in 2014 at a salary of $73,000. Professor C teaches two courses per semester, or four courses per year. Dr. CC taught key courses for the communication major that during one semester enrolled over 300 students. In addition, to receive tenure, Dr. CC is expected to publish 6-10 journal articles in major disciplinary journals, supervise Ph.D. students, lecture on work nationally, and participate in departmental committee work.

- **first-year professor teaching three courses, and performing research or creative work?**
  Dr. P was hired as a tenure track Assistant Professor of print making with a focus on multimedia work in the department of Art and Art History at a salary of $60,000 per year plus fringe after a national search. This salary reflected market conditions at that time. To receive tenure in the department, a faculty member is required to maintain an active exhibition schedule, to participate yearly in group or solo exhibitions at nationally prominent museums, galleries and/or alternative spaces. A faculty member is also required to lecture on their work at museums, galleries, or colleges as appropriate, and to perform service work in the department as required and to teach. As is typically the case with all other faculty in the Art and Art History department, Dr. P teaches three courses each semester, some at the graduate and some at the undergraduate level.

- **first-year professor teaching four courses, and performing research?**
  NO FACULTY MEET THIS CRITERIA

**Fifth-Year Professors**

**Non-Tenure Track:**

- **fifth-year professor teaching one course, with no research commitment? Not applicable**
  NO FACULTY MEET THIS CRITERIA

- **fifth-year professor teaching two courses, with no research commitment? Not applicable**
  NO FACULTY MEET THIS CRITERIA

- **fifth-year professor teaching three courses, with no research commitment?**
  Dr. R was hired as an Assistant Professor in Residence (non-tenure track) in Mathematics in 2010 at an annual salary of $45,000 and is now earning $51,000. Dr. R teaches six courses per year, including the courses on discrete mathematics and business calculus that each enroll between 175 and 200 students. Dr. R also plays a role in coordinating the TA's who participate in discussion sections in these courses.

- **fifth-year professor teaching four courses, with no research commitment?**
  Dr. V was hired as a Lecturer in the Computer Science and Engineering Department (non-tenure track) in Fall 2010 at a salary of $50,000 per year, to teach four to five introductory computing core courses per year, with enrollments of 260 to 460 students total per semester. In Fall 2013, Dr. V took on the responsibility of Associate Department Head of Undergraduate Education and Outreach in addition to the teaching duties that continue in the current academic year.

**Tenure Track:**

- **fifth-year year professor teaching one course and performing research and undergraduate advising**
  Dr. X was hired in 2010 as a tenure track Assistant Professor of Physiology and Neurobiology at a salary of $75,000. He is now earning $83,400. Dr. X teaches two courses each semester, notably an Honors Course on Computational Molecular Biology for students from both CLAS Biology programs and the School of Engineering. Typical teaching load for a tenure-track faculty member in PNB is two courses per year. In addition to this, Dr. X is expected to supervise a laboratory and direct the research projects of a combination of UConn undergraduates, graduate students, and postdoctoral fellows, and secure major funding from the National Science Foundation or National Institutes of Health to support the work of Dr. X's laboratory.

- **fifth-year professor teaching two courses, and performing research?**
  Dr. D was hired as an Assistant Professor in the Department of Educational Leadership in the Fall 2008 at a salary of $71,500 per year after a national search. This salary reflected market conditions at that time. At Dr. D's 5$^{th}$ year (2012-2013) the salary was $83,146. To receive tenure in the Department of Educational Leadership, a faculty member is required to publish a minimum of 10-12 peer reviewed journal articles, to maintain an active program of professional service, to present his/her work at national conferences, to perform service work in the department, college, and university, to advise students, and to teach. Dr. D teaches two courses per semester, at the graduate level.

- **fifth-year professor teaching three courses, and performing research?**
  Dr. EE was hired as a Clinical Instructor (non-tenure track) position in the Department of Curriculum and Instruction in the Fall 2007 at a salary of $60,000 per year after a national search. This salary reflected market conditions at that time. Dr. EE's current salary is $73,041. Each academic year, responsibilities extend beyond instruction to include supervision of the fieldwork of a significant number of undergraduates (approximately 50) and the internships of 12 to14 graduate students assigned to our professional development schools in Windham and/or Glastonbury. Dr. EE has established an active, impressive record of scholarship even though as a clinical professor, Dr. EE has a 3/4 teaching load (three-four courses each semester). Dr. E has co-authored peer reviewed articles published in top tier journals and co-authored five books and five book chapters.

- **fifth-year professor teaching four courses, and performing research?**
  NO FACULTY MEET THIS CRITERIA

**18. Honors Program Success**

The Honors and Enrichment Programs unit provides opportunities to deepen and broaden the undergraduate experience through curricular and co-curricular means at the University of Connecticut. Through experiential learning, mentorship, and opportunities for research and creative scholarship, excellent students from every school, college, and campus at UConn are able to enhance their college education. With the exception of the Honors Program, which has an admissions process, Enrichment Programs are open to all UConn undergraduates. The following information summarizes achievements during the past academic year:

**The Office of Undergraduate Research** (OUR) distributed over $377,000 in funding to support undergraduate research and creative projects in 2013-14. This figure includes $223,000 for 58 SURF (Summer Undergraduate Research Fund) awards, $31,000 for OUR supply and travel awards, $40,000 to support the SHARE (Social Sciences, Humanities, and Arts Research Experience) research apprenticeship program, and $21,000 in Life Sciences Honors Thesis Awards. 29 students were selected to participate in the UConn IDEA Grants program, an undergraduate opportunity for creativity, innovation, original research, and service first launched in spring 2013. A new undergraduate research exhibition, Fall Frontiers, was introduced to offer an additional venue for students to present their research; 30 students presented at the inaugural event. The 17$^{th}$ annual Frontiers poster exhibition featured 209 posters and 225 student presenters, which mark the highest level of student participation in that event to date. In addition to hosting these two exhibitions, the OUR offers student advising, workshops, information sessions, and STEM research seminars as part of its efforts to promote undergraduate research to the university community.

**The Office of National Scholarships & Fellowships** (ONS&F) recorded 488 student appointments in the 2014 calendar year, resulting in 29 applications for prestigious national scholarships requiring nomination (Marshall, Mitchell, Udall, Rhodes, Beinecke, Goldwater, Truman, Carnegie Jr. Fellows, NCHC Portz). ONS&F has continued to see a rise in student applications for graduate fellowships and other prestigious national awards for undergraduates that do not require nomination, including nearly double the number of Fulbright applications (27) and a record number of known NSF GRFP applicants (30). 47 UConn faculty members from 21 departments assisted our office by serving on screening committees and/or mock interview panels. The labor intensive process of supporting national scholarship applicants and nominees benefits students regardless of the outcome, and finalists and winners bring great prestige to UConn. Among major competitions in 2014, UConn had 3 winners and 1 Honorable Mention in the Goldwater, 3 NSF GRFP winners and 3 Honorable Mentions, 1 NNSA Graduate Fellowship recipient, 1 Mellon Sawyer Pre-doctoral Fellowship Recipient, 1 Truman Scholar, 1 Udall Scholar, 3 Fulbright recipients, 5 Gilman recipients, a Mitchell Scholar, 3 Marshall Finalists and 2 Rhodes Finalists. Spring results are pending for the 2015 Goldwater, Truman, Fulbright, Udall and NSF GRFP (and other graduate fellowship) competitions.

**The Individualized and Interdisciplinary Studies Program** supports students in a rigorous process of creating individualized plans of study with an interdisciplinary focus. With about 140 students and 59 graduates in 2014, the IISP supports students in majors focused on a wide variety of themes, with social science themes being the most common. In 2014, 33 percent of students pursued an individualized major as a second major and 20 percent were Honors students; these figures are consistent with five year averages. IISP continues to focus on improving the quality of the students and the quality of their experience. Notably, in 2014, the program's one-credit gateway course, first taught as a special topics course in Fall 2013, was approved as a regular course. Because of the significant number of internationally themed individualized majors, IISP is collaborating with Global Affairs as it considers the introduction of a global studies major.

**The University Scholar Program** allows students to design and pursue an in-depth research project and to craft an individualized plan of study that supports their intellectual interests during their final three semesters. The

University Scholar Program is one of the most prestigious programs for undergraduates at UConn and a maximum of 30 students may be selected. In Dec. 2014, 28 juniors were selected from a pool of 49 applicants, the largest applicant pool in recent years.

**The Pre-Law Center** is committed to assisting students and alumni interested in pursuing legal careers. The Pre-Law Advisor assists and guides students with determining whether or not to apply to law school, choosing law schools, and preparing personal statements and resumes. This year, the Pre-Law Center continued to grow opportunities for pre-law students. The number of law schools attending the annual Law School Fair grew again this year, as did the number of student attendees. We launched “Lunch with Lawyers", a new speaker series giving small groups of students the opportunity to talk with practicing attorneys in a variety of fields. Pre-Law student groups have also grown. The Law Society has hosted significantly more events this year, including a successful visit to three Boston law schools. Moot Court performed extremely well at the Regional Competition, with one student earning a Top Orator award and one team advancing to the National Competition held in Miami in January. The Pre-Law Center is again offered new courses, including “Morality Police” as part of the Honors Program UNIV series, and “Applied Legal Analysis” to help students improve their legal argument skills. The Pre-Law Advisor also serves as Director of the Special Program in Law, which provides incoming freshman honors students with conditional acceptance to UConn Law School, one-on-one counseling, and special events and programs. In addition to UConn Law, UConn Pre-Law students have been accepted to many top law schools, including Georgetown, UVA, UPenn, Cornell, NYU, and many more.

**The Pre- Medicine/Pre-Dental Medicine Centers** assist students and alumni in learning about and preparing for medical and dental school. The center is staffed by an advisor with proven expertise in medical/dental school admissions. This focused guidance is critical to helping students select appropriate schools, complete competitive applications and make decisions after returns are in. This support also includes special classes and advisement for these students, many of whom matriculate to UConn professional schools even though they have the option of going to other schools. The Pre-Medical/Pre-Dental Center has seen an increase in applicants. For the 2014/2015 application cycle, the Pre-Medical/Pre-Dental Center completed 263 composite letters for applicants and provided all attendant advising services for students considering the health professions. Eleven students enrolled in the inaugural year of the Pre-Medical/Pre-Dental Post Baccalaureate Certificate Program accepted by the Board of Trustees in the fall of 2013.

**The Honors Program** welcomed 508 incoming students in the fall of 2014 and now has approximately 1975 students. The new STEM Scholars community within Honors, part of NextGenCT, welcomed 79 STEM Scholars in the fall of 2014. The Honors Program staff members have engaged in strategic planning this year to prepare for this new group of students. Matriculating an additional 50 freshmen was accomplished while maintaining the quality of the first-year student population, which boasts an average SAT (critical reading and math) of 1405 and a high school class rank of 96%. Many students entered UConn with advanced standing through AP/ECE/IB credits; 60% of students had second semester standing or above, and 28% of students had sophomore standing or above. Honors has continued to work with schools and colleges to ensure that Honors sections and Honors courses are available for Honors students as well as high-achieving non-Honors students who wish to enroll. The Honors Program is currently engaged in creating a new residence hall as part of the NextGenCT CT initiative. Plans are for the hall to house 650 students on south campus. The facility includes a dining hall, two classrooms, programming rooms, and the offices of the Honors Program, creating a hub for Honors education on campus. The building is scheduled to open in Fall 2017. Currently there are four Honors Living Learning Communities, with 60% of all Honors students living in one of these communities.

The Honors Program has strengthened its ties with regional campuses, by increasing recruitment and course offerings at Avery Point, Greater Hartford, Stamford, Torrington, and Waterbury. The Honors Program and its students have also benefitted from the dedication of UConn faculty members who advise students and supervise the Honors thesis or creative project. This is noted in the fact that 342 students graduated with Honors in 2013 – 2014, an increase of almost 50 graduates from 2012 – 2013. This is the largest class of students to graduate with the Honors Scholar designation in the history of the Honors Program.

**19. How many valedictorians & salutatorians at all CT high schools – how many of those do we enroll**?

Of the total valedictorians and salutatorians at all Connecticut public and private high schools, UConn enrolled 160 in FY15 or more than 25% of all state valedictorians and salutatorians.

**20. Number of UConn grads staying in CT after graduation?**

Our Alumni Survey demonstrates that 80% of our CT residents who graduate stay and work in Connecticut, and 14% of our out-of-state students remain in CT to work and live.

**21. Commitment to Financial aid**

| **Total Financial Aid in Budget ($M)** | **FY11 Actual** | **FY12 Actual** | **FY13 Actual** | **FY14 Actual** | **FY15 Forecast** | **FY11-FY15 % Change** |
|---|---|---|---|---|---|---|
| Tuition Funded Aid | $63.1 | $70.5 | $74.5 | $77.9 | $83.0 | 32% |
| Other Scholarships | 4.1 | 5.1 | 6.7 | 8.1 | 10.1 | 146% |
| State Aid | 13.1 | 10.7 | 9.5 | 9.4 | 11.4 | -13% |
| Federal Aid | 26.1 | 23.0 | 23.5 | 24.3 | 26.1 | 0% |
| Private Aid | 12.0 | 11.8 | 11.0 | 12.3 | 11.2 | -7% |
| **Total Aid in Budget** | **$118.4** | **$121.1** | **$125.2** | **$132.0** | **$141.8** | **20%** |

NextGenCT commissioned the creation of a STEM Scholar Community at the University of Connecticut. The STEM Scholar Community for the 2014-2015 Academic Year includes 79 first-year undergraduates. Students were granted the STEM Scholar designation in conjunction with a merit scholarship awarded by the Office of Admissions. The STEM Scholar designation also included an automatic admittance to the Honors Program.

STEM Scholars form a community within the Honors program, and the community is tailored to attract and serve the most talented entering students in the STEM disciplines. In addition to all of the opportunities that are inherent to membership in UConn's Honors Program, STEM Scholars work with the Honors Program STEM Scholar Advisor, whose role is to ensure students are connected to the resources they need to be successful as well as opportunities to pursue research and creative activities in STEM fields. Students participate in events and programs, meet individually and in groups with the STEM Scholar advisor, and receive regular communications about curricular and co-curricular opportunities at UConn and beyond. Examples of these opportunities include Honors course offerings, special seminars and speakers, undergraduate research, internships, and study abroad, all with a STEM focus. Curricular and co-curricular components will continue to be developed to support this group of STEM Scholars as well as all students studying STEM in the Honors Program.

Each semester, students' records are reviewed by staff members in the Honors Program and the Office of Student Financial Aid Services. In order to retain the STEM Scholar designation, students must remain active participants in the Honors Program (enroll in the requisite number of Honors courses and meet the minimum GPA requirements of the Honors Program), continue to make academic progress in a STEM major, and meet any additional requirements for scholarship retention outlined by the Office of Student Financial Aid Services.

STEM Scholars Selection Eligibility Criteria: Beyond submitting an application for admission, no additional application is required. The program is available to incoming first-year students through the admission process. Students who apply to an academic major in a STEM discipline are considered for the award. Competitive candidates must present exceptional academic merits, as well as have demonstrated their commitment to STEM disciplines through involvement in co-curricular STEM related activities, employment/internships, or other unique leadership opportunities with an emphasis on STEM fields. Students from diverse backgrounds were identified for Academic Year 2014-2015 based on active participation in STEM fields prior to college and an expressed intention to continue in a STEM major at UConn. Students were granted the STEM Scholar

designation in conjunction with a merit scholarship awarded by the Office of Admissions. The STEM Scholar designation also included an automatic admittance to the Honors Program.

For FY15, there were 12,261 applicants for the program. 79 scholarships were awarded - $703,220 (54 awards) to in-state students and $470,000 (25 awards) to out-of-state students for a total of $1,173,220 in scholarships.

**22. Specifically, how will NextGenCT be impacted by this cut?**

We will definitely need to slow the growth of our student population, and also need to slow our rate of faculty hires. With fewer faculty, we will have fewer research grants, scholarly products, and creative work completed. We will also most likely have fewer patents and companies formed.

**23. How many students (number & percent) are taking a full load of 15 credits so that they graduate on time?**

It is important to realize that at UConn, we consider 12 credits full time because that is the requirement for full-time study by the federal law for financial aid. Of 17,460 students we have 17,434 taking 12 credit hours or more, for a percentage of 99.8% of our students taking a full-time load of 12 or more credits.

Of our current 17,460 full-time degree-seeking students at the Storrs campus, in the fall of 2014, 10,689 (61%) were taking 15 credit hours, contributing to our very high 4-year and 6- year graduate rates. We are ranked 6th of the 58 public research institutions in our 4-year graduation rate.

**24. Governor's Scholarship Program**

The University has received a total $10,951,512 to date in FY15 through the Governor's Scholarship Program which is administered by the Office of Higher Education. Of this total, $6, 579,957 was for need-based awards to 2,394 students with an average dollar amount per award of $2,748; $4,371,555 was for merit-based awards to 1,281 students with an average dollar amount per award of $3,413.

**25. How else does the NextGenCT initiative help students?**

The NextGenCT initiative includes funding for STEM fellowships and the UConn IDEA Grant Program. The STEM Fellowship program guarantees four years of full academic support, assuming satisfactory progress toward the student's degree. During the first year, the support will be 100% funded by The Graduate School in the form of a full assistantship for the academic year paired with a summer stipend, bringing the total stipend to approximately $25,000. During the remaining three years, 100% of the award will be funded by the host program or department nominating the student. The host program or department will assign research responsibilities associated with the assistantship for all four years. The program is designed to help departments/PIs/faculty members recruit outstanding scholars to the University. These awards are made to those students applying to doctoral programs who represent the very best of the year's entering graduate student class. To be eligible for an award, students must be an applicant for admission to a University doctoral program. Current UConn students may be nominated for the Fellowship if they are applying for admission to a doctoral program, but they will be given a lower priority for an award than students who are new to the University.

The UConn IDEA Grant Program is an opportunity for creativity, innovation, original research, and service. Undergraduate students may apply to the program as individuals or in small groups to seek support for project ideas they have developed. These ideas may take the form of creative endeavors, community service initiatives, research studies, entrepreneurial ventures, or other self-designed projects. The program is structured in four stages: Imagine, in which students submit project proposals for review; Develop, in which the selected students complete project development activities to revise and finalize their plans; Engage, in which the students execute their project plans; and Apply, in which students share their learning with appropriate audiences. Funding of up to $5,000 per student is available, comprised of an initial award up to $4,000 and supplemental funding up to

$1,000 for additional expenses associated with executing or presenting the project. In addition to funding, grant recipients receive considerable support from the UConn IDEA Grant Program Coordinator. Two application cycles are held each year: a fall application cycle for summer funding and a spring application cycle for academic year funding. To be eligible for the program, applicants must be UConn undergraduate students in good academic standing, must agree to complete project development activities and the proposed project, and must plan to graduate no sooner than one year from the time when they apply.

**Appendix: Additional Tenure Track and Non-tenure Track Case Studies**

- **first-year professor teaching one course and performing research?**
  Dr. J is an Assistant Professor in the Department of Plant Science and Landscape Architecture with 70% of time committed to extension efforts for supporting the state's greenhouse industry. Dr. J's 11-month salary is $78,014. Dr. J directs the work of one MS graduate student, contributing to department committees and is part of a regional research project, NE-1335 - Resource Management in Commercial Greenhouse Production. Dr. J is part of an interdisciplinary team from CAHNR that recently received a $400K grant to estimate and reduce agricultural water use in Connecticut.

  Dr. G was hired as an Assistant Professor in the Biomedical Engineering Department in Fall 2014 at a salary of $87,000 per year after a national search. As a condition of the NIH KO1 research grant in the amount of $750K that Dr. G brings to UConn, Dr. G can only teach one course in each of her first two years, and two courses in the third year, in addition to several independent study courses per semester.

  Dr. O was hired as a Professor with tenure and Department Head in the Biomedical Engineering Department Fall 2014, and holds an Endowed Chair position. Dr. O's salary is $205,556 (10-month appointment) per year, indicative of the market conditions at the time for a Chair professor with administrative responsibility. Dr. O brings approximately $1.7M in current research funding from the Office of Naval Research and the Dept. of U.S. Army, and has a pending proposal with the National Science Foundation in the amount of $2.2M which, if funded later this year, will also come to UConn. Dr. O will be teaching one course per year in addition to administrative and research responsibilities.

- **first-year professor teaching two courses, and performing research?**
  Dr. K is a tenure-track Assistant Professor of History, specializing in the History of Vietnam. Dr. K has a joint appointment with the Institute for Asian and Asian American Studies and a salary of $69,000. Dr. K's teaching duties are split between Asian and Asian American Studies and History, with a typical load being two courses in each category each semester. To receive tenure, Dr. K is expected to complete and publish a book by 2020, as well as journal articles in major peer-reviewed journals. Dr. K is also expected to supervise graduate student and undergraduate research projects, carry out committee work in the department, and lecture nationally and internationally on research.

  Dr. N was hired as a first year tenure track Associate Professor in the department of Music at a salary of $75,000 per year plus fringe after a national search. This salary was competitive; if not slightly lower than other institutions at that time. To receive tenure in the department, a faculty member is required to maintain an active program of professional conducting at a national level, to attend and present at national conferences and/or to present master classes and conduct clinics nationally. Dr. N is also required to perform some service/committee work for the department as required, and to teach. Dr. N directs choral rehearsals for six hours per week and performs in 5-10 concerts annually; teaches four courses per year at undergraduate and graduate levels and gives individual conducting lessons to four graduate students for one hour each per week. Dr. N also advises undergraduate students.

  Dr. F is an Assistant Professor of Mathematics hired in 2014 at a salary of $87,000. Dr. F held a National Science Foundation Postdoctoral Research Fellowship, one of the most prestigious and competitive national awards for new Ph.D.'s at Stony Brook before joining UConn. Dr. F usually teaches two courses in the fall semester. In addition, to receive tenure Dr. F is expected to publish 6-10 papers in major research journals in mathematics, supervise graduate student and undergraduate research, participate in committee work, and lecture nationally on Dr. F's work. While not an absolute requirement for tenure, Dr. F is also strongly encouraged to secure National Science Foundation or National Security Agency funding to support work.

- **first-year professor teaching three courses, and performing research?**

  Dr. H was hired as a tenure track Assistant Professor in the department of Dramatic Arts in the Fall 2014 at a salary of $60,000 plus fringe per year after a national search. This salary reflected the national norm and his level of technical expertise at that time. To receive tenure in the department, a faculty member is required to continue their research on automation and flying, to work on new technologies at professional theatres on an ongoing basis, to maintain an active program of professional service, to attend at national conferences, to perform service work as requested in the department, and to teach. Dr. H is required to oversee all technical direction at Connecticut Repertory Company (CRT) and act as Technical Director for selected shows at CRT each year. As is typically the case with all other faculty in the Dramatic Arts department, Dr. H teaches five courses per year, three in the fall, some at the graduate and some at the undergraduate level.

- **fifth-year professor teaching two courses, and performing research?**

  Dr. S is an Assistant Professor who started in the Department of Plant Science and Landscape Architecture in January of 2009. Dr. S was hired following the completion of a national search; the current 11-month salary is $88,625. Dr. S's responsibilities serve all three missions in that Dr. S performs research, teaches students and interacts with and runs workshops concerned with turfgrass diseases for industry professionals. Dr. S is expected to spend 50% of time with the latter responsibility which requires travel throughout the state on a regular basis diagnosing diseases, and consulting with managers of athletic fields and golf courses. Dr. S is responsible for the Turfgrass Disease Diagnostic Center. Dr. S teaches one undergraduate course in the fall and is the instructor-of-record for the spring semester graduate student seminar.

  Dr. W whose current 9-month salary is $84,755 is in his fifth year as an Assistant Professor. Dr. W teaches an undergraduate and a graduate course as well as a 1-credit "writing-in-the-discipline" course in the fall semester; in the spring Dr. W teaches the undergraduate seminar for all Animal Science majors. Dr. W serves as an instructor-of-record for several independent studies and for students engaged in undergraduate research and directs two Ph.D. graduate students and one postdoctoral scientist. Additionally, Dr. W advises 35 undergraduate students. Dr. W began UConn career in 2008 following post-doctoral training at the Musculoskeletal Disease Center, Loma Linda VA Hospital (Loma Linda, CA). Dr. W is in tenure year and has published 25 scholarly journal articles. Dr. W is PI/Co-PI on several active grants and serves as a Section Editor for the *Journal of Animal Science.*

  Dr. Y was hired as an Assistant Professor in the Chemical and Biomolecular Engineering Department in Spring 2010 at a salary of $80,000 per year after a national search. This salary is reflective of the market conditions at the time. Dr. Y teaches two courses each semester and four undergraduate courses per year in addition to graduate level and several independent study courses per semester. Dr. Y has secured more than $2.2M in funding as Principal Investigator (PI) or Co-PI from federal, state and private agencies, and has published the results of work in high quality journals. Dr. Y's research program currently supports eight Ph.D. students. Dr. Y is required to continue to secure significant research funding from federal, state and private agencies; to publish the results of research in high quality peer-reviewed scholarly journals; to present work at national and international conferences; to perform service at the department, school and university levels and to professional organizations; to participate in mentorship and education of graduate students, and in particular PH.D. students; and to teach at the graduate and undergraduate level.

  Dr. A is a tenured Associate Professor of Political Science who was hired in 2010 at a salary of $82,000 and now earns just under $90,000. The typical teaching load for a Political Science Professor is four courses per year, or two courses each semester, and Dr. A has taught a wide range of courses in the department during time at UConn. Dr. A is associated with the Human Rights Institute. Dr. A has recently published a book and operates the Human Rights Data Project which provides quantitative assessments of government respect for human rights for 202 countries. This data is used by a wide variety of governments and NGO's to estimate the human rights impact of policy recommendations on human rights.

Dr. GG was hired as an Assistant Professor in the School of Social Work in Fall 2010 at a salary of $72,000 per year after a national search. This salary reflected market conditions at that time. To receive tenure in the School, Dr. GG is required to publish 10 or more peer reviewed journal articles by 2015 and present scholarship at national conferences. Tenure requirements also require Dr. GG to serve on school committees and at least one professional service activity outside the school. Dr. GG teaches the typical workload for assistant professors, which is two courses per semester, and four courses per year.

Dr. M was hired as an Associate Professor in the Civil and Environmental Engineering Department in Spring 2010 at a salary of $78,000 per year after a national search. This salary is reflective of the market conditions at the time. Dr. M teaches two courses per semester, in addition to several independent study courses per semester. Dr. M has secured over $830,000 in funding from competitive national agencies. Dr. M's research program currently supports two Ph.D. students.

Dr. Z was hired as an Associate Professor in the Computer Science and Engineering Department in Fall 2010 at a salary of $85,000 per year after a national search. This salary is reflective of the market conditions at the time. Dr. Z has taught, on average, two courses per semester at the undergraduate and graduate level, in addition to several independent study courses per semester. Dr. Z has secured more than $1.3M in funding as Principal Investigator (PI) or Co-PI from competitive federal and medical funding agencies, and has more than $1.7M in pending proposals. Dr. Z's research program currently supports four Ph.D. students.

Dr. U was hired as an Assistant Professor in the Department of Educational Leadership in the Fall 2008 at a salary of $71,500 per year after a national search. This salary reflected market conditions at that time. At Dr. U's 5$^{th}$ year, the salary was $83,146. To receive tenure in the Department of Educational Leadership, a faculty member is required to publish a minimum of 10-12 peer reviewed journal articles, to maintain an active program of professional service, to present his/her work at national conferences, to perform service work in the department, college, and university, to advise students, and to teach. Faculty in the Educational Leadership department typically teach two courses per semester and four courses each year, at the graduate level.

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Agricultural and Resource Economics | Berning, Joshua | USDA/Department of Agriculture/Cornell University | Hunger-Driven Food Choices: An Experiment to Test the Effect of Providing Pre-Lunch Snacks on School Lunch Choices | 120941 | 6/1/2012 | 9/30/2013 | $20,000 |
| Agricultural and Resource Economics | Bravo-Ureta, Boris E | U.S. Agency for International Development/North Carolina State University | Using Applied Research and Technology Transfer to Minimize Aflatoxin Contamination and Increase Yield, Quality and Marketing of Peanut in Ghana | 140047 | 5/1/2014 | 7/30/2017 | $93,100 |
| Agricultural and Resource Economics | Bravo-Ureta, Boris E | U.S. Agency for International Development/University of Georgia | Productivity and Profitability Growth in Peanut Production: A Farm Level Analysis in Malawai, Mozambique and Zambia | 141574 | 8/1/2014 | 7/30/2017 | $230,018 |
| Agricultural and Resource Economics | Bravo-Ureta, Boris E | U.S. Agency for International Development/University of Georgia | An Integrated Global Breeding and Genomics Approach to Intensifying Peanut Production and Quality | 140063 | 11/26/2013 | 7/30/2017 | $19,000 |
| Agricultural and Resource Economics | Bravo-Ureta, Boris E | U.S. Agency for International Development/Virginia Polytechnic Institute and State University | Capacity Building for Agricultural Education and Research (CBAER) in Senegal: A Needs Assessment of the Expected Demand for Professionals Trained in Agricultural Sciences in Senegal | 101437 | 9/1/2010 | 9/30/2015 | $597,143 |
| Agricultural and Resource Economics | Bravo-Ureta, Boris E | USDA/CSREES | The Economic and Environmental Sustainability of Small and Medium Size Dairy Farms in New England | 091290 | 1/1/2010 | 12/31/2013 | $404,966 |
| Agricultural and Resource Economics | Bravo-Ureta, Boris E | USDA/National Institute of Food and Agriculture | Interaction Between Productivity Growth and Environmental Factors for Multi-output Farms with a Dairy Focus | 111017 | 9/1/2011 | 8/31/2015 | $318,103 |
| Agricultural and Resource Economics | Campbell, Benjamin L | New England Regional Turfgrass Foundation | Economic Impact and Contribution of the Turfgrass Industry in New England | 130675 | 6/1/2013 | 1/31/2015 | $36,570 |
| Agricultural and Resource Economics | Campbell, Benjamin L | USDA/Agricultural Research Service/University of Florida | Increase the Sales and Marketability of Florida Commercially Grown Speciality Crops | 131129 | 12/23/2013 | 12/31/2015 | $2,700 |
| Agricultural and Resource Economics | Campbell, Benjamin L | USDA/Department of Agriculture/CT Department of Agriculture | Increasing the Value of CT Speciality Crops through Increased Labeling and Access | 131343 | 11/22/2013 | 9/28/2016 | $73,163 |
| Agricultural and Resource Economics | Cotterill, Ronald W | USDA/National Institute of Food and Agriculture | Food Marketing Policy Center for Research | 100999 | 9/1/2010 | 8/31/2013 | $373,198 |
| Agricultural and Resource Economics | Huang, Rui | USDA/Economic Research Service/South Dakota State University | Economics of WIC and Infant Formula Markets | 131054 | 9/27/2012 | 8/31/2015 | $12,000 |
| Agricultural and Resource Economics | Lopez, Rigoberto | USDA/CSREES | USDA National Needs Fellowships for M.S. in Resource Economics with a Focus on Integrated Watershed Management and Policy | 091179 | 1/1/2010 | 12/31/2014 | $218,000 |
| Agricultural and Resource Economics | Pomeroy, Robert S | Nature Conservancy | Valuing the Coast: Long Island, New York | 140336 | 10/18/2013 | 8/15/2014 | $22,000 |
| Agricultural and Resource Economics | Pomeroy, Robert S | NSF/GEO/Directorate for Geosciences/Conservation International Fund | Belmont Forum Collaborative Research: Maintaining Productivity and Incomes in the Tonle Sap Fishery in the Face of Climate Change | 131204 | 10/1/2013 | 8/31/2016 | $52,853 |
| Agricultural and Resource Economics | Pomeroy, Robert S | U.S. Agency for International Development/Oregon State University | Development of Alternatives to the Use of Freshwater Low Value Fish for Aquaculture in the Lower Mekong Basin of Cambodia and Vietnam: Implications for Livelihoods, Production and Market | 070629 | 4/1/2007 | 9/30/2015 | $1,683,565 |
| Agricultural and Resource Economics | Shah, Farhed | Korea Environment Institute | Data Collection and Analysis for Future Adaption and Application of R-Rescon Software to Mekong River | 140541 | 11/18/2013 | 12/31/2013 | $10,000 |
| Agricultural and Resource Economics | Swallow, Stephen K | NSF/BIO/Directorate for Biological Sciences/University of Virginia | Long-Term Nonlinear Dynamics of a Coastal Barrier System | 120703 | 12/1/2012 | 11/30/2015 | $75,000 |
| Agricultural and Resource Economics | Swallow, Stephen K | NSF/BIO/Directorate for Biological Sciences/University of Virginia | Social Science Supplements: Testing Auction Mechanisms for Ecosystem Services | 111040 | 1/1/2011 | 11/30/2013 | $37,579 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Agricultural and Resource Economics | Swallow, Stephen K | USDA/Department of Agriculture | Developing Ecosystem Services Businesses as New Revenues for Farms in Communities Facing Exurban Development | 130055 | 3/15/2012 | 12/31/2013 | $183,641 |
| Agricultural and Resource Economics | Swallow, Stephen K | USDA/Department of Agriculture | Credit Stacking in Environmental Markets: Farmers' Participation Incentives, Social Efficiency and Potential Environmental Consequences | 131236 | 3/1/2014 | 2/28/2016 | $289,250 |
| Agricultural and Resource Economics | Swallow, Stephen K | USDA/National Institute of Food and Agriculture | Making Markets for Ecosystem Services of Farms on the Rural Fringe: Vermont Grasslands for Hay and Nesting Songbirds | 110885 | 7/1/2011 | 6/30/2015 | $450,499 |
| Agricultural and Resource Economics | Swallow, Stephen K | USDA/National Institute of Food and Agriculture/University of California, Berkeley | Ecosystem Auctions for Decision Support (EADS) Project - UConn | 120011 | 6/1/2011 | 12/31/2013 | $61,081 |
| Allied Health Sciences | Bureau, Paul J | PHS/CDC/National Institute for Occupational Safety and Health/University of CT Health Center | Recovery from Catastrphic Weather:  Mold Exposure and Health-Related Training | 131440 | 9/30/2013 | 9/29/2015 | $17,500 |
| Allied Health Sciences | Copenhaver, Michael M | PHS/NIH/National Institute on Drug Abuse | HIV Prevention and Adherence Among Priority Drug Using Populations | 130169 | 4/1/2013 | 3/31/2018 | $697,150 |
| Allied Health Sciences | Copenhaver, Michael M | PHS/NIH/National Institute on Drug Abuse | Secondary HIV Prevention and Adherence Among HIV-infected Drug Users | 120174 | 4/1/2012 | 3/31/2017 | $3,148,014 |
| Allied Health Sciences | Copenhaver, Michael M | PHS/NIH/National Institute on Drug Abuse/Yale University | Adapting HHRP for Positive Transitions (PT) in Malaysia | 080742 | 9/1/2008 | 6/30/2014 | $124,687 |
| Allied Health Sciences | Duffy, Valerie B | PHS/Centers for Disease Control and Prevention/Westat | NHANES Chemosensory Development and Implementation Protocol | 130602 | 1/1/2013 | 12/31/2013 | $99,015 |
| Allied Health Sciences | Duffy, Valerie B | PHS/Centers for Disease Control and Prevention/Westat | NHANES Chemosensory Development and Imlementatin Protocol | 140598 | 1/1/2014 | 6/30/2015 | $106,475 |
| Allied Health Sciences | Duffy, Valerie B | PHS/National Institutes of Health/University of CT Health Center | Taste, Preferences and Behavior: Effects of Nicotine and Flavoring in Electronic Cigarettes | 131388 | 9/30/2013 | 8/31/2018 | $424,148 |
| Allied Health Sciences | Duffy, Valerie B | PHS/NIH/National Institute on Drug Abuse/University of CT Health Center | Manipulating Tobacco Constituents in Female Menthol Smokers | 131389 | 9/30/2013 | 8/31/2018 | $93,318 |
| Allied Health Sciences | Faghri, Pouran D | NSF/National Science Foundation/University of CT Health Center | Electronically Mediated Complex Tissue Regeneration | 130764 | 8/1/2013 | 7/31/2017 | $215,999 |
| Allied Health Sciences | Faghri, Pouran D | PHS/CDC/National Institute for Occupational Safety and Health/University of Massachusetts at Lowell | Centers of Excellence to Promote a Healthier Workforce | 110668 | 8/1/2011 | 7/31/2016 | $240,385 |
| Allied Health Sciences | Faghri, Pouran D | PHS/CDC/National Institute for Occupational Safety and Health/University of Massachusetts at Lowell | Center for the Promotion of Health in the New England Workplace (HITEC II) | 120865 | 8/1/2012 | 7/31/2016 | $630,680 |
| Allied Health Sciences | Fridell, Yih-Woei C | PHS/NIH/National Institute of Neurological Disorders and Stroke | A Role of hUCP2 in Mitochondrial Quality Control and Dopaminergic Neuroprotection | 131021 | 9/30/2013 | 8/31/2015 | $323,007 |
| Allied Health Sciences | Kerstetter, Jane E | USDA/CSREES/Yale University | Mechanisms of Dietary Protein-Induced Changes in Calcium Absorption Efficiency | 091023 | 9/1/2009 | 8/31/2013 | $149,652 |
| Allied Health Sciences | Lai, Laijun | CT Department of Public Health | Generation of Hematopoietic Stem Cell and T-cell Progenitors from Human ESCs | 120008 | 8/1/2011 | 10/1/2014 | $886,531 |
| Allied Health Sciences | Lai, Laijun | CT Department of Public Health/Connecticut Innovations, Inc | Inducing Immune Tolerance to hESCs and their Derivatives by the hESC-Derived Thymic Epithelial Cells | 120637 | 11/1/2012 | 11/1/2016 | $562,500 |
| Allied Health Sciences | Lai, Laijun | CT Department of Public Health/University of CT Health Center | Immunotherapy of Melanoma and Colon Cancer by a Recombinant IL-7/HGFB Protein | 111350 | 3/1/2012 | 8/31/2013 | $356,445 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Allied Health Sciences | Leahey, Tricia M | PHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/Miriam Hospital | A State-Wide Initiative to Spread Effective Behavioral Weight Loss Strategies | 150173 | 8/23/2014 | 6/30/2015 | $35,000 |
| Allied Health Sciences | Martin, Kathleen S | Aetna Foundation | Evaluating Getting Ahead Workshops at Freshplace | 120832 | 12/1/2012 | 12/31/2013 | $50,000 |
| Allied Health Sciences | Martin, Kathleen S | University of CT Health Center | Implementation and Dissemination of Freshplace to Advance Nutrition Science and Policy | 100714 | 4/1/2010 | 3/31/2014 | $400,000 |
| Animal Science | Andrew, Sheila M | USDA/National Institute of Food and Agriculture/University of Vermont | Optimizing the Feeding of Snaplage to Reduce the Cost of Production and to Enhance Sustainability of Dairy Farms in the Northeast | 121191 | 8/1/2012 | 12/31/2013 | $14,944 |
| Animal Science | Andrew, Sheila M | Walker (George) Milk Research Fund | Validation of the Use of Ultrasound Technology to Reduce Intramammary Infections in Heifers during the Pre-Partum Period | 140883 | 3/15/2014 | 12/31/2015 | $18,858 |
| Animal Science | Andrew, Sheila M | Walker (George) Milk Research Fund | The Development of a Farmer-Directed Team Approach to Mastitis Control Programs for Enhancing Raw Milk Quality on Dairy Farms in Connecticut | 100698 | 2/1/2010 | 12/31/2015 | $13,000 |
| Animal Science | Andrew, Sheila M | Walker (George) Milk Research Fund | Reducing the Cost of Producing Milk to Enhance Sustainability of Dairy Farms in New England: Evaluating the Variability in Nutrient Content of Snaplage across the Northeast U.S. | 131048 | 3/15/2013 | 6/30/2014 | $5,000 |
| Animal Science | Andrew, Sheila M | Walker (George) Milk Research Fund | The Development of a Farmer-Directed Team Approach to Mastisis Control Programs for Enhancing Raw Milk Quality on Dairy Farms in Connecticut | 110747 | 2/1/2011 | 12/31/2015 | $10,000 |
| Animal Science | D'Amico, Dennis | USDA/Agricultural Marketing Service/Dairy Management Inc (DMI) | Utilization of GRAS Compounds as Antimicrobial Dip and Coating Treatments for Controlling Listeria | 141548 | 8/25/2014 | 12/31/2016 | $166,915 |
| Animal Science | D'Amico, Dennis | USDA/Department of Agriculture | Technical Assistance and Training for Small Scale Artisan Cheese Makers to Enhance Microbiological Quality and Safety of Artisan Cheeses for Compliance with the Food and Safety Modernization Act | 141152 | 7/1/2014 | 6/30/2016 | $38,000 |
| Animal Science | Govoni, Kristen E | Inovio Pharmaceuticals | Evaluation of the Antigenicity of Novel DNA-Based Foot and Mouth Disease Virus Vaccines in Swine | 130858 | 2/15/2013 | 8/1/2014 | $43,238 |
| Animal Science | Govoni, Kristen E | USDA/National Institute of Food and Agriculture | Characterization of Novel Pathways Involved in Mediating Plant-Derived Molecule Inhibition of Staphylococcus aureus Infection of Bovine Mammary Gland | 111058 | 1/1/2012 | 12/31/2015 | $149,288 |
| Animal Science | Mancini, Richard | USDA/National Institute of Food and Agriculture | Assessing the Role of Mitochondrial Proteome in Beef Color Stability | 111133 | 1/1/2012 | 12/31/2014 | $149,995 |
| Animal Science | Tang, Young | USDA/National Institute of Food and Agriculture | Generation and Characterization of Completely Reprogrammed Bovine Naive Induced Pluripotent Stem Cells | 131057 | 9/1/2013 | 8/31/2015 | $150,000 |
| Animal Science | Tian, Xiuchun C | USDA/Agricultural Research Service | Improving Cloning Efficiency | 101133 | 5/1/2010 | 4/30/2015 | $834,625 |
| Animal Science | Venkitanarayanan, Kumar S | USDA/Agricultural Research Service | Alternatives to Antibiotics for Controlling Salmonella and Campylobacter in Poultry and Poultry Products | 150015 | 7/1/2014 | 6/30/2015 | $65,000 |
| Animal Science | Venkitanarayanan, Kumar S | USDA/CSREES | Investigating the Potential of Natural Antimicrobials for Treating Bovine Mastitis | 091006 | 9/1/2009 | 8/31/2013 | $150,000 |
| Animal Science | Venkitanarayanan, Kumar S | USDA/CSREES | Reducing Salmonella Enteritidis and Campylobacter Jejuni in Chickens by Dietary Supplementation of Plant-Derived Antimicrobials and Delineating their Effect on Bacterial Gene Expression by DNA Microarray | 091177 | 3/1/2010 | 2/28/2014 | $366,107 |
| Animal Science | Venkitanarayanan, Kumar S | USDA/National Institute of Food and Agriculture | Reducing Egg-Borne Outbreaks of Salmonella Enteritidis by Integrating Research and Extension | 100778 | 9/1/2010 | 8/31/2015 | $600,000 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Animal Science | Venkitanarayanan, Kumar S | USDA/National Institute of Food and Agriculture | A Comprehensive Study Investigating the Potential Health Risk of Clostridium Difficile as a Foodborne Pathogen | 101433 | 1/15/2011 | 1/14/2015 | $866,700 |
| Animal Science | Venkitanarayanan, Kumar S | USDA/National Institute of Food and Agriculture | Pre-Harvest and Post-Harvest Decontamination Strategies for Eliminating Foodborne Pathogens on Cantaloupes | 130614 | 9/1/2013 | 8/31/2015 | $149,948 |
| Animal Science | Venkitanarayanan, Kumar S | USDA/National Institute of Food and Agriculture/USDA/Agricultural Research Service | Use of Natural Remedies to Alleviate Enteric Pathogens in Organic Poultry | 110766 | 9/1/2011 | 7/30/2015 | $259,989 |
| Animal Science | Zinn, Steven A | American Society of Animal Science | Partial Support for Post Doctoral Fellow | 090153 | 8/29/2008 | 8/31/2013 | $137,909 |
| Animal Science | Zinn, Steven A | USDA/National Institute of Food and Agriculture | Effects of Intrauterine Growth Retardation (IUGR) on Fetal Development in Sheep | 130725 | 2/1/2014 | 1/31/2016 | $150,000 |
| Anthropology | Adler, Daniel S | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Doctoral Dissertation Improvement Grant: Middle Paleolithic Lithic Technology and Behavior in the Hrazdan River Gorge, Armenia | 120568 | 8/1/2012 | 10/31/2013 | $21,168 |
| Anthropology | Boster, James S | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Collaborative Research: Cultural Models of Nature Across Cultures: Space, Causality, and Primary Food Producers | 130650 | 9/1/2013 | 8/31/2014 | $24,653 |
| Anthropology | McBrearty, Sally A | NSF/National Science Foundation/NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Middle Pleistocene Human Behavioral Adaptations in the Kapthurin Formation, Kenya | 090625 | 10/1/2009 | 9/30/2013 | $290,945 |
| Anthropology | McBrearty, Sally A | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Doctoral Dissertation Improvement Grant: Stable Isotopic Evidence for Landscape Reconstructions, Kapthurin Formation, Kenya | 131215 | 9/15/2013 | 8/31/2015 | $21,161 |
| Anthropology | McBrearty, Sally A | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Doctoral Dissertation Research Improvement Grant: The Origins of Modern Human Behavior | 131269 | 9/15/2013 | 8/31/2015 | $24,172 |
| Anthropology | McBride, Kevin A | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Doctoral Dissertation Improvement Grant: Domestic and Relational Perspectives on the Middle and Late Maritime Woodland Period Transition on the Maritime Peninsula | 140985 | 5/21/2014 | 6/30/2015 | $17,719 |
| Anthropology | Munro, Natalie | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Doctoral Dissertation Research: A Zooarchaeological Study of Ritual Practice and Animal Domestication at the Pre-Pottery Neolithic Site of Kfar HaHoresh, Israel | 140115 | 1/1/2014 | 8/31/2015 | $25,197 |
| Anthropology | Munro, Natalie | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Portrait of a Community on the Threshold of Agriculture: The Late Natufian Zooarchaeological Assemblage from Nahal Ein Gev II, Israel | 130581 | 7/1/2013 | 6/30/2016 | $95,896 |
| Anthropology | Schensul, Stephen L | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Doctoral Dissertation Research: Married Young Women's Sexual and Reproductive Health in Low-Income Communities in Mumbai India | 140135 | 5/15/2014 | 10/31/2015 | $25,184 |
| Anthropology | Schensul, Stephen L | World Health Organization/Vanderbilt University | Factors Influencing Changes in Child Survival in Sub-Saharan Africa from 1990-2011 | 131171 | 4/1/2013 | 2/28/2014 | $16,961 |
| Anthropology | Singer, Merrill | PHS/National Institutes of Health/Yale University | Disparities in HPV Vaccine Completion: Identifying and Quantifying the Barriers | 120479 | 12/1/2012 | 11/30/2014 | $15,695 |
| Anthropology | Smith, Alexia | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | CAREER: Exploring Agriculture, the Environment, and Social Change: Evidence from the Ancient Near East | 110033 | 5/1/2011 | 4/30/2016 | $412,368 |
| Anthropology | Smith, Alexia | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Doctoral Dissertation Improvement Grant: Phytoliths, Starch Grains, and Emerging Social Complexity at Tell Zeidan, Syria | 111026 | 7/1/2011 | 6/30/2014 | $17,776 |
| Anthropology | Xygalatas, Dimitrios | Economic and Social Research Council(ESRC)/University of Oxford | Ritual, Community and Conflict | 150565 | 7/1/2014 | 5/31/2016 | $25,488 |
| Anthropology | Xygalatas, Dimitrios | Templeton (John) Foundation/University of Oxford | Exploring the Effects of Rituals on Identity Fusion: A Cross-Cultural Study | 141485 | 8/23/2014 | 8/31/2015 | $64,015 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Art and Art History | Rosenberg, Barry A | Creative New Zealand | New Zealand Artist Louise Menzies - CAG Exhibition and Residency | 140187 | 11/29/2013 | 2/20/2015 | $14,358 |
| Biomedical Engineering | Chon, Ki | Mixed Sources | Design Project | 150371 | 8/23/2014 | 12/31/2016 | $100,000 |
| Biomedical Engineering | Peterson, Donald | NASA/National Aeronautics & Space Administration/University of Hartford | Changes in Upper Extremity Proprioception Induced Through Exposure to Vibration | 130442 | 1/1/2013 | 12/31/2013 | $20,000 |
| Biomedical Engineering | Sun, Wei | American Heart Association | Development of Biomechanical Models for Analyzing Percutaneous Transvenous Mitral Annuloplasty | 081095 | 1/1/2009 | 12/31/2013 | $308,000 |
| Biomedical Engineering | Sun, Wei | American Heart Association | Analysis of Transcatheter Aortic Valve Replacement for Bicuspid Aortic Valve Patients | 130041 | 1/1/2013 | 12/31/2014 | $44,000 |
| Biomedical Engineering | Sun, Wei | PHS/NIH/National Heart, Lung, and Blood Institute | Role of Animal Models in Transcatheter Valve Intervention | 110503 | 5/15/2011 | 4/30/2014 | $413,799 |
| Biomedical Engineering | Sun, Wei | PHS/NIH/National Heart, Lung, and Blood Institute | Probabilistic Modeling of Stenotic Aortic Valve Intervention | 110393 | 8/20/2011 | 6/30/2016 | $1,936,903 |
| Biomedical Engineering | Sun, Wei | PHS/NIH/National Heart, Lung, and Blood Institute | Structural Analysis of Transcatheter Aortic Valve Device | 120929 | 2/1/2013 | 1/31/2015 | $417,427 |
| Biotechnology/Bioservices Center | Wegrzyn, Jill L | USDA/Department of Agriculture/University of California at Davis | Loblolly Pine Genome Project | 140642 | 2/1/2014 | 1/31/2015 | $281,134 |
| Center for Clean Energy Engineering | Cipollini, Ned | United Technologies/UTC Power/UTC Fuel Cells | High Performance Phosphoric Acid Fuel Cells Electrodes from Soluble Polymers and Alternate Fabrication Methods | 120232 | 1/2/2012 | 10/31/2013 | $50,000 |
| Center for Clean Energy Engineering | Ganesan, Selvarani | DOE/Pacific Northwest National Laboratory | Evaluation of the Use of an Electrochemical Flow Reactor as a Replacement of the Distillation of 211At to Simplify the Automated Isolation Method | 150351 | 8/20/2014 | 3/31/2015 | $30,145 |
| Center for Environmental Sciences and Engineering | Bosker, Thijs | DOI/US Geological Survey | The Impacts of Wastewater from a Retirement Community on Fish Health | 120485 | 3/1/2012 | 2/28/2015 | $22,000 |
| Center for Environmental Sciences and Engineering | Perkins, Christopher R | CT Department of Energy and Environmental Protection | Dynamics of Nitrogen Loading and Speciation in the Urban Combined Sewer Catchments: An Assessment of the Effects of Flow Conditions | 090181 | 1/7/2009 | 4/30/2014 | $709,695 |
| Center for Environmental Sciences and Engineering | Perkins, Christopher R | CT Department of Energy and Environmental Protection | Analytical Support to the Connecticut Department of Energy and Environmental Protection for the Long Island Sound Study and Ambient Water Quality Surveys | 140506 | 7/1/2013 | 6/30/2017 | $365,474 |
| Center for Environmental Sciences and Engineering | Perkins, Christopher R | Delos Living | Verification and Validation of the Vitamin C Infuser Product | 141210 | 4/8/2014 | 7/31/2014 | $8,481 |
| Center for Environmental Sciences and Engineering | Perkins, Christopher R | DHS/Coast Guard | US Coast Guard Biodiesel Pilot Program Validation Study | 131368 | 6/13/2013 | 4/30/2014 | $6,276 |
| Center for Environmental Sciences and Engineering | Perkins, Christopher R | DOI/US Geological Survey | Analysis of PAHs and Corexit in Tissues of the Common Loon (Gavia immer) | 130241 | 9/21/2012 | 9/20/2013 | $6,000 |
| Center for Environmental Sciences and Engineering | Perkins, Christopher R | DOI/US Geological Survey | Sea Turtle Immunology and Analytical Chemistry | 121146 | 6/1/2012 | 1/31/2015 | $170,000 |
| Center for Environmental Sciences and Engineering | Perkins, Christopher R | EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection | Development and Validation of a Statewide Cyanobacterial Toxin Monitoring Program | 131422 | 7/1/2013 | 6/30/2014 | $50,000 |
| Center for Environmental Sciences and Engineering | Willig, Michael R | Community Foundation for Greater New Haven | The Impacts of Wastewater from Municipal Waste Water Treatment Plants on Fish Health in the Quinnipiac River: Funded by CFGNH's Quinnipiac River Fund | 120634 | 3/15/2012 | 10/1/2015 | $18,000 |
| Center for Environmental Sciences and Engineering | Willig, Michael R | CT Department of Energy and Environmental Protection | Investigating the Presence of Pesticides in American Lobster from Long Island Sound | 141453 | 6/11/2014 | 10/31/2015 | $130,000 |
| Center for Environmental Sciences and Engineering | Willig, Michael R | NSF/BIO/Directorate for Biological Sciences | Integrating Biodiversity and Biogeochemical Dynamics from a Hydrodynamics Perspective: Long-Term Ecological Research in the Luquillo Mountains | 140088 | 9/15/2013 | 8/31/2015 | $80,250 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Center for Environmental Sciences and Engineering | Willig, Michael R | NSF/BIO/Directorate for Biological Sciences/University of Puerto Rico | Long-Term Ecological Research in the Luquillo Mountains of Puerto Rico IV | 060505 | 12/1/2006 | 11/30/2013 | $179,864 |
| Center for Environmental Sciences and Engineering | Willig, Michael R | NSF/BIO/Directorate for Biological Sciences/University of Puerto Rico | Luquillo LTER 5: Understanding Environmental Change in Northeast Puerto Rico | 150001 | 1/1/2014 | 12/31/2015 | $81,000 |
| Center for Environmental Sciences and Engineering | Willig, Michael R | NSF/BIO/Directorate for Biological Sciences/University of Puerto Rico | LTER: 4 Residual | 120745 | 8/1/2013 | 3/1/2014 | $24,473 |
| Center for Environmental Sciences and Engineering | Willig, Michael R | State of Minnesota | An Assessment of polycyclic aromatic hydrocarbons (PAHs) and Corexit Contamination in the Fatty Tissues and Blood of Birds Nesting in Minnesota | 120229 | 1/9/2012 | 6/30/2016 | $112,150 |
| Center for Health, Intervention and Prevention | Amico, Kathy R | Gilead Sciences | Audio Visual Representation of PreExposure Prophylaxis (PrEP Rep): Innovations for Informing and Motivating Potential and Current PrEP Users | 130530 | 12/14/2012 | 12/13/2013 | $150,174 |
| Center for Health, Intervention and Prevention | Amico, Kathy R | PHS/NIH/National Institute of Allergy and Infectious Diseases/Family Health International | HPTN 069: Pre-Exposure Prophylaxis (PrEP) to Prevent HIV Transmission in At-Risk Men Who Have Sex with Men | 120342 | 10/1/2011 | 11/30/2014 | $66,777 |
| Center for Health, Intervention and Prevention | Amico, Kathy R | PHS/NIH/National Institute of Allergy and Infectious Diseases/Family Health International | HPTN 067 Behavioral Aspects of PrEP Counseling for Intermittent Exposure | 100608 | 11/1/2009 | 11/30/2014 | $234,115 |
| Center for Health, Intervention and Prevention | Amico, Kathy R | PHS/NIH/National Institute of Allergy and Infectious Diseases/Vanderbilt University | Multi-Component Intervention Packages for Chinese MSM | 101400 | 3/15/2011 | 2/28/2015 | $221,113 |
| Center for Health, Intervention and Prevention | Amico, Kathy R | PHS/NIH/National Institute of Mental Health/Public Health Foundation Enterprises (PHFE) | Enhancing PrEP Adherence Support and Risk Reduction in a Public Health Setting | 110647 | 10/1/2011 | 6/30/2016 | $134,351 |
| Center for Health, Intervention and Prevention | Amico, Kathy R | PHS/NIH/National Institute of Mental Health/University of Alabama, Birmingham | Integrating ENGagement and Adherence Goals upon Entry: iENGAGE to Control HIV | 120197 | 6/21/2012 | 7/31/2014 | $306,442 |
| Center for Health, Intervention and Prevention | Cornman, Deborah H | DOD/Department of Defense/DOD/Navy | Increasing Health Behavior among PLWHA in Military Settings in Ethiopia FY 12-13 | 120930 | 8/3/2012 | 11/2/2013 | $400,000 |
| Center for Health, Intervention and Prevention | Cornman, Deborah H | DOD/Navy | Increasing Healthy Behavior Among PLWH in Military Settings in Ethiopia FY 13-14 | 140076 | 11/8/2013 | 3/31/2015 | $400,000 |
| Center for Health, Intervention and Prevention | Cornman, Deborah H | DOD/Navy | Prevention with Positives and Gender-Based Violence Projects in Mozambique | 080480 | 4/1/2009 | 4/30/2015 | $1,253,676 |
| Center for Health, Intervention and Prevention | Cornman, Deborah H | PHS/Centers for Disease Control and Prevention/Centre for the Aids Programme of Research in South Africa (CAPRISA) | CAPRISA-CHIP Collaboration | 100483 | 11/1/2009 | 10/31/2015 | $120,000 |
| Center for Health, Intervention and Prevention | Cornman, Deborah H | PHS/NIH/National Institute of Child Health and Human Development/Yale University | Randomized Controlled Trial to Enhance Reproductive Health of PLHIV in India. | 090107 | 9/10/2009 | 8/31/2013 | $572,722 |
| Center for Health, Intervention and Prevention | Cornman, Deborah H | PHS/NIH/National Institute of Mental Health/Yale University | Center for Interdisciplinary Research on AIDS | 130139 | 7/1/2013 | 6/30/2015 | $66,835 |
| Chemical and Biomolecular Engineering | Bollas, Georgios | American Chemical Society/Petroleum Research Fund | Gasoline Selective Fischer-Tropsch Synthesis in Structured Catalytic Reactors | 130486 | 9/1/2013 | 8/31/2016 | $100,000 |
| Chemical and Biomolecular Engineering | Bollas, Georgios | NSF/BIO/Directorate for Biological Sciences | CAREER: Simulation and Design of Chemical Looping Combustion and Reforming Processes | 110029 | 7/1/2011 | 6/30/2016 | $410,000 |
| Chemical and Biomolecular Engineering | Bollas, Georgios | United Technologies-Corporate Headquarters | Systems Approach on Advanced Utilization and Exploration of Dynamic Models of Thermal Fluids Applications | 140495 | 1/2/2014 | 12/31/2015 | $511,274 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Chemical and Biomolecular Engineering | Cooper, Douglas J | NSF/EHR/Directorate for Education and Human Resources | "First in Family" Energy Scholarships for Tech School Grads | 100276 | 7/1/2010 | 6/30/2015 | $596,096 |
| Chemical and Biomolecular Engineering | Cooper, Douglas J | NSF/National Science Foundation/NSF/EHR/Directorate for Education and Human Resources | New GK-12: Ingenuity Incubators Develop NSF Fellow Potential and Prepare Tech Students for Engineering | 091373 | 3/15/2010 | 2/29/2016 | $2,721,405 |
| Chemical and Biomolecular Engineering | Lei, Yu | NSF/ENG/Directorate for Engineering | Collaborative Research: IDR-Magnetic Beads Linked Immunoassay Meets Micro Coulter Counter: Novel Multiplexed Biosensor System for Food Safety | 100610 | 8/15/2010 | 7/31/2014 | $300,000 |
| Chemical and Biomolecular Engineering | Lei, Yu | NSF/ENG/Directorate for Engineering | PFI: AIR Technology Translation - Portable, Naked Eye-based, Ultrasensitive Explosive Vapors Detector | 130437 | 5/1/2013 | 10/31/2015 | $162,773 |
| Chemical and Biomolecular Engineering | Lei, Yu | University of Connecticut Center for Science and Technology Commercialization | Naked Eye-based Standoff Detection of Explosives Using Novel Signal-Amplifying Nanocomposite and Hand-held UV Light | 130172 | 8/23/2012 | 12/26/2013 | $7,500 |
| Chemical and Biomolecular Engineering | Ma, Wing Kui Ans | NSF/ENG/Directorate for Engineering | Understanding the Flow Dynamics and Transport of Nanoparticles in Simultated Tumor Blood Flows for Improved Cancer Treatment | 130001 | 9/1/2012 | 8/31/2015 | $150,000 |
| Chemical and Biomolecular Engineering | Ma, Wing Kui Ans | NSF/ENG/Directorate for Engineering | CAREER: Understanding the Interfacial Rheology of Carbon Nanotubes at the Fluid-Fluid Interfaces for Creating Ultra-Stable Emulsions and Microcapsules | 121342 | 1/15/2013 | 12/31/2017 | $400,000 |
| Chemical and Biomolecular Engineering | Maric, Radenka | Advent Technologies | One Step Direct Deposition of Durable Cathodes for High Temperature Proton Exchange Membrane Fuel Cells (PEMFC) | 130641 | 3/15/2013 | 10/15/2013 | $60,000 |
| Chemical and Biomolecular Engineering | Maric, Radenka | Altinet Business Solutions | Biomass Gasification | 131409 | 6/25/2013 | 8/24/2014 | $20,000 |
| Chemical and Biomolecular Engineering | Maric, Radenka | Department of Energy/Proton OnSite | Single Step Manufacturing of Low Catalyst Loading Electrolyzer MEAs - Phase II SBIR | 140157 | 8/1/2014 | 7/27/2016 | $330,000 |
| Chemical and Biomolecular Engineering | Maric, Radenka | NGK Spark Plugs | Sensors for Highly Selective Detection of Acetone for Easy Diagnosis of Diabetes by Breath Analysis | 131419 | 8/23/2013 | 5/31/2015 | $179,944 |
| Chemical and Biomolecular Engineering | Maric, Radenka | NSF/ENG/Directorate for Engineering | GOALI: One Step Direct Deposition of Durable Cathode for High Temperature Proton Exchange Membrane Fuel Cell (PEMFC) | 130296 | 6/1/2013 | 5/31/2016 | $423,204 |
| Chemical and Biomolecular Engineering | McCutcheon, Jeffrey R | 3M Corporation | Environmental Applications of Nanofiber Nonwoven Materials: Enhancing Structural Properties for Use in Novel Filtration Media | 120996 | 5/23/2012 | 5/22/2015 | $45,000 |
| Chemical and Biomolecular Engineering | McCutcheon, Jeffrey R | 3M Corporation | New Thin Composite Nanofiltration Membranes Using Nylon Membrane Supports | 131174 | 5/20/2013 | 5/20/2015 | $45,000 |
| Chemical and Biomolecular Engineering | McCutcheon, Jeffrey R | CDM | Demonstration of a FO-RO System for Wastewater Reuse | 150248 | 3/1/2014 | 12/31/2015 | $5,400 |
| Chemical and Biomolecular Engineering | McCutcheon, Jeffrey R | Chevron USA | Produced Water Treatment using Forward Osmosis; Phase 1: Membrane Performance Testing | 121246 | 4/19/2012 | 6/30/2014 | $45,000 |
| Chemical and Biomolecular Engineering | McCutcheon, Jeffrey R | DOE/Idaho National Laboratory | Switchable Polarity Solvents for Forward Osmosis | 140872 | 1/22/2014 | 9/30/2015 | $122,838 |
| Chemical and Biomolecular Engineering | McCutcheon, Jeffrey R | EPA/Environmental Protection Agency | Enabling Potable Reuse of Wastewater Using Forward Osmosis: A Sustainable and Affordable Alternative to Reverse Osmosis | 100175 | 6/1/2011 | 5/31/2015 | $300,000 |
| Chemical and Biomolecular Engineering | McCutcheon, Jeffrey R | Hydration Technology Innovations | Osmotic Membrane Testing and Characterization | 121254 | 10/1/2012 | 9/1/2015 | $137,000 |
| Chemical and Biomolecular Engineering | McCutcheon, Jeffrey R | Nanocap Technologies | Evaluation of Osmotic Dehumidification Technology | 131198 | 6/1/2013 | 10/1/2013 | $19,884 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Chemical and Biomolecular Engineering | McCutcheon, Jeffrey R | NSF/ENG/Directorate for Engineering | Wastewater Treatment Using Microbial Fuel Cells: Enhanced Anodic Conductivity Using Activated Carbon Nanofiber Biofilm Substrates | 090864 | 9/1/2009 | 8/31/2013 | $293,876 |
| Chemical and Biomolecular Engineering | McCutcheon, Jeffrey R | NSF/ENG/Directorate for Engineering | REU Site: i REU: Promoting Innovation and Entrepreneurship through Academic-Industrial Partnerships | 120173 | 3/1/2012 | 8/31/2015 | $338,819 |
| Chemical and Biomolecular Engineering | McCutcheon, Jeffrey R | NSF/ENG/Directorate for Engineering | Collaborative Research: Modified Reverse Osmosis Membranes for Forward and Pressure Retarded Osmosis | 120243 | 8/1/2012 | 7/31/2015 | $234,405 |
| Chemical and Biomolecular Engineering | McCutcheon, Jeffrey R | NSF/ENG/Directorate for Engineering | GOALI: Novel Thin Film Composite Membranes for Desalination by Forward Osmosis | 110267 | 6/15/2011 | 5/31/2015 | $305,500 |
| Chemical and Biomolecular Engineering | McCutcheon, Jeffrey R | Solvay Specialty Polymers | Polymeric Membranes for Emerging Separation Processes | 121048 | 1/15/2012 | 8/31/2013 | $102,679 |
| Chemical and Biomolecular Engineering | McCutcheon, Jeffrey R | Trevi Systems | Draw Solution Performance Evaluation | 131093 | 5/22/2013 | 10/1/2013 | $8,439 |
| Chemical and Biomolecular Engineering | Molter, Trent M | DOE/Department of Energy/University of Hawaii | The Effect of Airborne Contaminants on Fuel Cell Performance and Durability | 090179 | 1/1/2011 | 3/31/2015 | $1,048,117 |
| Chemical and Biomolecular Engineering | Mustain, William | DOE/Department of Energy | Room Temperature Electrochemical Upgrading of Methane to Oxygenate Fuels | 130462 | 9/1/2013 | 8/31/2018 | $800,000 |
| Chemical and Biomolecular Engineering | Mustain, William | DOE/Department of Energy | Understanding the Effects of Surface Chemistry and Microstructure on the Activity and Stability of Pt Electrocatalysts on Non-Carbon Supports | 101063 | 9/1/2010 | 8/31/2014 | $480,000 |
| Chemical and Biomolecular Engineering | Mustain, William | DOE/Department of Energy/Gas Technology Institute | Intermediate Temperature Alkaline Electrochemical Reactor for the Conversion of Methane to Methanol | 141046 | 6/1/2014 | 5/31/2015 | $130,000 |
| Chemical and Biomolecular Engineering | Nieh, Mu-Ping | NSF/ENG/Directorate for Engineering | Single-Step Manufacture of Affinity Nanodiscs for Drug Delivery | 110854 | 1/1/2012 | 12/31/2015 | $397,249 |
| Chemical and Biomolecular Engineering | Nieh, Mu-Ping | NSF/ENG/Directorate for Engineering | EAGER: The Effects of Molecular Architectures on Lipid-Based Nanoparticulate Interaction through Polymer Linkers | 140941 | 6/1/2014 | 11/30/2015 | $149,920 |
| Chemical and Biomolecular Engineering | Nieh, Mu-Ping | NSF/MPS/Directorate for Mathematics and Physical Sciences | MRI: Acquisition of a State-of-the-Art Small Angle X-Ray Scattering (SAXS) Instrument for Research and Education | 120534 | 9/15/2012 | 8/31/2015 | $568,398 |
| Chemical and Biomolecular Engineering | Parnas, Richard S | University of Connecticut Center for Science and Technology Commercialization | Biomass Waste to Construction Board | 121182 | 5/15/2012 | 12/31/2013 | $40,840 |
| Chemical and Biomolecular Engineering | Shor, Leslie M | BASF Bioresearch Corporation | Development of Scalable Droplet Microfluidic Devices | 141377 | 6/4/2014 | 12/31/2014 | $35,000 |
| Chemical and Biomolecular Engineering | Shor, Leslie M | DOD/Department of Defense/University of CT Health Center | Targeted Nanoparticles for Kidney Cancer Therapy | 141348 | 10/15/2013 | 10/14/2014 | $34,373 |
| Chemical and Biomolecular Engineering | Shor, Leslie M | Gates (Bill and Melinda) Foundation | Structuring the Rhizosphere: using Protozoa to Sow Bacteria in 3D for Sustainable Crop Production | 121143 | 11/1/2012 | 10/31/2014 | $100,000 |
| Chemical and Biomolecular Engineering | Shor, Leslie M | NSF/BIO/Directorate for Biological Sciences | EAGER: Field-Deployed Microfluidic Trap Array for Discovery and Observation of Microbial Eukaryotes | 100835 | 5/1/2010 | 4/30/2014 | $160,000 |
| Chemical and Biomolecular Engineering | Shor, Leslie M | NSF/ENG/Directorate for Engineering | NUE ASCCEND: Addressing Social Challenges through Creativity, Engineering, Nanotechnology and Diversity | 121064 | 9/1/2012 | 8/31/2015 | $200,000 |
| Chemical and Biomolecular Engineering | Shor, Leslie M | USDA/National Institute of Food and Agriculture | Pore Scale Effects of Soil Structure and Microbial Interactions on Soil Water Retention | 111258 | 3/15/2012 | 3/14/2015 | $150,000 |
| Chemical and Biomolecular Engineering | Srivastava, Ranjan | NSF/ENG/Directorate for Engineering | EFRI-MIKS: Innovations for Next Generation Biomanufacturing and Microengineering | 111037 | 9/1/2011 | 8/31/2015 | $2,000,000 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Chemical and Biomolecular Engineering | Sun, Luyi | DOD/Air Force Office of Scientific Research/University of Texas, Pan American | Hydrogen Storage via Functionalized Nanoporous Materials | 140281 | 9/1/2013 | 4/30/2017 | $177,407 |
| Chemical and Biomolecular Engineering | Sun, Luyi | EPA/Environmental Protection Agency/Texas State University | Converting Waste Rice Husks into Useful By-Products | 140283 | 9/1/2013 | 8/14/2014 | $73,863 |
| Chemical and Biomolecular Engineering | Valla, Ioulia A | NSF/ENG/Directorate for Engineering | Turning Tars into Energy: Zeolites with Hierarchical Pore Structure for the Catalytic Cracking of Tars | 120861 | 8/15/2012 | 7/31/2015 | $188,698 |
| Chemical and Biomolecular Engineering | Willis, Brian G | DOD/Navy/Office of Naval Research | Integration of Biological Specificity with Solid State Devices for Selective Chemical Sensing | 111128 | 11/1/2011 | 10/31/2015 | $537,321 |
| Chemical and Biomolecular Engineering | Willis, Brian G | NSF/ENG/Directorate for Engineering | Collaborative Research: Electro-optical Studies of Nanoscale, Geometrically-Asymmetric Tunnel Junctions for Collection and Recitification of Light from Infrared through Visible | 120710 | 11/1/2012 | 10/31/2015 | $300,000 |
| Chemical and Biomolecular Engineering | Willis, Brian G | NSF/ENG/Directorate for Engineering | DNA Sequencing with Nanopore and Transverse Tunneling | 110345 | 6/1/2011 | 5/31/2015 | $360,000 |
| Chemical and Biomolecular Engineering | Willis, Brian G | NSF/ENG/Directorate for Engineering | Epitaxial Oxides by ALD | 090847 | 9/1/2009 | 8/31/2013 | $259,059 |
| Chemical and Biomolecular Engineering | Willis, Brian G | SciTech Solar | Plasmonic Nanostructures for Solar Energy Harvesting | 120036 | 8/1/2011 | 8/31/2013 | $38,000 |
| Chemical, Materials & Biomolecular Engr | Dongare, Avinash M | DOD/Army | ARL 3.3.1 Computational Sciences: Atomistic Simulations Based Rational Design of Stacked 2D Layered Materials | 140030 | 7/23/2014 | 7/22/2015 | $299,832 |
| Chemical, Materials & Biomolecular Engr | Dongare, Avinash M | DOD/Army | ARO 1.2 Solid Mechanics: Scaling Relationships for Mesoscale Modeling of Dynamic Failure in Titanium and Titanium Alloys | 140108 | 6/10/2014 | 11/9/2015 | $315,134 |
| Chemical, Materials & Biomolecular Engr | Khan, Yusuf M | DOD/Department of Defense/Wake Forest University | Functionalized Allograft for Large Scale Bone Defect Healing | 121329 | 1/1/2014 | 12/31/2017 | $699,999 |
| Chemical, Materials & Biomolecular Engr | Shaw, Leon L | NSF/ENG/Directorate for Engineering | Novel Processing of WC/Co Hardmetals with Simultaneous Improvements in Hardness and Toughness Derived From Nanocrystalline Powder | 090289 | 9/1/2009 | 8/30/2013 | $311,999 |
| Chemistry | Adamson, Douglas | CiDRA Corporate Services | Study of Polymer Film Adhesion | 130822 | 2/1/2013 | 12/31/2014 | $339,485 |
| Chemistry | Adamson, Douglas | DOD/Air Force Office of Scientific Research | Development of an Anisotropic Thermal Transport Material | 101090 | 9/1/2010 | 8/31/2013 | $226,743 |
| Chemistry | Adamson, Douglas | NSF/MPS/Directorate for Mathematics and Physical Sciences | Effect of the Electrostatic Interactions on Lubrication in Biological and Polymeric Systems | 100388 | 7/1/2010 | 1/31/2015 | $375,000 |
| Chemistry | Adamson, Douglas | NSF/MPS/Directorate for Mathematics and Physical Sciences | Unimolecular Micelles: Design, Synthesis, and Properties | 130444 | 9/15/2013 | 8/31/2015 | $200,000 |
| Chemistry | Adamson, Douglas | NSF/National Science Foundation | Adhesion, Friction and Lubrication in Polymeric and Biological Systems | 140522 | 7/1/2014 | 6/30/2017 | $323,431 |
| Chemistry | Adamson, Douglas | University of Connecticut Center for Science and Technology Commercialization | Boron Nitride Flame Retardant | 121258 | 6/1/2012 | 1/8/2015 | $50,000 |
| Chemistry | Asandei, Alexandru | NSF//National Science Foundation/NSF/ENG/Directorate for Engineering | Gold Catalyzed Polyemerizations | 110088 | 10/1/2011 | 9/30/2014 | $360,000 |
| Chemistry | Asandei, Alexandru | NSF/MPS/Directorate for Mathematics and Physical Sciences | Controlled Synthesis of Architecturally Complex Fluoropolymers | 130484 | 9/1/2013 | 8/31/2016 | $347,015 |
| Chemistry | Basu, Ashis K | PHS/National Institutes of Health/Pennsylvania State University | Genotoxicity and Repair of Tobacco-Specific Nitrosamine DNA Adducts | 120254 | 5/22/2012 | 3/31/2015 | $540,656 |
| Chemistry | Basu, Ashis K | PHS/NIH/National Institute of Environmental Health Sciences | Biological Effects of DNA Adducts Formed by Nitroaromatic Compounds | 020414-01 | 7/1/2009 | 1/31/2016 | $1,970,529 |

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|---|---|---|---|---|---|---|---|
| Chemistry | Birge, Robert R | Buskerud and Vestfold University College | The Integration of Photosensitive proteins with microfabricated sensor arrays | 150012 | 7/15/2014 | 7/14/2015 | $8,116 |
| Chemistry | Birge, Robert R | PHS/NIH/National Institute of General Medical Sciences | Photobiology of Rhodopsin and the Cone Pigments | 020060-01 | 3/1/2009 | 2/28/2014 | $903,797 |
| Chemistry | Brueckner, Christian | NSF/ENG/Directorate for Engineering/Polytechnic Institute of New York University | Collaborative Research: Optical Imaging of High pH-Dependent Degradation in Infrastructure Materials | 100601 | 9/1/2010 | 8/31/2013 | $200,000 |
| Chemistry | Brueckner, Christian | NSF/MPS/Directorate for Mathematics and Physical Sciences | Synthesis and Evaluation of Pyrrole-Modified Porphyrins | 110084 | 9/15/2011 | 8/31/2015 | $405,000 |
| Chemistry | Brueckner, Christian | NSF/MPS/Directorate for Mathematics and Physical Sciences | REU Site: Research Experience for Undergraduates in Chemistry at the University of Connecticut | 110168 | 6/1/2011 | 5/31/2015 | $263,706 |
| Chemistry | Fenteany, Gabriel | PHS/NIH/National Institute of General Medical Sciences | Mechanism of Action of New Inhibitors of Cell Migration | 060763 | 6/1/2006 | 5/31/2014 | $1,640,357 |
| Chemistry | Frank, Harry A | DOE/Department of Energy/Michigan State University | Energy Transfer and Radiationless Decay in Light-Harvesting Proteins | 130319 | 9/1/2013 | 8/31/2016 | $85,316 |
| Chemistry | Frank, Harry A | NSF/BIO/Directorate for Biological Sciences | Structure and Function of Carotenoids | 121121 | 3/1/2013 | 2/29/2016 | $567,935 |
| Chemistry | Gascon, Jose | NSF/MPS/Directorate for Mathematics and Physical Sciences | CAREER: Scalable Moving-Domain QM/MM Methods for the Computation of Protein Electrostatics | 090007 | 7/15/2009 | 6/30/2015 | $600,000 |
| Chemistry | Howell, Amy R | NSF/MPS/Directorate for Mathematics and Physical Sciences | CRIF: Upgrade of a 400 MHz NMR Spectrometer | 101388 | 12/15/2010 | 11/30/2013 | $193,000 |
| Chemistry | Hren, Michael T | NSF/GEO/Directorate for Geosciences | Collaborative Research: Integrated Data-Model Analysis of CO2-Climate-Vegetation Feedbacks in a Dynamic Paleo-Icehouse | 130962 | 1/1/2014 | 12/31/2018 | $203,500 |
| Chemistry | Kasi, Rajeswari | American Chemical Society/Petroleum Research Fund | Ion Gels from Block Copolymers Composed of Liquid Crystalline Units and Brush-Like Moieties in Ionic Liquids | 101027 | 1/1/2011 | 8/31/2014 | $100,000 |
| Chemistry | Kasi, Rajeswari | NSF/MPS/Directorate for Mathematics and Physical Sciences | CAREER: Block Copolymer Nanoactuators from Liquid Crystalline and Ionomeric Units | 080027 | 2/1/2008 | 8/31/2013 | $489,725 |
| Chemistry | Kasi, Rajeswari | NSF/National Science Foundation/Yale University | Scalable Continuous Production of Aligned Carbon Nanotube and Nanoporous Membranes | 121117 | 10/1/2012 | 9/30/2016 | $287,816 |
| Chemistry | Kumar, Challa V | NSF/MPS/Directorate for Mathematics and Physical Sciences | DNA Floor Boards | 141171 | 8/1/2014 | 7/31/2016 | $174,000 |
| Chemistry | Leadbeater, Nicholas | Nestle | Probing Microwave Effects | 141279 | 5/1/2014 | 12/31/2014 | $28,400 |
| Chemistry | Leadbeater, Nicholas | NSF/MPS/Directorate for Mathematics and Physical Sciences | CAREER: Developing Microwave Heating as a Tool for Synthetic and Mechanistic Chemistry | 090057 | 8/1/2009 | 7/31/2015 | $575,000 |
| Chemistry | Lin, Yao | DOD/Army | STIR: A Pilot Study on the Bulk Properties and Morphology of Polypeptide Grafted Brush Polymers | 110015 | 9/1/2012 | 10/31/2013 | $50,000 |
| Chemistry | Lin, Yao | NSF/MPS/Directorate for Mathematics and Physical Sciences | CAREER: Cooperative Supramolecular Polymerization from Polypeptide-containing Macromolecules | 120043 | 5/1/2012 | 4/30/2017 | $512,640 |
| Chemistry | Lin, Yao | NSF/MPS/Directorate for Mathematics and Physical Sciences | Supramolecular Assembly of Charged Nanoparticles: Understanding the<br><br>Nucleation Process that Connects Kinetic and Equilibrium Behaviors | 140447 | 7/15/2014 | 6/30/2017 | $300,000 |
| Chemistry | Papadimitrakopoulos, Fotios | DOD/Army/MedicalResearch and Materiel Command | Tracking the Health of Soldiers with Advanced Implantable Nano-Sensors | 090557 | 9/11/2009 | 5/30/2015 | $1,707,108 |
| Chemistry | Peczuh, Mark W | NSF/MPS/Directorate for Mathematics and Physical Sciences | Determinants of Chiral Helicity in a Group of Novel Macrocycles: Elucidation and Utilization | 100091 | 9/1/2010 | 8/31/2015 | $445,000 |
| Chemistry | Peczuh, Mark W | NSF/MPS/Directorate for Mathematics and Physical Sciences | REU Site in Chemistry at the University of Connecticut | 140168 | 7/15/2014 | 6/30/2017 | $270,000 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Chemistry | Rusling, James F | Egyptian Cultural & Educational Bureau | Nanostructured Microfluidic Immunoarrarys for Cancer Biomarker Proteins | 140222 | 8/23/2013 | 5/22/2014 | $19,880 |
| Chemistry | Rusling, James F | NSF/National Science Foundation/Biorasis, Inc | Self Calibrating, Wireless, Needle Implantable Sensor for Continuous Glucose Monitoring | 120725 | 8/1/2012 | 8/31/2015 | $166,667 |
| Chemistry | Rusling, James F | PHS/National Institutes of Health | Protein Biosensor Arrays Based on Nanomaterials | 110953 | 9/15/2011 | 8/31/2015 | $2,031,396 |
| Chemistry | Rusling, James F | PHS/NIH/National Institute of Biomedical Imaging and Bioengineering | Protein Biomarker Arrays for Personalized Treatment for Prostate Cancer | 131009 | 2/1/2014 | 1/31/2016 | $1,381,091 |
| Chemistry | Rusling, James F | PHS/NIH/National Institute of Environmental Health Sciences | Electrocatalytic Studies of Toxic Pollutant Activation | 140445 | 6/1/2014 | 3/31/2015 | $2,388,524 |
| Chemistry | Rusling, James F | PHS/NIH/National Institute of Environmental Health Sciences | Electrocatalytic Studies of Toxic Pollutant Activation | 000291-02 | 2/1/2009 | 5/31/2014 | $1,705,288 |
| Chemistry | Rusling, James F | University of CT Health Center | L-Selectin as a Marker of Metastatic Potential in Invasive Bladder Cancer | 131296 | 7/1/2013 | 9/16/2014 | $26,000 |
| Chemistry | Sotzing, Gregory A | Alphachromics | Electrochromic Eyewear | 130694 | 1/1/2013 | 5/22/2014 | $174,070 |
| Chemistry | Sotzing, Gregory A | Revision Military/Alphachromics | Electrochromic Eyewear | 130077 | 7/21/2012 | 9/1/2013 | $49,421 |
| Chemistry | Suib, Steven L | CIA/Central Intelligence Agency/Office of the Director of National Intelligence/IARPA | Porous Solid Electrolytes for Advanced Lithium Ion Batteries | 140991 | 8/13/2014 | 8/12/2016 | $360,000 |
| Chemistry | Suib, Steven L | CT Department of Energy and Environmental Protection/Fraunhofer | Membrane Studies | 140936-1 | 2/1/2014 | 1/31/2015 | $50,000 |
| Chemistry | Suib, Steven L | CT Department of Energy and Environmental Protection/Fraunhofer | Advanced Stationary Batteries | 140722-1 | 2/1/2014 | 1/31/2015 | $25,000 |
| Chemistry | Suib, Steven L | CT Department of Energy and Environmental Protection/Fraunhofer | Synthesis of Adsorbents | 140721-1 | 1/15/2014 | 1/14/2015 | $50,000 |
| Chemistry | Suib, Steven L | DOE/Department of Energy | Porous Transition Metal Oxides: Synthesis, Characterization, and Catalytic Activity | 120519 | 12/1/2012 | 11/30/2015 | $435,000 |
| Chemistry | Suib, Steven L | Fraunhofer | Membrane Studies | 140936 | 2/1/2014 | 1/31/2015 | $50,000 |
| Chemistry | Suib, Steven L | Fraunhofer | Advanced Stationary Batteries | 140722 | 2/1/2014 | 1/31/2015 | $25,000 |
| Chemistry | Suib, Steven L | Fraunhofer | Synthesis of Adsorbents | 140721 | 1/15/2014 | 1/14/2015 | $50,000 |
| Chemistry | Suib, Steven L | General Electric Company | Ceramic Oxide Coating | 141095 | 1/1/2014 | 6/30/2015 | $100,000 |
| Chemistry | Suib, Steven L | GKN Structures | Characterization of BMI Resin | 150102 | 8/1/2014 | 5/7/2015 | $94,000 |
| Chemistry | Suib, Steven L | Honda Research Institute | Electrochemical Activation of CO2 with Protons to Form Fuels Via Solar Radiation | 091304 | 6/30/2009 | 1/15/2015 | $669,999 |
| Chemistry | Suib, Steven L | NSF/ENG/Directorate for Engineering | GOALI - Microwave Reactor Applications for Biomass and Green Technologies | 080760 | 7/15/2008 | 6/30/2014 | $509,191 |
| Chemistry | Suib, Steven L | Rogers Corporation | Mesoporous Ferromagnetic Materials for Antenna Applications | 140895 | 3/26/2014 | 3/25/2015 | $54,159 |
| Chemistry | Suib, Steven L | United Technologies-Pratt & Whitney | Chemical Vapor Deposition (CVD) Development for Advanced High Temperature Ceramic Matrix Composites | 140583 | 1/1/2014 | 12/31/2014 | $155,000 |
| Chemistry | Suib, Steven L | United Technologies-Pratt & Whitney | Task #107 Chemical Vapor Deposition (CVD) Development for Advance High Temperature Ceramic Matrix Composites | 130956 | 1/1/2013 | 12/31/2013 | $155,000 |
| Chemistry | Suib, Steven L | VeruTEK Technologies, Inc. | Environmental Catalysis and Photocatalysis of Pollutants | 090908 | 4/1/2009 | 5/31/2014 | $395,000 |
| Chemistry | Suib, Steven L | VeruTEK Technologies, Inc. | Preparation of Novel Battery Materials: Porous Mixed Valent Manganese Oxide Systems | 130030 | 1/15/2013 | 2/15/2015 | $100,000 |
| Chemistry | Yao, Xudong | PHS/NIH/National Cancer Institute | Ultrathroughput Multiple Reaction Monitoring Mass Spectrometry for Large-Scale Cancer Biomarker Validation | 100936 | 8/9/2011 | 7/31/2015 | $352,028 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Chemistry | Zhao, Jing | Society for Analytical Chemists of Pittsburgh | Fluorescence Lifetime Sensing and Imaging Based on Colloidal Quantum Dots | 140976 | 6/1/2014 | 5/31/2015 | $40,000 |
| Civil & Environmental Engineering | Agrios, Alexander G | NSF/ENG/Directorate for Engineering | EAGER: Novel Interfaces for Nanostructured Solar Cells | 130895 | 3/15/2013 | 2/28/2015 | $89,839 |
| Civil & Environmental Engineering | Anagnostou, Emmanouil N | FM Global | FM Global Internship for Hojjat Seyyedi AY 2012-13 | 120862 | 8/23/2012 | 1/21/2014 | $62,515 |
| Civil & Environmental Engineering | Anagnostou, Emmanouil N | NASA/National Aeronautics & Space Administration | Use of Ground-Validation Data to Evaluate and Improve Uses of Satellite-Rainfall in Hydrologic Modeling of Complex Terrain Basin Floods | 121307 | 3/1/2013 | 2/28/2016 | $363,175 |
| Civil & Environmental Engineering | Anagnostou, Emmanouil N | NASA/National Aeronautics & Space Administration | Investigation of Satellite QPE and Hydroligic Validation in Complex Terrain Basins | 100177 | 4/5/2010 | 8/31/2013 | $422,000 |
| Civil & Environmental Engineering | Anagnostou, Emmanouil N | Northeast Utilities | Weather Based Damage Prediction Model for Northeast Utilities Infrastructure | 120571 | 3/1/2012 | 5/31/2015 | $1,188,872 |
| Civil & Environmental Engineering | Anagnostou, Emmanouil N | United Illuminating Company | The United Illuminating Company (UI) Participation in the 2-Year Demonstration Activity | 140451 | 4/14/2014 | 1/30/2016 | $513,000 |
| Civil & Environmental Engineering | Bagtzoglou, Amvrossios C | Mixed Sources | Environmental Engineering Program Senior Design and Senior Thesis | 130278 | 9/1/2012 | 12/31/2015 | $4,500 |
| Civil & Environmental Engineering | Christenson, Richard | DOD/Navy/Office of Naval Research | Real-Time Hybrid Substructuring of Marine Systems | 110170 | 1/1/2011 | 12/31/2015 | $513,246 |
| Civil & Environmental Engineering | Christenson, Richard | DOT/Federal Highway Administration | Advancing the State of Bridge Weigh-In-Motion for the Connecticut Transportation Network | 141552 | 8/25/2014 | 6/30/2015 | $286,984 |
| Civil & Environmental Engineering | Christenson, Richard | DOT/Federal Highway Administration/CT Department of Transportation | Development and Evaluation of a Dual Purpose Bridge Health Monitoring and Weigh-In-Motion System for a Steel Girder Bridge - Phase II | 111010 | 7/1/2011 | 6/30/2014 | $233,517 |
| Civil & Environmental Engineering | Christenson, Richard | NSF/ENG/Directorate for Engineering | SAVI/Collaborative Research: Pacific Rim Earthquake Engineering Mitigation Protective Technologies International Virtual Environment (PREEMPTIVE) | 141404 | 8/1/2014 | 7/31/2017 | $170,115 |
| Civil & Environmental Engineering | Christenson, Richard | NSF/ENG/Directorate for Engineering | Collaborative Proposal: NEESR Planning: Toward Experimental Verification of Controllable Damping Strategies for Base Isolated Buildings | 131316 | 10/1/2013 | 9/30/2016 | $249,550 |
| Civil & Environmental Engineering | Christenson, Richard | NSF/ENG/Directorate for Engineering/Purdue University | NEESR-SG: Performance-Based Design and Real-Time Large-Scale Testing to Enable Implementation of Advanced Damping Systems | 100527 | 9/15/2009 | 8/31/2014 | $90,709 |
| Civil & Environmental Engineering | Christenson, Richard | NSF/OD | Collaborative Research: SI2-SSI: Empowering the Scientific Community with Streaming Data Middleware: Software Integration into Complex Science Environments | 111336 | 8/1/2012 | 7/31/2015 | $30,000 |
| Civil & Environmental Engineering | Christenson, Richard | Texas Department of Transportation/Texas Tech University | Supplement to Project No. 0-6649 Development of Design Guidelines and Mitigation Strategies for Wind-Induced Traffic Signal Structure Vibrations | 130060 | 8/23/2012 | 8/31/2014 | $47,294 |
| Civil & Environmental Engineering | Chrysochoou, Maria | Chicago Bridge & Iron Company (CB&I) | XRD and SEM Analysis of CBI Samples | 141124 | 2/18/2014 | 6/15/2014 | $18,175 |
| Civil & Environmental Engineering | Chrysochoou, Maria | DOT/Department of Transportation/NAS/Transportation Research Board | Evaluating applications of Field Spectroscopy Devices to Fingerprint Commonly Used Construction Materials | 090203 | 2/4/2009 | 4/30/2014 | $586,792 |
| Civil & Environmental Engineering | Esmaili Zaghi, Arash | CA Department of Transportation | Development of a Rational Design Method for Shear Keys at In-Span Hinges in Multi-Frame Highway Bridges | 120219 | 6/1/2012 | 8/31/2014 | $103,779 |
| Civil & Environmental Engineering | Esmaili Zaghi, Arash | DOT/Federal Highway Administration/CT Department of Transportation | Repair of Steel Beam/Girder Ends with Ultra High-Strength Concrete | 130733 | 7/1/2013 | 1/31/2015 | $131,771 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Civil & Environmental Engineering | Esmaili Zaghi, Arash | NSF/ENG/Directorate for Engineering/University of Nevada | Development of Seismic Protective Technologies for Ceiling-Piping-Partition Nonstructural Systems | 120120 | 1/1/2012 | 8/31/2013 | $26,700 |
| Civil & Environmental Engineering | Garrick, Norman W | DOT/Department of Transportation | Eisenhower Transportation Graduate Fellowship for Jason Outlaw | 121080 | 9/1/2012 | 9/1/2013 | $5,000 |
| Civil & Environmental Engineering | Garrick, Norman W | DOT/Department of Transportation/Massachusetts Institute of Technology | Towards More Livable and Sustainable Cities: The Impact of Parking Policies on the Long-Term Vitality of American Cities | 130367 | 8/1/2012 | 12/31/2014 | $63,410 |
| Civil & Environmental Engineering | Garrick, Norman W | DOT/Department of Transportation/Massachusetts Institute of Technology | Assessing the Full Cost of Parking Provision from the Perspective of the Municipality | 140483 | 8/23/2013 | 5/31/2015 | $111,612 |
| Civil & Environmental Engineering | Garrick, Norman W | DOT/Federal Highway Administration | Eisenhower Transportation Graduate Fellowship for Jessica Haerter | 121113 | 9/1/2012 | 9/1/2013 | $5,000 |
| Civil & Environmental Engineering | Gebremichael, Mekonnen | DOC/National Oceanic and Atmospheric Administration | A New Statistical Model of Streamflow Forecast Error | 100431 | 5/1/2010 | 4/30/2015 | $148,574 |
| Civil & Environmental Engineering | Gebremichael, Mekonnen | NASA/National Aeronautics & Space Administration | Testing the Suitability of Satellite Precipitation Products for Hydrological Modeling at Multiple Scales Across the Blue Nile Basin | 100178 | 3/18/2010 | 3/17/2014 | $308,000 |
| Civil & Environmental Engineering | Ivan, John N | DOT/Department of Transportation/Massachusetts Institute of Technology | Investigation of Road and Roadside Design Elements Associated with Elderly Pedestrian Safety | 130370 | 8/23/2012 | 12/31/2014 | $63,038 |
| Civil & Environmental Engineering | Ivan, John N | DOT/Department of Transportation/Massachusetts Institute of Technology | Effectiveness of Interventions at Midblock Crossings for Improving Senior and Other Pedestrian Safety | 140290 | 8/23/2013 | 5/31/2015 | $112,401 |
| Civil & Environmental Engineering | Ivan, John N | DOT/Federal Highway Administration/NAS/Transportation Research Board | Improved Prediction Models for Crash Types and Crash Severities | 130420 | 8/1/2013 | 1/31/2016 | $600,000 |
| Civil & Environmental Engineering | Jackson, Eric D | CT Department of Transportation | Development of the ConnDOT Horizontal Curve Classification Software: Phase II | 150095 | 8/22/2014 | 1/31/2015 | $20,177 |
| Civil & Environmental Engineering | Jackson, Eric D | DOT/Department of Transportation/CT Department of Transportation | Development of the ConnDOT Horizontal Curve Classiffication Software | 130539 | 10/8/2013 | 6/30/2014 | $30,194 |
| Civil & Environmental Engineering | Jackson, Eric D | DOT/Department of Transportation/CT Department of Transportation | Development of the ConnDOT Safety Analysis Strategic Plan | 140779 | 3/17/2014 | 3/31/2015 | $207,064 |
| Civil & Environmental Engineering | Jackson, Eric D | DOT/Department of Transportation/CT Department of Transportation | State Motor Vehicle Crash Data Repository Phase 3 | 130356 | 12/3/2012 | 9/30/2013 | $183,055 |
| Civil & Environmental Engineering | Jackson, Eric D | DOT/Federal Highway Administration/CT Department of Transportation | A Proposal to Establish the Connecticut Transportation Safety Research Center | 121171 | 9/1/2012 | 1/31/2015 | $2,141,244 |
| Civil & Environmental Engineering | Jang, Shinae | DOT/Department of Transportation | 2014 Dwight David Eisenhower Graduate Fellowship | 141517 | 8/23/2014 | 8/23/2015 | $5,000 |
| Civil & Environmental Engineering | Kirchhoff, Christine J | DOC/National Oceanic and Atmospheric Administration/University of Michigan | Enhancing Manager and Stakeholder Awareness of and Responses to Changing Climatic Conditions and their Impacts on Lake Erie | 140228 | 9/1/2013 | 8/31/2015 | $32,717 |
| Civil & Environmental Engineering | Konduri, Karthik C | Baltimore Metropolitan Council/Cambridge Systematics | BMC Regional Travel Demand Model Update: Development of Activity-Based Model | 150075 | 7/1/2014 | 1/31/2015 | $25,000 |
| Civil & Environmental Engineering | Konduri, Karthik C | DOT/Department of Transportation/Massachusetts Institute of Technology | Transportation System Modeling in the Information Era | 130369 | 8/23/2012 | 4/30/2015 | $82,773 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Civil & Environmental Engineering | Konduri, Karthik C | DOT/Department of Transportation/Massachusetts Institute of Technology | Crowdsourcing Real-Time Traveler Information Services: Issues, Challenges and Recommendations | 140291 | 8/23/2013 | 8/22/2015 | $109,892 |
| Civil & Environmental Engineering | Li, Baikun | DOD/Navy/Office of Naval Research | Distributed Active Underwater Microbial Fuel Cell (DA-MFC) for Durable, Efficient and Reliable Power Generation | 120283 | 2/1/2012 | 5/31/2015 | $471,205 |
| Civil & Environmental Engineering | Li, Baikun | NSF/ENG/Directorate for Engineering | I-Corps Team: Commercialization of Distributed Active Microbial Fuel Cells (DA-MFCs) for Underwater Energy Harvest | 140172 | 10/1/2013 | 10/31/2014 | $50,000 |
| Civil & Environmental Engineering | Li, Baikun | NSF/National Science Foundation/NSF/ENG/Directorate for Engineering | Understanding the Migration Fates of Contaminants at Water/sediment Interface after Environmental Shocks Using Innovative Real-time in situ Profiling | 130961 | 9/1/2013 | 8/31/2016 | $299,991 |
| Civil & Environmental Engineering | Liu, Lanbo | DHS/Department of Homeland Security/Mitre Corporation | Verification and Validation of the Performance of the Geophysical and Operational System Performance Tool (GOSPT) via Tunnel Detection Testbed Development and Demonstration | 140441 | 9/25/2013 | 7/27/2014 | $81,044 |
| Civil & Environmental Engineering | Liu, Lanbo | DHS/Department of Homeland Security/Mitre Corporation | Advanced Simulation and Testing for Border-Crossing Clandestine Tunnel Detection | 110923 | 9/26/2011 | 9/25/2013 | $49,671 |
| Civil & Environmental Engineering | Liu, Lanbo | DOI/US Geological Survey | Cooperative Hydrogeophysics and Water-Resources Research | 121072 | 6/1/2012 | 5/31/2017 | $218,027 |
| Civil & Environmental Engineering | Liu, Lanbo | U.S. Agency for International Development/University of California at Davis | Norman E. Borlaug Leadership Enhance in Agriculture Program: Fellowship for Taye Hulluka | 131433 | 9/16/2013 | 12/15/2014 | $19,854 |
| Civil & Environmental Engineering | Lownes, Nicholas | CT Department of Transportation | Assessing Service Equity in Connecticut's Large Public Transportation Systems | 140133 | 8/23/2013 | 8/22/2016 | $96,683 |
| Civil & Environmental Engineering | Lownes, Nicholas | DHS/Department of Homeland Security | HS-STEM: Transportation Security in Cyber-Physical Systems | 120955 | 9/20/2012 | 9/30/2016 | $400,000 |
| Civil & Environmental Engineering | Lownes, Nicholas | DOT/Department of Transportation/Massachusetts Institute of Technology | University Transportation Center: NEUTC Partnership | 121202 | 1/1/2012 | 12/31/2014 | $431,014 |
| Civil & Environmental Engineering | Lownes, Nicholas | DOT/Department of Transportation/New England University Transportation Center | Transportation Fellowships Program | 150751 | 6/1/2014 | 5/31/2016 | $195,720 |
| Civil & Environmental Engineering | Lownes, Nicholas | DOT/Federal Highway Administration | Eisenhower Transportation Graduate Fellowship Kelly Bertolaccini | 121066 | 9/1/2012 | 9/1/2015 | $103,500 |
| Civil & Environmental Engineering | Lownes, Nicholas | Town of Mansfield, CT | Storrs Center Intermodal Center Living Laboratory | 131105 | 8/23/2013 | 8/22/2014 | $23,250 |
| Civil & Environmental Engineering | Mackay, Allison A | NSF/ENG/Directorate for Engineering | Collaborative Research:  Role of Organic Matter Source on the Photochemical Fate of Pharmaceautical Compounds | 110925 | 9/1/2011 | 8/30/2015 | $305,668 |
| Civil & Environmental Engineering | Malla, Ramesh B | DOT/Federal Railroad Administration/NAS/Transportation Research Board | Dynamic Impact Factors on Existing Long-Span Truss Railroad Bridges | 140240 | 1/1/2014 | 9/6/2015 | $100,000 |
| Civil & Environmental Engineering | Vadas, Timothy M | DOI/US Geological Survey | Investigating the Effects of Storm and Wastewater Treatment Inputs on the Biouptake and Transfer of Heavy Metals in Urban Stream Food Webs | 140527 | 3/1/2014 | 2/29/2016 | $2,803 |
| Civil & Environmental Engineering | Vadas, Timothy M | DOI/US Geological Survey | Influence of Anthropogenic Carbon Inputs to Streams on Trace Metal Bioavailability | 120486 | 3/1/2012 | 2/28/2015 | $18,007 |
| Civil & Environmental Engineering | Vadas, Timothy M | NASA/National Aeronautics & Space Administration/University of Hartford | Functionalized Activated Carbon Nanofiber for Ca and Dimethysiloxane Removal in Recycled Water Systems | 130401 | 6/1/2013 | 8/31/2014 | $20,000 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Civil & Environmental Engineering | Vadas, Timothy M | National Fish and Wildlife Foundation/University of Maryland, Baltimore County | Porous Concrete Water Quality Analysis | 120019 | 1/1/2012 | 8/31/2013 | $23,023 |
| Civil & Environmental Engineering | Wang, Guiling | DOE/Department of Energy/Marine Biological Laboratory | Hydraulic Redistribution of Water through Plant Roots - Implications for Carbon Cycling and Energy Flux at Multiple Scales | 120172 | 6/15/2012 | 6/14/2015 | $364,259 |
| Civil & Environmental Engineering | Wang, Guiling | NSF/GEO/Directorate for Geosciences | Collaborative Research: A Pilot Project on Interactive Land Use and Climate Predictions | 101349 | 5/1/2011 | 4/30/2015 | $503,800 |
| Civil & Environmental Engineering | Wang, Guiling | NSF/GEO/Directorate for Geosciences | Collaborative Research: Dynamic Vegetation Feedback and Regional Climate Prediction in West Africa | 110178 | 5/15/2011 | 4/30/2015 | $446,034 |
| Civil & Environmental Engineering | Wille, Kay | Anocoil | Testing of Tetrahedral Shaped Reinforcement | 130174 | 9/20/2012 | 10/31/2013 | $10,000 |
| Civil & Environmental Engineering | Wille, Kay | Arup USA | Sprayable Ultra-High Performance Concrete | 140299 | 9/30/2013 | 8/31/2014 | $29,500 |
| Civil & Environmental Engineering | Wille, Kay | Schlumberger Foundation | Multi-Level Experimental Investigation and Complementary Numerical Simulation of UHP-FRC Under High Strain Rate Loading | 141334 | 6/1/2014 | 5/31/2015 | $45,800 |
| Communication | Christensen, Johnnie | PHS/National Institutes of Health/University of Pennsylvania | Developing and Pilot Testing a Mobile Phone-Based HIV/STI Prevention Intervention | 121084 | 9/27/2012 | 8/31/2015 | $67,351 |
| Communication | Snyder, Leslie B | PHS/NIH/National Cancer Institute | Impact of Food Ads and PSAs on Child and Teen Eating and Adiposity Across Media Markets | 090954 | 2/1/2010 | 12/31/2013 | $348,691 |
| Communication | Snyder, Leslie B | PHS/NIH/National Institute of Mental Health/Yale University | STEP-In: Reducing the Duration of Untreated Psychosis by Adding Early Detection to Speciality First-Episode Care in the U.S. Public Sector | 131431 | 9/26/2013 | 8/31/2018 | $705,404 |
| Computer Science & Engineering | Ammar, Reda A | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | Optimal Surface Gateway Deployment for Underwater Acoustic Sensor Networks | 120091 | 9/1/2011 | 8/31/2014 | $150,000 |
| Computer Science & Engineering | Ammar, Reda A | Owlstone | Advanced Graphical Display for High Information Content Handheld Chemical Threat Detector | 131338 | 7/1/2013 | 6/30/2014 | $75,000 |
| Computer Science & Engineering | Bi, Jinbo | Donaghue Medical Research Foundation/CT Childrens Medical Center | Using Payer-Provider Portals to Increase Easy Breathing Adoption | 130534 | 2/14/2013 | 9/14/2014 | $10,139 |
| Computer Science & Engineering | Bi, Jinbo | NSF/BIO/Directorate for Biological Sciences | ABI Innovation: An Integrative Approach to Identifying Highly Heritable Subtypes of Complex Phenotypes | 140109 | 7/1/2014 | 6/30/2017 | $561,717 |
| Computer Science & Engineering | Bi, Jinbo | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | III: Small: Is Imprecise Supervision Useful? Leveraging Ambiguous, Incomplete or Conflicting Data Annotations | 130509 | 9/1/2013 | 8/31/2016 | $337,436 |
| Computer Science & Engineering | Bi, Jinbo | University of CT Health Center/CT Childrens Medical Center | Multi-Wavelength Video-Otoscopy for the Diagnosis of Otitis Media | 140543 | 8/1/2013 | 7/1/2014 | $15,235 |
| Computer Science & Engineering | Cui, Jun-Hong | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | CI-ADDO-NEW:Collaborative Research: Ocean-TUNE: A Community Ocean Testbed for Underwater Wireless Networks | 120396 | 6/1/2012 | 5/31/2015 | $1,110,000 |
| Computer Science & Engineering | Cui, Jun-Hong | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | NeTS:Small:Collaborative Research: Undersea Sensor Networks for Intrusion Detection: Foundations and Practice | 100693 | 9/1/2010 | 8/31/2014 | $116,000 |
| Computer Science & Engineering | Cui, Jun-Hong | NSF/ENG/Directorate for Engineering | Collaborative Research: Planning Grant: I/UCRC for Smart Ocean Technologies | 120909 | 9/1/2012 | 8/31/2013 | $16,210 |
| Computer Science & Engineering | Cui, Jun-Hong | NSF/OD | Research Experience for Undergraduates Site: Bridging the Cyber and Water Worlds: Cyber-Aquatic Systems for Undergraduate Research and Education | 120180 | 3/1/2012 | 2/28/2015 | $218,500 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Computer Science & Engineering | Demurjian, Steven A | CT Department of Insurance | Feasibility Study of Information System Reengineering: Part XIII | 091199 | 6/15/2009 | 6/30/2016 | $3,297,756 |
| Computer Science & Engineering | Demurjian, Steven A | DOD/Air Force Research Laboratory/Sonalysts, Inc | Secure Efficient Cross-Domain Protocols - STTR AF12-AT008 Phase I | 131012 | 10/29/2013 | 7/28/2014 | $44,597 |
| Computer Science & Engineering | Gokhale, Swapna S | DOT/Department of Transportation/Massachusetts Institute of Technology | Automated Congestion Prediction with Smart Phones | 130368 | 8/23/2012 | 5/31/2015 | $107,244 |
| Computer Science & Engineering | Gokhale, Swapna S | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | CAREER: Architecture-Based Assessment of Software Reliability | 070035 | 1/15/2007 | 12/31/2013 | $399,993 |
| Computer Science & Engineering | Gokhale, Swapna S | NSF/EHR/Directorate for Education and Human Resources | Integrating Open Source Software Projects into Software Engineering Curriculum | 101268 | 5/1/2011 | 4/30/2015 | $200,000 |
| Computer Science & Engineering | Hong, Seung-Hyun | PHS/National Institutes of Health/University of CT Health Center | Phenotyping Skelatal QTLs in a DO Mouse Population | 140028 | 4/1/2014 | 3/31/2015 | $45,784 |
| Computer Science & Engineering | Huang, Chun-Hsi | ED/Office of Postsecondary Education | Graduate Assistance in Areas of National Need: Exascale Computing in Science and Engineering | 120676 | 8/16/2013 | 8/15/2016 | $805,032 |
| Computer Science & Engineering | Huang, Chun-Hsi | NSF/OD | Research Experiences for Undergraduates (REU) Site: Bio-Grid Initiatives for Interdisciplinary Research and Education | 120139 | 3/1/2012 | 2/28/2016 | $200,000 |
| Computer Science & Engineering | Khan, Mohammad M | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | EAGER: The Role of Emotion in Risk Communication and Warning: Application to Risks of Failures to Update Software | 131255 | 9/1/2013 | 8/31/2015 | $214,262 |
| Computer Science & Engineering | Khan, Mohammad M | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | EAGER: Human Behavior Based Authentification for Smart Wireless Systems | 130039 | 9/15/2012 | 8/31/2015 | $169,422 |
| Computer Science & Engineering | Kiayias, Aggelos | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | CT-ISG: Collaborative Research: Key Generation from Physical Layer Characteristics in Wireless Networks | 080830 | 9/1/2008 | 8/31/2013 | $193,500 |
| Computer Science & Engineering | Kiayias, Aggelos | NSF/ENG/Directorate for Engineering/NSF/CISE/Directorate for Computer and Information Sciences and Engineering | CT-ISG: Collaborative Research: Tamper Proofing Cryptographic Operations | 080831 | 9/1/2008 | 8/31/2014 | $223,225 |
| Computer Science & Engineering | Mandoiu, Ion I | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | III: Small: Collaborative Research: Reconstruction of Haplotype Spectra from High-Throughput Sequencing Data | 090554 | 9/1/2009 | 8/31/2013 | $275,257 |
| Computer Science & Engineering | Mandoiu, Ion I | USDA/National Institute of Food and Agriculture | Bioinformatics Tools for Viral Quasispecies Reconstruction from Next-Generation Sequencing Data | 101413 | 4/1/2011 | 3/31/2014 | $419,388 |
| Computer Science & Engineering | Peng, Zheng | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | Collaborative Research: CyberSEES: Type 1: A Pilot Study on Cognitive Accoustic Under Networks (CAUNet) for Sustainable Ocean Monitoring and Exploration | 130853 | 10/1/2013 | 9/30/2015 | $140,000 |
| Computer Science & Engineering | Peng, Zheng | NSF/National Science Foundation/University of Delaware | INSPIRE Track 1: Acoustic Sensor Networks for Ice-Covered Seas | 131273 | 1/1/2014 | 12/31/2016 | $500,000 |
| Computer Science & Engineering | Rajasekaran, Sanguthevar | ED/Office of Postsecondary Education | GAANN: Graduate Assistance in Areas of National Need: Cloud Computing | 100699 | 8/16/2010 | 8/17/2015 | $396,456 |
| Computer Science & Engineering | Rajasekaran, Sanguthevar | Northeast Utilities | Novel Algorithms and Techniques for Revenue Protection | 140170 | 8/23/2013 | 12/19/2013 | $47,400 |
| Computer Science & Engineering | Rajasekaran, Sanguthevar | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | Fourth International IEEE Conference on Computational Advances in Bio and Medical Sciences (ICCABS) - Travel Awards | 141162 | 6/2/2014 | 6/30/2015 | $12,000 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Computer Science & Engineering | Rajasekaran, Sanguthevar | PHS/NIH/National Library of Medicine | Efficient Algorithms for Motif Search | 091309 | 9/30/2010 | 9/29/2015 | $1,505,429 |
| Computer Science & Engineering | Russell, Alexander | DOD/Army Research Laboratory/University of California at Santa Barbara | Quantum Algorithms on the Algebraic Frontier | 090695 | 9/1/2009 | 8/31/2013 | $191,415 |
| Computer Science & Engineering | Russell, Alexander | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | Algebraic Techniques for Pseudorandomness and Lower Bounds | 110601 | 5/15/2011 | 4/30/2015 | $249,957 |
| Computer Science & Engineering | Shi, Zhijie | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | CAREER: Novel Primitives and Side-Channel Countermeasures in the Design and Implementation of Cryptographic Algorithms | 070030 | 8/1/2007 | 8/31/2013 | $416,000 |
| Computer Science & Engineering | Shi, Zhijie | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | TWC: Medium: DoS Attacks and Countermeasures in Underwater Wireless Networks | 120717 | 9/1/2012 | 8/31/2016 | $1,215,999 |
| Computer Science & Engineering | Shin, Dong | DOD/Army/MedicalResearch and Materiel Command/University of CT Health Center | Image Analysis and Data Quantification | 101091 | 3/18/2011 | 3/17/2014 | $383,492 |
| Computer Science & Engineering | Shin, Dong | PHS/National Institutes of Health/University of CT Health Center | Pharmacognetics of Alcohol Treatment: Topiramate and GRIK1 | 140270 | 8/1/2014 | 7/31/2016 | $16,198 |
| Computer Science & Engineering | Shin, Dong | PHS/National Institutes of Health/University of CT Health Center | Bioinformatics Support for CDB T Cell Activation and Migration in Vivo | 130497 | 8/16/2013 | 7/1/2017 | $65,626 |
| Computer Science & Engineering | Shin, Dong | PHS/National Institutes of Health/University of CT Health Center | Bioformatics Support for Sustained Adaptive Immunity in the Mucosa | 120682 | 5/15/2013 | 4/30/2018 | $21,510 |
| Computer Science & Engineering | Shin, Dong | PHS/National Institutes of Health/Yale University | Mechanisms of FGFR2 Signaling in Craniofacial Development | 091253 | 3/3/2010 | 2/28/2014 | $71,193 |
| Computer Science & Engineering | Shin, Dong | PHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases/University of CT Health Center | AIM 3: Informatics for Skeletal Phenotyping | 130489 | 8/1/2013 | 5/31/2018 | $1,213,905 |
| Computer Science & Engineering | Shin, Dong | PHS/NIH/National Institute of Dental and Craniofacial Research/Yale University | Mechanisms of FGRFR2 Signaling in Salivary Gland Branching Morphogenesis | 100244 | 7/1/2010 | 6/30/2014 | $86,627 |
| Computer Science & Engineering | Shin, Dong | PHS/NIH/National Institute on Alcohol Abuse and Alcoholism/University of CT Health Center | Bioinformatics Support for "Pilot A: An Experimental Study of the Effects of Alcohol on Neurons Derived from Alcohol-Dependent and Control Groups" | 140378 | 11/1/2013 | 11/30/2013 | $7,509 |
| Computer Science & Engineering | Shin, Dong | Vietnam Education Foundation | Vietnam Education Foundation (VEF) Fellowship for Hoang Hong Tham | 140084 | 7/14/2013 | 7/13/2015 | $57,550 |
| Computer Science & Engineering | Shvartsman, Alexander A | Mixed Sources | Computer Science & Engineering Department Senior Projects | 140269 | 8/23/2013 | 12/31/2016 | $78,500 |
| Computer Science & Engineering | Shvartsman, Alexander A | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | Principals of Robust Cooperative Computing | 100661 | 9/1/2010 | 8/31/2015 | $300,000 |
| Computer Science & Engineering | Shvartsman, Alexander A | U.S. Election Assistance Commission/CT Office of the Secretary of the State | Certification and Acceptance Testing of Electronic Voting Equipment | 090186 | 7/1/2008 | 6/30/2015 | $2,271,409 |
| Computer Science & Engineering | Shvartsman, Alexander A | U.S. Election Assistance Commission/CT Office of the Secretary of the State | Application for Pre-Election Testing and Post Election Auditing | 110869 | 5/1/2011 | 1/1/2014 | $200,000 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Computer Science & Engineering | Wang, Bing | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | SCH: EXP: Life Rhythm: A Framework for Automatic and Pervasive Depression Screening Using Smartphones | 140277 | 8/1/2014 | 7/31/2017 | $718,815 |
| Computer Science & Engineering | Wang, Bing | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | Intelligence at the Edge: Enabling Highly Resilient and Efficient Microgrids through Ultra-Fast Programmable Networks | 140574 | 7/1/2014 | 6/30/2016 | $298,978 |
| Computer Science & Engineering | Wang, Bing | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | CAREER: Automating Wireless Network Management: Lessons from Managing Wireless LANs and Sensor Networks | 071124 | 2/1/2008 | 1/31/2014 | $514,496 |
| Computer Science & Engineering | Wang, Bing | NSF/CISE/Directorate for Computer and Information Sciences and Engineering/Rochester Institute of Technology | UGREE-GENI: Understanding GENI Infrastructures for Research and Educational Experiments in Computer Networking and Security | 131122 | 10/1/2013 | 9/30/2015 | $37,816 |
| Computer Science & Engineering | Wang, Bing | NSF/National Science Foundation/Rochester Institute of Technology | APRA-GENI: Applying a Project-Based Approach to Understanding Multiple GENI Resources for Networking Research and Education | 110152 | 10/1/2011 | 2/28/2015 | $57,626 |
| Computer Science & Engineering | Wang, Bing | NSF/OD | CC-NIE Network Infrastructure: Enabling Data-Intensive Research at the University of Connecticut Through Science DMZ | 131079 | 11/1/2013 | 10/31/2015 | $388,057 |
| Computer Science & Engineering | Wu, Yufeng | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | Algorithms for Reconstructing Complex Evolutionary History with Discordant Phylogenetic Trees | 110561 | 9/1/2011 | 8/31/2015 | $256,796 |
| Computer Science & Engineering | Wu, Yufeng | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | CAREER: Efficient and Accurate Computation for High Throughput Sequencing Related Problems in Population Genomics | 091423 | 7/1/2010 | 6/30/2015 | $512,406 |
| Connecticut Small Business Development Center | Carter, Emily | CT Department of Economic and Community Development | CT Small Business Development Centers: 2014 Match from CT Department of Economic and Community Development | 140854 | 10/1/2013 | 9/30/2014 | $1,104,903 |
| Connecticut Small Business Development Center | Carter, Emily | CT Department of Economic and Community Development | CT Small Business Development Centers: 2013 Match from CT Department of Economic and Community Development | 131143 | 1/1/2013 | 9/30/2014 | $1,031,970 |
| Connecticut Small Business Development Center | Carter, Emily | Small Business Administration | Providing a Powerful Engine for SBDC in Connecticut | 140855 | 10/1/2013 | 9/30/2014 | $1,604,865 |
| Connecticut Small Business Development Center | Carter, Emily | Small Business Administration | Providing a Powerful Engine for SBDC in Connecticut | 130429 | 1/1/2013 | 9/30/2014 | $2,209,806 |
| Connecticut Transportation Institute | Mahoney, James M | Connecticut Academy of Science and Engineering | Winter Highway Maintenance Operations in Connecticut | 141347 | 7/1/2014 | 6/30/2015 | $67,390 |
| Connecticut Transportation Institute | Mahoney, James M | CT Department of Transportation | Validation of Uniform Compaction of Hot-Mix Asphalt Pavements in Connecticut | 141343 | 7/1/2014 | 6/30/2015 | $47,062 |
| Connecticut Transportation Institute | Mahoney, James M | CT Department of Transportation | Connecticut Cooperative Highway Research Program (Joint Highway Research Advisory Council Work Program FY14) | 140252 | 10/1/2013 | 6/30/2015 | $88,000 |
| Connecticut Transportation Institute | Mahoney, James M | CT Department of Transportation | Connecticut Cooperative Highway Research Program (Joint Highway Research Advisory Council Work Program 2012-13) | 121229 | 7/1/2012 | 6/30/2014 | $62,600 |
| Connecticut Transportation Institute | Mahoney, James M | CT Department of Transportation | Connecticut Cooperative Highway Research Program (Joint Highway Research Advisory Council Work Program FY15) | 141557 | 7/1/2014 | 6/30/2015 | $88,000 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Connecticut Transportation Institute | Mahoney, James M | DOT/Department of Transportation/CT Department of Transportation | Traffic Operations Modeling of Connecticut Roundabouts: Traffic Data Collection and Modeling Work Plan | 140422 | 12/9/2013 | 6/30/2015 | $171,494 |
| Connecticut Transportation Institute | Mahoney, James M | DOT/Federal Highway Administration/CT Department of Transportation | Reviewing the Testing Protocol for Density Cores Collected from ConnDOT During 2012 Construction Season | 130765 | 9/1/2013 | 6/30/2014 | $49,307 |
| Connecticut Transportation Institute | Mahoney, James M | DOT/Federal Highway Administration/CT Department of Transportation | Establishment of a CT Advanced Pavement Lab - FY14 | 121239 | 7/1/2013 | 6/30/2014 | $215,038 |
| Connecticut Transportation Institute | Mahoney, James M | DOT/Federal Highway Administration/CT Department of Transportation | The Use of Recycled Asphalt Products in Asphalt Pavements | 121297 | 8/1/2012 | 6/30/2014 | $73,918 |
| Connecticut Transportation Institute | Mahoney, James M | DOT/Federal Highway Administration/CT Department of Transportation | Connecticut Advanced Pavement Lab FY15 | 141271 | 7/1/2014 | 6/30/2015 | $210,274 |
| Connecticut Transportation Institute | Mahoney, James M | Federal Highway Administration/CT Department of Transportation | ConnDOT Specification Requirements for Minimum Asphalt Requirements | 140777 | 3/24/2014 | 6/30/2015 | $44,998 |
| Connecticut Transportation Institute | Shea, Donna | CT Department of Transportation | Connecticut Traffic Signal Systems Circuit Rider | 140557 | 8/1/2014 | 7/31/2016 | $477,467 |
| Connecticut Transportation Institute | Shea, Donna | DOT/Federal Highway Administration/CT Department of Transportation | Connecticut Safety Circuit Rider Program | 140110 | 11/1/2013 | 12/31/2015 | $510,000 |
| Curriculum and Instruction | Campbell, David T | NSF/EHR/Directorate for Education and Human Resources | Collaborative Research: Cyber-Enabled Learning: Digital Natives in Integrated Scientific Inquiry Classrooms | 140262 | 9/1/2013 | 8/31/2015 | $901,103 |
| Curriculum and Instruction | Dostal, Hannah M | ED/Institute of Education Sciences/University of Tennessee | Development of Strategic and Interactive Writing Instruction for Deaf and Hard of Hearing Students | 140048 | 8/1/2013 | 7/31/2014 | $36,458 |
| Curriculum and Instruction | Gabriel, Rachael | International Reading Association | The Role of Teacher Language in Mediating Student Understanding during Reading Comprehension Instruction | 120434 | 9/1/2012 | 8/31/2014 | $8,000 |
| Curriculum and Instruction | Gabriel, Rachael | Spencer Foundation/University of Michigan | Levels of Interactional Focus for Teacher Evaluation: An Exploration of Contrasting Protocols | 130637 | 3/1/2013 | 7/31/2014 | $24,958 |
| Curriculum and Instruction | Gabriel, Rachael | Windsor Public Schools, CT | Increasing Capacity for Disciplinary Literacy Instruction | 140843 | 1/1/2014 | 6/30/2015 | $62,366 |
| Curriculum and Instruction | Leu, Donald J | ED/Institute of Education Sciences | Assessing Online Reading Comprehension: The ORCA Project | 090259 | 7/1/2009 | 9/30/2014 | $2,813,127 |
| Curriculum and Instruction | Leu, Donald J | ED/Institute of Education Sciences/University of Oregon | Project SAIL: Strategies for Academic Internet Learning | 100358 | 7/1/2011 | 6/30/2014 | $213,299 |
| Curriculum and Instruction | Settlage, John | NSF/EHR/Directorate for Education and Human Resources | Collaborative Research and Development Project: School Structure and Science Success: Organization and Leadership Influences on Student Achievement | 110650 | 7/1/2011 | 6/30/2016 | $1,907,847 |
| Curriculum and Instruction | Staples, Megan | ED/Office of Elementary and Secondary Education/CT Department of Education | Bridging Practices among Connecticut Mathematics Educators | 140589 | 1/1/2014 | 9/30/2014 | $150,228 |
| Curriculum and Instruction | Staples, Megan | National Science Foundation | Collaborative Research: Justification and Argumentation: Growing Understanding of Algebraic Reasoning (JAGUAR) | 080568 | 1/1/2009 | 9/30/2013 | $193,963 |
| Curriculum and Instruction | Wilson, Suzanne | Knowles Science Teaching Foundation | Supporting the Development of High Quality Secondary Mathematics and Science Teachers and Teacher Leaders | 150018 | 6/1/2014 | 12/31/2017 | $209,810 |
| Dept of Accounting | Hussein, Mohamed E | PricewaterhouseCoopers | MSA Course ACCT 5533 Contemporary Issues in Managerial Accounting | 131059 | 5/15/2013 | 8/31/2013 | $10,000 |
| Dept of Accounting | Phillips, John | PricewaterhouseCoopers | Curriculum Development (Content Update): Topic(s) & Impacted Courses | 141449 | 5/15/2014 | 8/22/2014 | $25,000 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Digital Media and Design | Scheinfeldt, Joseph T | Connecticut Humanities Council | ConnecticutHistory.org and Connecticut Center for the Book Aggregator | 131367 | 7/1/2013 | 6/30/2014 | $115,809 |
| Digital Media and Design | Scheinfeldt, Joseph T | NEH/National Endowment for the Humanities/George Mason University | George Mason University - Another Week/Another Tool Subcontract | 140500 | 10/1/2013 | 9/30/2014 | $13,971 |
| Ecology and Evolutionary Biology | Caira, Janine N | NSF/BIO/Directorate for Biological Sciences | Collaborative Research: PBI: A Survey of the Tapeworm (Cestoda: Platyhelminthes) from Vertebrate Bowels of the Earth | 080595 | 10/1/2008 | 9/30/2015 | $2,621,977 |
| Ecology and Evolutionary Biology | Chazdon, Robin L | NASA/Jet Propulsion Laboratory | Detecting Changes of Forest Biomass from Fusion of Radar and Lidar: Developing DESDynl Measurement Requirements. | 110569 | 2/14/2011 | 9/30/2013 | $85,999 |
| Ecology and Evolutionary Biology | Chazdon, Robin L | NSF/BIO/Directorate for Biological Sciences | Dissertation Research: Functional Trait Diversity and Community Assembly during Tropical Rainforest Succession | 110515 | 6/1/2011 | 9/30/2013 | $14,909 |
| Ecology and Evolutionary Biology | Chazdon, Robin L | NSF/BIO/Directorate for Biological Sciences | Collaborative Research: Modeling Successional Vegetation Dynamics in Wet Tropical Forests: Integrating Neighborhood Effects, Functional Traits and Phylogeny | 101423 | 4/15/2011 | 3/31/2014 | $187,615 |
| Ecology and Evolutionary Biology | Chazdon, Robin L | NSF/BIO/Directorate for Biological Sciences | CNH-RCN:Tropical Reforestation Network: Building a Socio-ecological Understanding of Tropical Reforestation | 130520 | 9/1/2013 | 8/31/2018 | $439,988 |
| Ecology and Evolutionary Biology | Chazdon, Robin L | NSF/BIO/Directorate for Biological Sciences | Collaborative Research/LTREB Renewal: Successional Pathways and Rates of Change in Tropical Forests of Brazil, Costa Rica and Mexico | 120035 | 1/1/2012 | 12/31/2016 | $344,072 |
| Ecology and Evolutionary Biology | Chazdon, Robin L | NSF/BIO/Directorate for Biological Sciences/University of Colorado at Boulder | The Emergence of Effective Governance Arrangements for Tropical Forest Ecosystems | 110567 | 9/1/2011 | 8/31/2015 | $113,330 |
| Ecology and Evolutionary Biology | Elphick, Christopher | DOI/Department of Interior/CT Department of Energy and Environmental Protection | Navigating Trade-Offs in Game vs. Non-Game Management: Incorporating American Black Ducks into Coastal Conservation Planning | 141276 | 7/9/2014 | 6/30/2015 | $50,499 |
| Ecology and Evolutionary Biology | Elphick, Christopher | DOI/U.S. Fish & Wildlife Service/CT Department of Energy and Environmental Protection | The Conservation of Tidal Marsh Birds: Prioritizing Action at the Intersection of our Changing Land and Seascapes | 100721 | 1/1/2011 | 6/1/2015 | $127,977 |
| Ecology and Evolutionary Biology | Elphick, Christopher | DOI/U.S. Fish & Wildlife Service/University of Maine | Quantifying the Short-term Impacts of Hurricane Sandy on Tidal-Marsh Birds and their Habitats | 141120 | 4/28/2014 | 12/31/2014 | $66,145 |
| Ecology and Evolutionary Biology | Elphick, Christopher | EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection | Sentinels of Climate Change: Coastal Indicators of Wildlife and Ecosystem Change in Long Island Sound | 121176 | 8/31/2012 | 9/30/2014 | $193,049 |
| Ecology and Evolutionary Biology | Elphick, Christopher | NSF/National Science Foundation/University of Maine | Ecological Resistance of Multiply Stressed Populations: The Response of Tidal March Birds and Plants to Hurricane Sandy | 131053 | 6/1/2013 | 5/31/2015 | $8,681 |
| Ecology and Evolutionary Biology | Goffinet, Bernard | NSF/BIO/Directorate for Biological Sciences | Rapid Radiation and Sporophyte Evolution in the Furnariaceae: Inferences from Phylogenomics and Cross Generational Cuticle Development Studies | 120027 | 7/1/2012 | 6/30/2015 | $531,550 |
| Ecology and Evolutionary Biology | Goffinet, Bernard | NSF/BIO/Directorate for Biological Sciences | Collaborative Research: Starting from Scratch with Sticta: Evolution, Diversification, and Conservation of a Megadiverse Flagship Lichen Genus | 140082 | 8/1/2014 | 7/31/2017 | $223,000 |
| Ecology and Evolutionary Biology | Goffinet, Bernard | NSF/BIO/Directorate for Biological Sciences | DISSERTATION RESEARCH: Resolving Biopolar Phylogeographic Histories in Dispersal Limited Entomochorous Mosses: A RAD-Seq Approach | 130482 | 6/15/2013 | 5/31/2015 | $19,753 |
| Ecology and Evolutionary Biology | Goffinet, Bernard | NSF/BIO/Directorate for Biological Sciences | Collaborative Research: ATol: Assembling the Pleurocarp Tree of Life: Resolving the Rapid Radiation using Genomics and Transcriptomics | 120958 | 1/1/2013 | 12/31/2015 | $484,948 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Ecology and Evolutionary Biology | Lewis, Louise | NSF/BIO/Directorate for Biological Sciences | ATOL: Collaborative Research: Assembling the Green Algal Tree of Life (GRAToL) | 101020 | 9/1/2010 | 8/31/2015 | $621,430 |
| Ecology and Evolutionary Biology | Rubega, Margaret A | DOI/U.S. Fish & Wildlife Service/CT Department of Energy and Environmental Protection | Inventory and Assessment of Greatest Conservation Need Avian Species | 101159 | 5/1/2010 | 3/31/2014 | $69,958 |
| Ecology and Evolutionary Biology | Rubega, Margaret A | NSF/BIO/Directorate for Biological Sciences | Dissertation Research: Ecological Implications of Hummingbird Feeding Mechanisms | 130481 | 7/1/2013 | 6/30/2014 | $20,538 |
| Ecology and Evolutionary Biology | Schlichting, Carl D | NSF/BIO/Directorate for Biological Sciences | Dimensions of Biodiversity: Parallel Evolutionary Radiations in Protea and Pelargonium in the Greater Cape Floristic Region | 121037 | 1/1/2012 | 12/31/2015 | $512,752 |
| Ecology and Evolutionary Biology | Schlichting, Carl D | NSF/BIO/Directorate for Biological Sciences | Collaborative Research: Dimensions: Parallel Evolutionary Radiations in Protea and Pelargonium in the Greater Cape Floristic Region | 101223 | 1/1/2011 | 12/31/2015 | $1,976,670 |
| Ecology and Evolutionary Biology | Schultz, Eric T | Foster-Davis Foundation | How Ion-Exchange Physiology Adapts upon Landlocking in Anadromous Fishes | 120187 | 10/1/2011 | 9/30/2013 | $53,080 |
| Ecology and Evolutionary Biology | Schultz, Eric T | Hudson River Foundation | Zebra Mussel Effects on Diet of Early-stage Fishes in the Hudson River | 130790 | 9/1/2013 | 8/31/2015 | $170,170 |
| Ecology and Evolutionary Biology | Silander, John A | NSF/BIO/Directorate for Biological Sciences | Spatiotemporal Models of Phenology - Integrating the Effects of Climate Change in Plants and Animals | 090003 | 5/1/2009 | 5/31/2014 | $187,575 |
| Ecology and Evolutionary Biology | Simon, Christine M | NSF/BIO/Directorate for Biological Sciences | Systematics and Biogeography of the Family Cicadidae Worldwide: Subsampling the Tree of Life | 100078 | 6/15/2010 | 8/31/2015 | $657,900 |
| Ecology and Evolutionary Biology | Turchin, Peter | Economic and Social Research Council(ESRC)/University of Oxford | Ritual, Community and Conflict | 120733 | 6/1/2011 | 5/31/2016 | $218,292 |
| Ecology and Evolutionary Biology | Urban, Mark C | EPA/Environmental Protection Agency | Will Climate Change Influence the Metapopulation Dynamics of the Arctic Grayling (Thymallus Arcticus)? | 130155 | 8/15/2012 | 8/15/2015 | $51,000 |
| Ecology and Evolutionary Biology | Urban, Mark C | McDonnell (James S.) Foundation | Does Evolution Assemble Biological Communities? | 110973 | 1/1/2012 | 1/1/2017 | $449,851 |
| Ecology and Evolutionary Biology | Urban, Mark C | NSF/BIO/Directorate for Biological Sciences | Evolutionary and Ecological Feedbacks: Do Locally Adapted Salamanders Shape Food Web Dynamics? | 110622 | 9/1/2011 | 8/31/2015 | $499,999 |
| Ecology and Evolutionary Biology | Wagner, David L | Northeast Utilities | Transmission Line Corridors as Critical Habitat for Wildflowers, Birds, and Pollinators | 121095 | 5/15/2012 | 6/3/2014 | $93,662 |
| Ecology and Evolutionary Biology | Wagner, David L | Northeast Utilities | Transmission Line Corridors as Critical Habitat for Wildflowers, Birds, and Pollinators | 141478 | 7/1/2014 | 7/1/2015 | $9,444 |
| Ecology and Evolutionary Biology | Wagner, David L | NSF/BIO/Directorate for Biological Sciences/American Museum of Natural History | Collaborative Research: Collaborative Databasing of North American Bee Collections within a Global Informatics Network | 100089 | 6/15/2010 | 5/31/2014 | $30,600 |
| Ecology and Evolutionary Biology | Wagner, David L | USDA/Forest Service | Rare and Endangered Species of Butterflies and Moths of Forests in the Western United States | 141457 | 7/23/2014 | 6/30/2015 | $10,000 |
| Ecology and Evolutionary Biology | Yarish, Charles | Binational Agricultural Research and Development F | The Use of Aquaculture Effluents in Spray Culture for the Production of High Protein Macroalgae for Shrimp Aqua-feeds | 130194 | 10/1/2013 | 9/30/2016 | $75,000 |
| Ecology and Evolutionary Biology | Yarish, Charles | DOC/National Oceanic and Atmospheric Administration | Seaweed Aquaculture for Bioextraction of Nutrients from Long Island Sound | 111225 | 2/1/2012 | 1/31/2014 | $129,754 |
| Ecology and Evolutionary Biology | Yarish, Charles | DOC/National Oceanic and Atmospheric Administration/Marine Biological Laboratory | Multi-Cropping Shellfish and Macroalgae for Business and Bioextraction | 111141 | 2/1/2012 | 1/31/2015 | $60,967 |
| Ecology and Evolutionary Biology | Yarish, Charles | DOC/National Oceanic and Atmospheric Administration/Ocean Approved, LLC | Development of Native Kelp Culture System Technologies to Support Sea Vegetable Aquaculture in New England Coastal Waters - Phase II | 110895 | 9/20/2011 | 9/13/2013 | $71,028 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Ecology and Evolutionary Biology | Yarish, Charles | EPA/Environmental Protection Agency/National Fish and Wildlife Foundation | Kelp Production System for Nutrient Bioextraction & Education | 131125 | 10/1/2013 | 9/30/2015 | $88,340 |
| Ecology and Evolutionary Biology | Yarish, Charles | EPA/Environmental Protection Agency/National Fish and Wildlife Foundation | Nutrient Bioextraction in Long Island Sound (CT,NY) | 121022 | 10/15/2012 | 7/14/2014 | $157,448 |
| Economics | Couch, Kenneth A | CT Department of Labor | Integrated Basic Education and Skills Training (IBEST) Assessment | 131439 | 7/19/2013 | 6/30/2015 | $334,211 |
| Economics | Prakash, Nishith | Danish Agency for Science, Technology and Innovation/Aarhus University | The Economic and Behavioral Impacts of Anti-Discrimination Policy in the Context of Caste: Learning from Household Surveys, Lab Experiments, and Randomized Controlled Trials | 130529 | 8/1/2013 | 7/31/2017 | $39,374 |
| Economics | Randolph, Susan M | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Economic and Social Rights: Obstacle to Growth or Handmaiden of Growth | 110145 | 6/1/2011 | 5/31/2014 | $233,105 |
| Economics | Ross, Stephen L | Indiana University | The Effects of Housing Instability on Children's Education Outcomes - Extension | 111041 | 4/1/2011 | 12/31/2013 | $5,500 |
| Economics | Ross, Stephen L | MacArthur (John D. & Catherine T.) Foundation/New York University | The Effects of Housing Instability on Children's Education Outcomes | 111049 | 1/1/2011 | 12/31/2013 | $122,540 |
| Economics | Ross, Stephen L | PHS/NIH/National Institute of Child Health and Human Development/Yale University | Estimating the Casual Effects of Social Networks on Health Behaviors | 110465 | 9/27/2011 | 8/31/2013 | $79,579 |
| Educational Leadership | Bell, Alexandra A | USDA/Department of Agriculture/Hampshire College | Nutrient Management on Organic Vegetable Farms: A Research and Education Program for Sustainable Soil Management in Southern New England | 140457 | 7/1/2013 | 12/31/2013 | $12,708 |
| Educational Leadership | Donaldson, Morgaen | CT Coalition for Justice in Education Funding | Distibution of Teacher and Teaching Quality: A Profile of Connecticut Districts | 110496 | 12/1/2010 | 3/1/2014 | $98,109 |
| Educational Leadership | Donaldson, Morgaen | CT Department of Education | Educator Evaluation Pilot Program Study | 130171 | 10/1/2012 | 4/30/2014 | $265,000 |
| Educational Leadership | Dougherty, Shaun M | PHS/Department of Health and Human Services/University of Wisconsin | The Role of Career and Technical Education in Promoting Human Capital Accumulation and Bridging Labor-Market Needs: Evidence from Massachusetts | 131135 | 5/1/2013 | 9/15/2014 | $20,000 |
| Educational Leadership | Gonzales, Richard | Connecticut Center for School Change | LEAD Connecticut | 140025 | 3/1/2013 | 6/30/2015 | $477,023 |
| Educational Leadership | Lechasseur, Kimberly | Connecticut Center for School Change | Examining the Grade Level Reading Campaign Across Connecticut | 130550 | 9/1/2012 | 8/31/2013 | $85,000 |
| Educational Leadership | Lechasseur, Kimberly | Graustein (William Caspar) Memorial Fund | Examining Levers of Change in Discovery Communities | 140559 | 1/1/2014 | 12/31/2014 | $100,000 |
| Educational Leadership | Mayer, Anysia P | CT Coalition for Justice in Education Funding | Conditions of Schooling for English Language Learners in Connecticut | 110371 | 12/1/2010 | 3/1/2014 | $20,502 |
| Educational Psychology | Behuniak, Peter | CT Department of Education | Early Childhood Assessment | 130589 | 1/1/2013 | 6/30/2014 | $150,000 |
| Educational Psychology | Behuniak, Peter | CT Office of Early Childhood | Office of Early Childhood Technical Assistance | 141410 | 7/1/2014 | 6/30/2017 | $320,000 |
| Educational Psychology | Brown, Scott W | ED/Institute of Education Sciences | GlobalEd2: Efficacy and Replication: Goal 3 | 121288 | 6/1/2013 | 5/31/2017 | $3,477,944 |
| Educational Psychology | Coyne, Michael D | ED/Institute of Education Sciences | Project Early Vocabulary Intervention | 101394 | 4/1/2011 | 3/31/2015 | $4,097,835 |
| Educational Psychology | Coyne, Michael D | ED/Institute of Education Sciences/Texas A&M University | Teaching the Vocabulary of Comprehension | 140164 | 7/1/2014 | 6/30/2017 | $342,317 |
| Educational Psychology | Joo, Jaeeun | American Educational Research Association | Engaging Urban Youth to Catalyze Cultural Change in their Communities: Evaluative Inquiry into Creative Possibilities and Pathways to STEM | 130722 | 5/1/2013 | 4/30/2014 | $5,000 |
| Educational Psychology | Karan, Orville C | Association for Comprehensive Energy Psychology (ACEP) | Addressing Stress Management for Gifted Children and Adolescents | 140313 | 8/23/2013 | 8/22/2014 | $8,000 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Educational Psychology | Lombardi, Allison | ED/Office of Special Education and Rehabilitative Services/Ohio State University | Scalling-up EnvisionIT: A Model for Teaching 21st Century Skills to Students with Disabilities | 140984 | 4/1/2014 | 3/31/2015 | $33,000 |
| Educational Psychology | Madaus, Joseph W | ED/Institute of Education Sciences/SRI International | Factors Associated with Postsecondary Success for Students with Disabilities: Secondary Analysis of Data from the National Longitudinal Transition Study-2 (NLTS2) | 120156 | 7/1/2012 | 6/30/2015 | $79,311 |
| Educational Psychology | Madaus, Joseph W | ED/Office of Special Education and Rehabilitative Services/CT Department of Education | Post-School Outcomes Survey of CT Special Education Students | 080816-01 | 3/1/2009 | 2/28/2015 | $617,006 |
| Educational Psychology | McCoach, Dorothy E | ED/Office of Postsecondary Education | Project PAPER: Preparing Academics in Psychometrics and Educational Research | 120692 | 8/16/2012 | 8/15/2015 | $408,315 |
| Educational Psychology | Montrosse Moorhead, Bianca | Connecticut Academy of Science and Engineering | Early Childhood Regression Discontinuity Study | 141163 | 5/1/2014 | 4/30/2015 | $191,968 |
| Educational Psychology | Olinghouse, Natalie G | ED/Institute of Education Sciences/Michigan State University | Alignment Across K-12 Writing Standards, Assessments, Achievement and Postsecondary Expectations: A State-by-State Analysis | 091306 | 8/16/2010 | 8/15/2014 | $692,096 |
| Educational Psychology | Plucker, Jonathan | ED/Department of Education/Indiana University | Computer Assisted Learning Method (CALM) | 131115 | 3/1/2013 | 2/28/2014 | $66,344 |
| Educational Psychology | Rhoads, Christopher H | ED/Institute of Education Sciences/Mtelegence | Readorium Rising Reader: Smart Nonfiction Comprehension Software for Students in Grades 3-5 by Mtelegence Corporation | 130867 | 5/15/2013 | 11/15/2013 | $7,420 |
| Educational Psychology | Rogers, Helen J | College Board | The Use of Concept Inventory Data in Advanced Placement Classrooms | 121155 | 9/1/2012 | 8/31/2014 | $24,500 |
| Educational Psychology | Sanetti, Lisa M | ED/Institute of Education Sciences | Project PRIME: Planning Realistic Intervention Implementation and Maintenance by Educators | 091367 | 7/1/2010 | 8/31/2014 | $1,413,597 |
| Educational Psychology | Sugai, George M | ED/Office of Special Education and Rehabilitative Services/University of CT Health Center | Preparing Tomorrow's Leaders for High Need Infants and Children and their Families | 121109 | 1/1/2013 | 12/31/2017 | $924,456 |
| Educational Psychology | Sugai, George M | MA Department of Elementary and Secondary Education | PBIS Academy | 141311 | 5/1/2014 | 6/30/2018 | $1,215,349 |
| Educational Psychology - Educ. Gifted and Talented | Renzulli, Joseph S | Cooke (Jack Kent) Foundation | Systematic Plan for Replication of the Renzulli Academy for High Potenial/Low Income Students | 130143 | 1/1/2013 | 12/31/2014 | $500,000 |
| Educational Psychology - Educ. Gifted and Talented | Renzulli, Joseph S | Cooke (Jack Kent) Foundation | Renzulli Academy Summer Enrichment Program: Explorations and Investigations | 120414 | 2/1/2012 | 1/31/2015 | $720,536 |
| Electrical & Computer Engineering | Anwar, A F | NSF/ENG/Directorate for Engineering | Collaborative Research: I/UCRC for Fuel Cell Research | 090302 | 3/1/2009 | 2/28/2015 | $282,000 |
| Electrical & Computer Engineering | Balasingam, Balakumar | Comcast Cable Communications Management | Comcast-01 University of Connecticut Machine Learning Project | 131243 | 5/1/2013 | 12/31/2014 | $183,400 |
| Electrical & Computer Engineering | Balasingam, Balakumar | Comcast Cable Communications Management | Comcast-01 University of Connecticut Machine Learning Project: Advanced Analytics for Threat Detection, Inference and Forecasting | 121107 | 5/1/2012 | 12/31/2014 | $181,830 |
| Electrical & Computer Engineering | Bansal, Rajeev | DOD/Navy/Office of Naval Research | ARTS: Adaptive, RobusT and Sustainable Networking for Undersea Distributed Sensor Systems | 101105 | 6/1/2010 | 5/31/2014 | $543,738 |
| Electrical & Computer Engineering | Bansal, Rajeev | Jackson Laboratory | Graduate Research in Genomics | 140200 | 8/23/2013 | 5/22/2015 | $69,472 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Electrical & Computer Engineering | Bansal, Rajeev | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | CAREER: Architectural Enhancement and Design Methodologies for Secure Processing in Embedded Systems<br><br>PI change from Fei, Yunsi to Bansal, Rajeev | 090052 | 9/1/2009 | 8/31/2014 | $405,000 |
| Electrical & Computer Engineering | Bar-Shalom, Yaakov M | DOD/Army | Fusion of Data and Tracks in Sensor Networks | 100451 | 8/5/2010 | 9/30/2015 | $497,450 |
| Electrical & Computer Engineering | Bar-Shalom, Yaakov M | DOD/Department of Defense/Ministry of Defense (Israel) | Advanced Modeling for Impact Point Prediction for Short and Medium Range Thrusting Objects | 121180 | 1/1/2013 | 6/30/2015 | $200,000 |
| Electrical & Computer Engineering | Bar-Shalom, Yaakov M | DOD/Missile Defense Agency | Data Fusion and Tracking Algorithms for BMD | 120184 | 8/1/2012 | 7/31/2015 | $673,414 |
| Electrical & Computer Engineering | Bar-Shalom, Yaakov M | DOD/Navy/Office of Naval Research | Information Extraction and Fusion | 090960 | 2/1/2010 | 8/31/2013 | $567,000 |
| Electrical & Computer Engineering | Bazzi, Ali | United Technologies-Corporate Headquarters | Energy and Time Efficient Embedded Systems for Energy Efficient Electro-Mechanics | 140513 | 1/1/2014 | 12/31/2015 | $180,567 |
| Electrical & Computer Engineering | Cao, Yang | DOD/Navy/PolyK Technologies | Improving the Life Expectancy of High Voltage Components Using Nanocomposite Surface Solutions | 141486 | 8/18/2014 | 2/17/2015 | $64,022 |
| Electrical & Computer Engineering | Cao, Yang | General Electric Company | Computation of Gas Dynamics and Measurement of Gas Temperature in Low Voltage Circuit Breakers | 140056 | 9/1/2013 | 8/30/2015 | $271,701 |
| Electrical & Computer Engineering | Cao, Yang | Mixed Sources | Promotion of Epr Cable Technology | 010120 | 11/1/1998 | 12/31/2016 | $2,070,000 |
| Electrical & Computer Engineering | Cao, Yang | Underground Systems, Inc. (USi) | Research Into Improved Accessory Designs | 140304 | 1/1/2014 | 2/27/2015 | $105,253 |
| Electrical & Computer Engineering | Chandy, John A | Comcast Cable Communications Management | Anti Reverse Engineering Techniques using Transient Electronics | 140629 | 10/25/2013 | 12/31/2014 | $30,000 |
| Electrical & Computer Engineering | Chandy, John A | DOD/Department of Defense | Information Assurance Scholarship Program | 130993 | 9/3/2013 | 9/2/2014 | $142,876 |
| Electrical & Computer Engineering | Chandy, John A | ED/Office of Postsecondary Education | Graduate Assistants in Areas of National Need: Computer Systems Security | 120708 | 8/16/2012 | 8/15/2015 | $408,315 |
| Electrical & Computer Engineering | Chandy, John A | ED/Office of Postsecondary Education | Graduate Assistants in Areas of National Need: Computer Systems Security | 090943 | 8/15/2009 | 8/14/2014 | $525,128 |
| Electrical & Computer Engineering | Chandy, John A | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | Active Object Storage to Enable Scalable and Reliable Parallel File Systems | 091075 | 8/15/2009 | 7/31/2015 | $533,000 |
| Electrical & Computer Engineering | Chandy, John A | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | REU Site: Trustable Computing Systems Security | 140111 | 2/15/2014 | 1/31/2017 | $359,409 |
| Electrical & Computer Engineering | Chandy, John A | NSF/EHR/Directorate for Education and Human Resources | Exploratory Curriculum for Trustable Computing Systems Security Education | 101291 | 8/15/2011 | 7/31/2014 | $197,025 |
| Electrical & Computer Engineering | Chandy, John A | NSF/EHR/Directorate for Education and Human Resources | EDU: A Virtual Lab for a Hardware Security Curriculum | 130634 | 9/15/2013 | 8/31/2015 | $295,573 |
| Electrical & Computer Engineering | Chandy, John A | NSF/ENG/Directorate for Engineering | REU Site: Trustable Computing Systems Security Research and Education | 110159 | 2/15/2011 | 1/31/2015 | $350,073 |
| Electrical & Computer Engineering | Enderle, John D | NSF/ENG/Directorate for Engineering | An Annual Review of Engineering Senior Design Projects to Aid Persons with Disabilities, 2008-2012 | 090880 | 3/15/2010 | 2/28/2015 | $298,258 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Electrical & Computer Engineering | Forte, Domenic | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | SHF:Small:GOALI: Advanced Physical Inspection of Counterfeit Integrated Circuits | 140771 | 8/1/2014 | 7/31/2017 | $425,000 |
| Electrical & Computer Engineering | Gokirmak, Ali | DOE/Department of Energy | Crystalization and Thermoelectric Transport in Silicon Nanostructures under Extreme Electrical Stress | 091267 | 9/1/2010 | 8/31/2016 | $962,000 |
| Electrical & Computer Engineering | Gokirmak, Ali | NSF/ENG/Directorate for Engineering | CAREER: Phase-change Memory Devices and Electro-thermal Effects at Nanoscale | 120044 | 2/1/2012 | 1/31/2017 | $439,600 |
| Electrical & Computer Engineering | Gupta, Shalabh | United Technologies-Aerospace Systems | Prognostic and Health Management of Hamilton Systems in Boeing 787 | 140078 | 1/1/2013 | 12/31/2015 | $179,999 |
| Electrical & Computer Engineering | Gupta, Shalabh | United Technologies-Aerospace Systems | Prognostic and Health Management of Hamilton Systems in Boeing 787 | 120700 | 1/1/2012 | 12/31/2013 | $100,000 |
| Electrical & Computer Engineering | Jain, Faquir C | DOD/Navy/Naval Undersea Warfare Center | Optimization of Design and Process Development for Gain Chip | 130590 | 3/27/2013 | 12/31/2014 | $74,694 |
| Electrical & Computer Engineering | Jain, Faquir C | DOD/Navy/Naval Undersea Warfare Center | MEMS Magnetic Sensor | 130887 | 3/6/2013 | 9/30/2013 | $9,000 |
| Electrical & Computer Engineering | Jain, Faquir C | Not Available/Lightworks | Chirped Single Frequency Laser Development | 150129 | 8/22/2014 | 3/31/2015 | $20,557 |
| Electrical & Computer Engineering | Jain, Faquir C | Nufern | On-chip Integrated Photonic FOG | 140560 | 5/18/2014 | 11/17/2014 | $43,270 |
| Electrical & Computer Engineering | Javidi, Bahram | DOD/DARPA/Northwestern University | 4p-Steradian Curved and Lenseless Imagers (4p-SCALE) | 140009 | 10/15/2013 | 11/14/2015 | $117,000 |
| Electrical & Computer Engineering | Javidi, Bahram | Electronics and Telecommunications Research Institute (ETRI) | Research on Integral Imaging and Holography: How to Optimally Connect the Two Technologies | 120493 | 12/1/2011 | 2/28/2014 | $122,000 |
| Electrical & Computer Engineering | Javidi, Bahram | Lockheed Martin Corporation | Super-Resolution and Passive 3D Imagery | 131083 | 6/15/2013 | 12/13/2013 | $25,000 |
| Electrical & Computer Engineering | Javidi, Bahram | Samsung Electronics Co., Ltd. | Matching the Asymmetric Characteristics of Integral Imaging Sensors and Displays Design Parameters | 131258 | 11/1/2013 | 10/31/2014 | $100,000 |
| Electrical & Computer Engineering | Javidi, Bahram | Samsung Electronics Co., Ltd. | Samsung Global Research Outreach Program | 111213 | 12/1/2011 | 6/30/2014 | $398,551 |
| Electrical & Computer Engineering | Khan, Omer | NSF/National Science Foundation | EAGER: Locality-Aware Data Access Control for Future 1000-Core Processors | 150063 | 8/1/2014 | 7/31/2016 | $100,000 |
| Electrical & Computer Engineering | Luh, Peter B | ABB, Inc | High Levels of Renewable Generation: Markovian and Interval-Based Unit Commitment | 140860 | 8/1/2014 | 7/31/2015 | $80,000 |
| Electrical & Computer Engineering | Luh, Peter B | Alstom Grid | Short-Term Load Forecasting in the Era of Smart Grid | 101130 | 9/1/2010 | 8/31/2015 | $314,600 |
| Electrical & Computer Engineering | Luh, Peter B | DOE/Department of Energy/Alstom Grid | Load Forecasting at the Distribution Level in the Face of Distributed Energy Resources | 111001 | 1/5/2012 | 6/30/2014 | $120,000 |
| Electrical & Computer Engineering | Luh, Peter B | ENN Science & Technology Development | Research on Ubiquitous Energy Network Scheduling and Grid Integration | 131126 | 4/1/2013 | 12/1/2013 | $48,381 |
| Electrical & Computer Engineering | Luh, Peter B | ISO New England Inc. | Electricity Auctions with Intermittent Renewable Generation | 070888-01 | 8/22/2008 | 12/31/2015 | $317,286 |
| Electrical & Computer Engineering | Luh, Peter B | NSF/ENG/Directorate for Engineering | Building Emergency Evacuation: Innovative Modeling and Optimization | 100354 | 6/1/2010 | 5/31/2015 | $498,504 |
| Electrical & Computer Engineering | Luh, Peter B | NSF/ENG/Directorate for Engineering | Efficient and Robust Electricity Markets with Intermittent Renewable Generation and Smart Metering Infrastructure | 100871 | 8/1/2010 | 7/31/2015 | $359,786 |
| Electrical & Computer Engineering | Luh, Peter B | Pareto Energy | Assessment of the GridLink Technology | 150142 | 8/15/2014 | 8/31/2015 | $369,856 |
| Electrical & Computer Engineering | Park, Sung Yeul | DRS Fermont | Development of Single-Phase Inverter for Vehicle to Grid Applications | 130890 | 1/8/2013 | 5/22/2014 | $85,443 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Electrical & Computer Engineering | Park, Sung Yeul | NSF/ENG/Directorate for Engineering | EAGER: Wireless Power Quality Management System for Residential Applications | 141373 | 8/15/2014 | 7/31/2016 | $194,120 |
| Electrical & Computer Engineering | Pattipati, Krishna R | DOD/Missile Defense Agency/Sonalysts, Inc | Agent-based Decision Support Concepts for Command and Control in BMDS | 140271 | 8/6/2014 | 10/25/2014 | $27,500 |
| Electrical & Computer Engineering | Pattipati, Krishna R | DOD/Navy/Office of Naval Research | Agile Information and Decision Support Concepts for Dynamic Planning/Re-planning in C2 of Unmanned and Undersea Systems | 111339 | 12/1/2011 | 12/31/2015 | $1,148,080 |
| Electrical & Computer Engineering | Pattipati, Krishna R | DOD/U.S. Naval Research Laboratory/University Corporation for Atmospheric Research | Quantifying Uncertainty in the Battlespace Environment (QUBE) | 141518 | 6/24/2014 | 6/30/2015 | $325,000 |
| Electrical & Computer Engineering | Pattipati, Krishna R | Fairchild Semiconductor Corporation | Optimized Battery Charging Algorithm (Project B) | 130755 | 1/15/2013 | 2/1/2015 | $312,666 |
| Electrical & Computer Engineering | Pattipati, Krishna R | Fairchild Semiconductor Corporation | Battery Fuel Gauge Adaptive Prognostication Algorithm | 120748 | 2/15/2012 | 2/1/2015 | $560,190 |
| Electrical & Computer Engineering | Pattipati, Krishna R | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | CyberSEES: Type 2: Fault Detection, Diagnosis and Prognosis of HVAC Systems | 130871 | 10/1/2013 | 9/30/2016 | $1,090,000 |
| Electrical & Computer Engineering | Pattipati, Krishna R | NSF/ENG/Directorate for Engineering | GOALI: Diagnosis and Prognosis of Automotive Chassis Systems | 100327 | 9/15/2010 | 8/31/2015 | $359,995 |
| Electrical & Computer Engineering | Pattipati, Krishna R | NSF/ENG/Directorate for Engineering | CPS:Small: Collaborative Research: Fault Diagnosis and Prognosis in a Network of Embedded Systems in Automotive Vehicles | 090855 | 9/1/2009 | 8/31/2013 | $550,000 |
| Electrical & Computer Engineering | Silva, Helena | NSF/ENG/Directorate for Engineering | Fundamentals & Applications of Thermoelecric Transport in Nanometer Scale Phase-Change Bridge Memory Devices | 090748 | 9/15/2009 | 8/31/2014 | $365,679 |
| Electrical & Computer Engineering | Taylor, Geoff W | Department of Defense/ODIS, Inc | Optoelectronic Directional Couplers for Optical Switching Fabrics | 100397 | 1/27/2010 | 1/26/2014 | $420,000 |
| Electrical & Computer Engineering | Taylor, Geoff W | Opel, Inc | Development of Planar Waveguide Interconnect | 130276 | 8/23/2012 | 1/1/2016 | $500,000 |
| Electrical & Computer Engineering | Tehranipoor, Mohammad | Comcast Cable Communications Management | Hardware Security Assessment -- 2013 (SP 2108) | 140354 | 7/10/2013 | 12/31/2014 | $90,000 |
| Electrical & Computer Engineering | Tehranipoor, Mohammad | Comcast Cable Communications Management | Improving Hardware Security and Trust | 131089 | 5/1/2013 | 5/31/2014 | $93,000 |
| Electrical & Computer Engineering | Tehranipoor, Mohammad | Comcast Cable Communications Management | Hardware Security Assessment -- 2013 (SP 995) | 140176 | 7/10/2013 | 12/31/2014 | $40,000 |
| Electrical & Computer Engineering | Tehranipoor, Mohammad | Comcast Cable Communications Management | Hardware Security Assessment -- 2013 (SP 2220) | 140353 | 7/25/2013 | 12/31/2014 | $60,000 |
| Electrical & Computer Engineering | Tehranipoor, Mohammad | DOD/Army | Design-for-Hardware-Trust Techniques, Detection Strategies and Metrics for Hardware Trojans | 100673 | 9/15/2011 | 9/14/2014 | $240,000 |
| Electrical & Computer Engineering | Tehranipoor, Mohammad | DOD/Missile Defense Agency | Development of Innovative Solutions for Hardware Security, and Detection and Prevention of Counterfeit Electronics Components | 131157 | 6/14/2013 | 6/13/2016 | $293,133 |
| Electrical & Computer Engineering | Tehranipoor, Mohammad | DOD/Office of the Secretary of Defense/R3Logic | Detecting Malicious Circuits in IP-Cores | 141339 | 5/12/2014 | 11/3/2014 | $31,890 |
| Electrical & Computer Engineering | Tehranipoor, Mohammad | Mixed Sources | CHASE Center Memberships | 140279 | 8/22/2013 | 8/21/2017 | $100,000 |
| Electrical & Computer Engineering | Tehranipoor, Mohammad | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | Novel Imaging Approaches for Detection of Counterfeit ICs | 131315 | 10/1/2013 | 3/31/2015 | $150,000 |

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|---|---|---|---|---|---|---|---|
| Electrical & Computer Engineering | Tehranipoor, Mohammad | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | CAREER: Novel Techniques for Detecting and Localizing Hardware Trojans in Integrated Circuits | 090055 | 6/1/2009 | 5/31/2015 | $415,995 |
| Electrical & Computer Engineering | Tehranipoor, Mohammad | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | A Multi-Level Test Approach for Improving Reliability and Performance of Nanometer Technology Designs | 130079 | 4/1/2013 | 3/31/2016 | $155,000 |
| Electrical & Computer Engineering | Tehranipoor, Mohammad | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | Collaborative Research: CI-ADDO-NEW: Trust-Hub: Design of Trust Benchmarks, Hardware Validation Platforms and a Web-Based Dissemination Portal | 110076 | 3/1/2011 | 2/28/2015 | $447,693 |
| Electrical & Computer Engineering | Tehranipoor, Mohammad | Semiconductor Research Corporation | Test and Analysis for Critical Reliability and Variability Paths for Improving Yield, Product Quality and Reliability | 101116 | 9/1/2010 | 1/31/2014 | $299,996 |
| Electrical & Computer Engineering | Tehranipoor, Mohammad | Semiconductor Research Corporation | A Multi-Level test Approach for Improving reliability and Performance of Nanometer technology Designs | 130565 | 4/1/2013 | 9/30/2015 | $108,000 |
| Electrical & Computer Engineering | Tehranipoor, Mohammad | Semiconductor Research Corporation | Low-Cost Self-Test Solutions for Improving Test Quality and Device Reliability and Resiliency | 131307 | 10/1/2013 | 9/30/2015 | $300,740 |
| Electrical & Computer Engineering | Van Dijk, Marten E | United Technologies-Research Center | UTRC: Tagged Architectures for Hardware Trojan Detection | 150133 | 7/7/2014 | 6/7/2015 | $25,000 |
| Electrical & Computer Engineering | Wang, Lei | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | CAREER: Embedded DSP with Underwater Renewable Energy: Towards Sustainability for Cyber-Aquatic Systems | 100064 | 3/1/2010 | 2/28/2016 | $502,919 |
| Electrical & Computer Engineering | Wang, Lei | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | MRI: Instrumentation Development for Sustainable Distributed Cyber-Aquatic Systems | 110768 | 9/1/2011 | 8/31/2015 | $499,999 |
| Electrical & Computer Engineering | Willett, Peter K | DOD/Missile Defense Agency/Toyon | Efficient Clutter Suppression and Nonlinear Filtering Techniques for Tracking Closely-Spaced Objects in the Presence of Debris | 140677 | 8/20/2014 | 8/3/2016 | $263,977 |
| Electrical & Computer Engineering | Willett, Peter K | DOD/Missile Defense Agency/Vectraxx, Inc | EO/IR Cluster Tracking via the H-PMHT | 130869 | 3/18/2013 | 9/17/2013 | $46,104 |
| Electrical & Computer Engineering | Willett, Peter K | DOD/Navy | Tracking Nontraditional Targets:  A Data Association Perspective | 140245 | 5/15/2014 | 5/14/2015 | $148,913 |
| Electrical & Computer Engineering | Willett, Peter K | DOD/Navy/Office of Naval Research | MIMO RADAR: Tracking, Compressed Sensing and OFDM | 090274 | 4/1/2009 | 7/31/2014 | $476,245 |
| Electrical & Computer Engineering | Willett, Peter K | DOD/Navy/Office of Naval Research | Maintaining Resolution of Closely Spaced Objects via Label-Free Methods | 130227 | 1/1/2013 | 12/31/2015 | $327,765 |
| Electrical & Computer Engineering | Zhang, Liang | NSF/ENG/Directorate for Engineering | GOALI: Real-Time Control of Production Systems for Energy-Efficient Manufacturing: Theory and Applications | 140499 | 8/23/2013 | 8/31/2015 | $149,738 |
| Electrical & Computer Engineering | Zhang, Peng | DOE/Department of Energy | WiFi-Enabled Plug-In Multi-Outlet Adapter | 131223 | 5/23/2013 | 4/30/2014 | $65,793 |
| Electrical & Computer Engineering | Zhang, Peng | Northeast Utilities | Evaluation of Selective Hardening Options | 120895 | 3/1/2012 | 8/31/2014 | $147,012 |
| Electrical & Computer Engineering | Zhou, Shengli | DOD/Navy/Office of Naval Research | Advancing Underwater Acoustic Communication for Autonomous Distributed Networks via Sparse Channel Sensing, Coding and Navigation Support | 090815 | 4/1/2009 | 3/31/2014 | $999,998 |
| Electrical & Computer Engineering | Zhou, Shengli | NSF/ENG/Directorate for Engineering | Collaborative Research: Underwater Distributed Antenna Systems: Fundamental Limits and Practical Designs | 130456 | 7/15/2013 | 6/30/2016 | $256,000 |
| Electrical & Computer Engineering | Zhou, Shengli | NSF/ENG/Directorate for Engineering | Collaborative Research: Efficient and Robust Underwater Acoustic Sensor Networks: An Integrated Coding Approach | 110793 | 9/1/2011 | 8/31/2014 | $195,000 |
| Electrical & Computer Engineering | Zhu, Qing | CT Department of Public Health | Targeted Probes for Breast Tumor Hypoxia Imaging | 140567 | 11/1/2013 | 1/31/2015 | $44,009 |

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|---|---|---|---|---|---|---|---|
| Electrical & Computer Engineering | Zhu, Qing | DOD/Army/MedicalResearch and Materiel Command | Photoacoustic-Guided Diffuse Optical Tomography for Breast Cancer Detection and Diagnosis | 090521 | 9/21/2009 | 3/20/2014 | $293,570 |
| Electrical & Computer Engineering | Zhu, Qing | PHS/NIH/National Cancer Institute | Co-Registered Photoacoustic and Ultrasound Imaging for Non-Invasive Ovarian Cancer Detection and Characterization | 110425 | 7/1/2011 | 4/30/2016 | $1,604,436 |
| Electrical & Computer Engineering | Zhu, Qing | PHS/NIH/National Institute of Biomedical Imaging and Bioengineering | Near Infrared Diffused Light Imaging with Ultrasound Guidance: Predicting Neoadjuvant Chemotherapy Response | 130936 | 9/30/2013 | 8/31/2017 | $1,428,009 |
| Electrical & Computer Engineering | Zhu, Qing | Seery (William O.) Foundation | The Utilization of Near-Infrared Light-Ultrasound Technology to Assess Tumor Response to Systmic Therapy | 140405 | 11/15/2013 | 11/14/2015 | $80,000 |
| Electrical & Computer Engineering | Zhu, Qing | University of CT Health Center | Enhancing the Funded NIH Grant Entitled "Co-Registered Photoacoustic and Ultrasound Imaging for Non-Invasive Ovarian Cancer Detection and Characterization" | 121134 | 5/21/2012 | 1/15/2014 | $39,730 |
| Engineering Diversity Program | Burkey, Daniel D | Mixed Sources | MEM Senior Design | 140561 | 10/3/2013 | 12/31/2015 | $12,000 |
| English | Courtmanche, Jason C | ED/Department of Education/National Writing Project Corporation | Development in a High-Need School | 141195 | 8/1/2014 | 8/31/2015 | $20,000 |
| English | Duane, Anna M | NEH/National Endowment for the Humanities | Enduring Questions | 130285 | 1/1/2014 | 5/31/2015 | $18,005 |
| Extension | Dickson, David | DOC/National Oceanic and Atmospheric Administration | Support for NEMO U and SCCD Meeting | 101346 | 6/1/2010 | 1/31/2014 | $5,000 |
| Extension | Wallace, Victoria | CT Department of Energy and Environmental Protection | Efficacy Trials of EPA Exempt "Minimum Risk" Pesticides | 141409 | 6/9/2014 | 12/31/2016 | $37,850 |
| Extension CES - Hartford | Martin, Jennifer L | USDA/Agricultural Marketing Service/CT Department of Agriculture | Buying Local: Measuring Baseline Consumption and Awareness in Connecticut | 121137 | 5/1/2013 | 9/29/2015 | $73,981 |
| Extension CES - Middlesex | Arnold Jr, Chester L | EPA/Environmental Protection Agency/CSS-Dynamac | N-Sink Tool Stakeholder Feedback and Alalysis of Scalability | 141063 | 4/14/2014 | 7/7/2014 | $24,441 |
| Extension CES - Middlesex | Arnold Jr, Chester L | USDA/CSREES | Support of NIWQP Research, Education and Extension Outreach through Geospatial Technology Training | 100043 | 9/1/2009 | 8/31/2014 | $385,000 |
| Extension CES - Middlesex | Balcom, Nancy C | DOI/U.S. Fish & Wildlife Service/CT Department of Energy and Environmental Protection | Research of Life History and Invasive Potential of the Non-native Lightbulb Tunicate Cooperative Agreement | 130450 | 7/15/2013 | 9/30/2014 | $25,473 |
| Extension CES - Middlesex | Balcom, Nancy C | DOI/U.S. Fish & Wildlife Service/CT Department of Energy and Environmental Protection | DEEP 2013 Aquatic Nuisance Species Co-operative Agreement | 130104 | 8/31/2012 | 8/31/2013 | $34,676 |
| Extension CES - Middlesex | Balcom, Nancy C | EPA/Long Island Sound Office | Long Island Sound Study (LISS) Public Outreach Program | 091232 | 10/1/2009 | 9/30/2014 | $471,957 |
| Extension CES - Middlesex | Barrett, Juliana | DOC/National Oceanic and Atmospheric Administration | Stormwater Management as a Climate Change Adaptation Strategy, Bridgeport, CT | 101142 | 5/1/2010 | 4/30/2015 | $30,000 |
| Extension CES - Middlesex | Barrett, Juliana | DOI/US Geological Survey | Field Testing the Educational and Land Use Planning Value of a New Nitrogen Modeling Tool in the Niantic River Watershed | 120477 | 3/1/2012 | 2/28/2015 | $9,343 |
| Extension CES - Middlesex | Dietz, Michael E | EPA/Environmental Protection Agency | Bioretention-Based Stormwater Practices | 121111 | 10/1/2012 | 12/30/2013 | $66,603 |
| Extension CES - Middlesex | Dietz, Michael E | EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection | Multi-Faceted Support of IC-TMDL Implementation | 110247 | 9/1/2012 | 5/31/2014 | $90,000 |
| Extension CES - Middlesex | Worthley, Thomas E | USDA/Animal and Plant Health Inspection Service | 2014 Emerald Ash Borer Survey | 141145 | 4/15/2014 | 12/31/2014 | $13,230 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Extension CES - Middlesex | Worthley, Thomas E | USDA/Forest Service | Diversity Intern | 140163 | 9/13/2013 | 9/15/2014 | $20,000 |
| Extension CES - Middlesex | Worthley, Thomas E | USDA/National Institute of Food and Agriculture | Feasibility of a Local Wood Products Network for Rural Lands in Urbanizing Regions: A Pilot Study in Southern New England | 111020 | 9/1/2011 | 8/31/2013 | $149,980 |
| Extension CES - Middlesex | Worthley, Thomas E | USDA/Natural Resources Conservation Service | Forester Partner Planner | 140315 | 9/30/2013 | 12/31/2014 | $64,182 |
| Extension CES - New Haven | Hirsch, Diane W | USDA/National Institute of Food and Agriculture/Cornell University | Enhancing the Safety of Non-Thermally Processed Apple Juice: New England Processors Workshop | 100771 | 9/1/2010 | 8/31/2014 | $21,922 |
| Extension CES - New Haven | Taylor, Umekia R | USDA/National Institute of Food and Agriculture | AFRI Integrated Project - Extension and Research - Connecticut Fitness and Nutrition Clubs in Motion (CT FANs IM) | 111186 | 9/1/2012 | 8/31/2015 | $1,293,517 |
| Extension CES - New London | Getchis, Tessa L | DOC/National Oceanic and Atmospheric Administration/DOC/NOAA/Oceanic and Atmospheric Research | Community-Supported Aquaculture and Education Project | 101234 | 1/1/2011 | 4/30/2015 | $269,142 |
| Extension CES - New London | Getchis, Tessa L | DOC/NOAA/Oceanic and Atmospheric Research | Development of a Northeast Aquaculture Research Farm Network | 131147 | 3/1/2014 | 2/29/2016 | $274,406 |
| Extension CES - Windham | Meader, Joyce E | USDA/Department of Agriculture/University of Rhode Island | Improving Small Ruminant Parasite Control in New England | 100469 | 8/5/2010 | 10/31/2013 | $14,829 |
| Finance | Carstensen, Fred V | Lower Connecticut River Valley Council of Governments | RiverCOG Economic Amenity Valuation Project | 141127 | 3/10/2014 | 12/31/2014 | $30,000 |
| Geography | Atkinson-Palombo, Carol | Academy of Korean Studies (AKS) | The Development of Educational Materials on Korean Geographical Names and the Training | 120496 | 12/1/2011 | 11/30/2014 | $70,854 |
| Geography | Ghosh, Debarchana | PHS/NIH/National Institute on Drug Abuse | Connecting People, Places and Barriers: The Effect of these Connections on Adherence and Retention in Care for HIV Infected Drug Users | 140188 | 8/1/2014 | 7/31/2019 | $863,345 |
| Geography | Ouimet, William B | NSF/GEO/Directorate for Geosciences | RAPID: Characterizing Sediment Mobilization and Landscape Response to the Combined Effects of Wildfire and Extreme Flooding along Fourmile Canyon, Front Range Colorado | 140426 | 11/15/2013 | 10/31/2014 | $15,054 |
| Geography | Seth, Anji | DOC/National Oceanic and Atmospheric Administration | In-Depth Regional Process-level Analyses of NARCCAP and AR5 simulations over North America: Towards Establishing Differential Credibility of Future Regional Climate Simulations | 110213 | 9/1/2011 | 8/31/2015 | $228,765 |
| Geography | Seth, Anji | NSF/GEO/Directorate for Geosciences | CAREER: Understanding Changing Seasonality, Variability and Extremes in the Northeast United States | 110050 | 5/1/2011 | 4/30/2016 | $604,711 |
| Geography | Trumbull, Nathaniel S | DOC/National Oceanic and Atmospheric Administration/University of Washington | Analyzing the Environmental and Economic Impacts of Moorage Marinas in the West Coast States | 131427 | 2/1/2014 | 1/31/2015 | $17,002 |
| Geography | Trumbull, Nathaniel S | DOS/Department of State | Nuclear Power Plant Decommissioning in the United States and Former Soviet Union: An On-Line Course | 140141 | 10/1/2013 | 1/31/2015 | $99,950 |
| Geography | Zhang, Chuanrong | NSF/BIO/Directorate for Biological Sciences | CNH-Ex: Interactive Effects of Economics, Public Policy, Land Use Change, and Invasive Plants in Long Island Sound Watersheds | 140573 | 8/1/2014 | 1/31/2017 | $249,966 |
| History | Forbes, Robert | NEH/National Endowment for the Humanities | An Annotated Edition of Jefferson's Notes on the State of Virginia | 140210 | 9/1/2013 | 8/31/2014 | $50,400 |
| Human Dev/Family Studies Instr and Rsrch | Anderson, Stephen A | CT Department of Justice | Evaluation of Crossover Youth | 121068 | 6/5/2012 | 6/30/2015 | $75,000 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Human Dev/Family Studies Instr and Rsrch | Anderson, Stephen A | Department of Justice/CT Office of Policy and Management | Evaluation of Police-Youth Programs | 111293 | 7/1/2011 | 9/30/2014 | $126,000 |
| Human Dev/Family Studies Instr and Rsrch | Anderson, Stephen A | DOJ/Department of Justice/CT Office of Policy and Management | Evaluation of Effective School Staff Interactions with Students and Police | 121099 | 5/1/2012 | 9/30/2013 | $90,000 |
| Human Dev/Family Studies Instr and Rsrch | Eaton, Lisa A | PHS/NIH/National Institute of Mental Health | Serosorting Intervention for HIV Negative MSM | 110186 | 7/11/2011 | 4/30/2016 | $3,087,287 |
| Human Dev/Family Studies Instr and Rsrch | Eaton, Lisa A | PHS/NIH/National Institute on Drug Abuse/University of Pittsburgh | Understanding Delayed Access to HIV Prevention Services Among Black MSM | 130166 | 6/1/2013 | 3/31/2018 | $328,273 |
| Human Dev/Family Studies Instr and Rsrch | Farrell, Anne F | PHS/DHHS/Administration for Children and Families/The Connection, Inc | Intensive Supportive Housing for Families Program | 130109 | 10/1/2012 | 9/30/2017 | $1,112,406 |
| Human Dev/Family Studies Instr and Rsrch | Gans-Deluca, Kim | PHS/National Institutes of Health/University of California, San Diego | Promoting Physical Activity in Latinas via Interactive Web-Based Technology | 150268 | 8/1/2014 | 7/31/2015 | $23,324 |
| Human Dev/Family Studies Instr and Rsrch | Gans-Deluca, Kim | PHS/NIH/National Heart, Lung, and Blood Institute/Brown University | Improving Nutrition and Physical Activity Environments in Home-Based Child Care | 150422 | 8/1/2014 | 5/30/2019 | $407,627 |
| Human Dev/Family Studies Instr and Rsrch | Harkness, Sara | University of CT Health Center | Support for the Center for the Study of Culture, Health, and Human Development | 141008 | 7/1/2013 | 6/30/2014 | $2,500 |
| Human Dev/Family Studies Instr and Rsrch | Sabatelli, Ronald M | Department of Justice/CT Office of Policy and Management | Evaluation of School Attendance Model Kindergarten Program | 141480 | 7/1/2014 | 6/30/2016 | $102,000 |
| Human Dev/Family Studies Instr and Rsrch | Super, Charles M | City of Hartford, CT | Family Development Training Evaluation | 131103 | 8/1/2013 | 6/30/2014 | $10,000 |
| Human Dev/Family Studies Instr and Rsrch | Super, Charles M | CT Department of Social Services/Childrens Trust Fund | Evaluation of the Positive Parenting Program | 131104 | 9/1/2012 | 8/31/2015 | $90,000 |
| Human Dev/Family Studies Instr and Rsrch | Super, Charles M | World Bank | Child Assessment for Niger Safety Nets Project Impact Evaluation | 141105 | 4/24/2014 | 3/31/2015 | $49,940 |
| Human Dev/Family Studies Instr and Rsrch | Weaver, Shannon | ED/Department of Education/CT Department of Education | HDFS College Career Pathways Program | 150070 | 7/1/2014 | 6/30/2015 | $17,500 |
| Human Dev/Family Studies Instr and Rsrch | Weaver, Shannon | ED/Department of Education/CT Department of Education | HDFS College Career Pathways Program | 131383 | 7/1/2013 | 6/30/2014 | $20,000 |
| Institute of Materials Science | Boggs, Steven A | DOD/Air Force Research Laboratory/TPL, Inc. | Phase II STTR: High Energy Density Nanocomposite Based on Tailored Surface Chemistry | 110658 | 10/27/2011 | 12/31/2013 | $225,000 |
| Institute of Materials Science | Boggs, Steven A | Northeast Utilities | Effect of Duct Air Flow on Manhole Events Caused by Failure of Network Secondary Cable | 121046 | 6/1/2012 | 9/30/2013 | $35,000 |
| Institute of Materials Science | Gell, Maurice L | DOE/Department of Energy/HiFunda | Ultra High Temperature Thermal Barrier Coatings | 130541 | 4/22/2013 | 4/21/2015 | $387,074 |
| ISS-First Year Programs & Learning Community | Conover, Joanne | PHS/NIH/National Institute of Neurological Disorders and Stroke | Repeated Mild Traumatic Brain Injury and Its Impact on Ventricle System Health | 140788 | 8/15/2014 | 7/31/2016 | $417,089 |
| Kinesiology | Armstrong, Lawrence E | Danone Research | Hydration Biomarkers: Pregnant Women & Lactating Women | 120377 | 1/1/2012 | 4/30/2014 | $196,960 |
| Kinesiology | Armstrong, Lawrence E | Danone Research | Hydration Databases: A Prospective Analysis (SK_Y) | 140340 | 10/1/2013 | 5/31/2015 | $112,873 |
| Kinesiology | Bhat, Anjana | Autism Speaks | Embodied Rhythm Intervention for Children with Autism Spectrum Disorders | 121088 | 12/1/2012 | 8/31/2014 | $76,518 |
| Kinesiology | Bhat, Anjana | PHS/NIH/National Institute of Child Health and Human Development | Visual Attention and Fine Motor Coordination in Infants at Risk for Autism | 101022 | 1/23/2011 | 8/31/2014 | $107,551 |
| Kinesiology | Bhat, Anjana | PHS/NIH/National Institute of Mental Health | Robot Child Interactions as an Intervention for Children with Autism | 091187 | 9/30/2009 | 8/31/2014 | $1,134,987 |
| Kinesiology | Casa, Douglas J | Mission Athletecare | Shirt & Hat Influence Rise in Temperature (SHIRT) Study | 141081 | 4/10/2014 | 6/30/2015 | $63,000 |
| Kinesiology | Casa, Douglas J | National Football League (NFL) Foundation | National Football League/Korey Stringer Institute Partnership | 150089 | 8/15/2014 | 8/15/2017 | $300,000 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Kinesiology | Casa, Douglas J | Quest Diagnostics | Research, Developmentation and Implementation of the Personalized Blueprint for Athletes | 141068 | 6/3/2014 | 6/2/2015 | $40,000 |
| Kinesiology | Casa, Douglas J | Timex | A Partnership with Timex to Examine the Scope and Efficacy of High Athletic Monitoring Devices | 111005 | 6/1/2011 | 12/31/2013 | $77,078 |
| Kinesiology | Casa, Douglas J | University of North Carolina, Chapel Hill | National Center for Catastrophic Sports Injury Research | 150077 | 8/1/2014 | 8/1/2017 | $75,000 |
| Kinesiology | Casa, Douglas J | Welkins | Effect of Post Exercise Head Cooling on Body Temperature, Performance and Cognition | 140623 | 1/1/2014 | 6/30/2015 | $61,645 |
| Kinesiology | Distefano, Lindsay | Hood (Charles H.) Foundation | Pediatric Sports Injury Prevention: Monitoring Changes Over Time | 131069 | 7/1/2013 | 6/30/2015 | $150,000 |
| Kinesiology | Distefano, Lindsay | National Athletic Trainers' Association Research and Education Foundation | Lower-Extremity Injury Prevention: Monitoring Changes Over Time | 120113 | 6/1/2012 | 12/1/2013 | $57,395 |
| Kinesiology | Distefano, Lindsay | National Athletic Trainers' Association Research and Education Foundation | Comparative Effectiveness of Injury Prevention Programs in Adolescent Athletes | 140972 | 6/24/2014 | 12/31/2015 | $2,500 |
| Kinesiology | Distefano, Lindsay | National Athletic Trainers' Association Research and Education Foundation | The Acute Effects of an Injury Prevention Program on Performance and Landing Technique | 120840 | 8/15/2012 | 8/31/2013 | $1,000 |
| Kinesiology | Kraemer, William J | Abbott Nutrition/Abbott Laboratories | The Role of EAS Recovery TM Protein in Protecting Muscle and Promoting Recovery from Intense Conditioning | 121076 | 8/22/2012 | 5/31/2014 | $150,034 |
| Kinesiology | Kraemer, William J | AdvoCare International, L.P. | Effects of Beetroot Supplementation on Skeletal Muscle Efficiency During Resistance Exercise | 131227 | 9/27/2013 | 8/31/2014 | $55,634 |
| Kinesiology | Kraemer, William J | National Strength and Conditioning Association | Editorial Experience and Support Experience Grant | 080142 | 7/1/2007 | 5/31/2015 | $330,377 |
| Kinesiology | Kraemer, William J | Nu Science Laboratories | Influence of a NuBound Supplement on Recovery Response after Acute Resistance Exercise | 120531 | 8/1/2012 | 5/31/2014 | $80,895 |
| Kinesiology | Kraemer, William J | Under Armour | An Innovative Research Program on the Protective and Performance Ergonomics of Under Armour Apparel | 101112 | 12/1/2010 | 5/31/2014 | $137,779 |
| Kinesiology | Kraemer, William J | Under Armour | Under Armour Apparel Project: Performance and Recovery | 130226 | 7/1/2013 | 8/31/2014 | $401,783 |
| Kinesiology | Lee, Elaine C | Foundation for Aging Studies and Exercise Science Research | Chaperone and Antioxidant Responses of PBMCs to Exercise, Heat, and Dehydration Stress | 141067 | 6/1/2014 | 5/31/2015 | $5,000 |
| Kinesiology | Mazerolle, Stephanie M | Eastern Athletic Trainers' Association | A Comparison of Organizational Infrastructure on the Quality of Life of the Athletic Trainer | 131038 | 11/1/2013 | 1/31/2015 | $4,900 |
| Kinesiology | Mazerolle, Stephanie M | National Athletic Trainers' Association Research and Education Foundation | Implementing Health and Safety Policy Changes at the High School Level from the Leadership Perspective | 130921 | 8/6/2013 | 12/31/2014 | $2,475 |
| Kinesiology | Mazerolle, Stephanie M | National Athletic Trainers' Association Research and Education Foundation | An Examination of Graduate Assistant Athletic Trainer Experiences | 130922 | 7/24/2013 | 12/31/2014 | $950 |
| Kinesiology | Pescatello, Linda S | NASA/National Aeronautics & Space Administration/University of Hartford | Investigating Deep Vein Thrombosis Risk in Women at Flight | 141185 | 8/23/2014 | 8/1/2015 | $19,800 |
| Kinesiology | Pescatello, Linda S | PHS/NIH/National Institute on Drug Abuse/University of CT Health Center | Reinforcing Exercise in Cocaine Abusers | 090654 | 9/30/2009 | 1/7/2015 | $382,193 |
| Kinesiology | Pescatello, Linda S | PHS/NIH/National Institute on Drug Abuse/University of CT Health Center | Healthy Activities for Prize Incentives (HAPI) | 071093 | 6/1/2008 | 1/31/2014 | $185,471 |
| Kinesiology | Pescatello, Linda S | University of CT Health Center | Cardiometabolic Signatures Associated with Obesity and Hypertension and Their Response to Exercise: A Pilot Study | 140803 | 12/1/2013 | 9/30/2014 | $24,480 |
| Kinesiology | Pryor, John L | Eastern Athletic Trainers' Association | Effectiveness of an Intermittent Heat Exposure Protocol to Maintain Heat Acclimation | 141100 | 8/1/2014 | 12/31/2015 | $9,960 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Kinesiology | Volek, Jeff S | American Egg Board | Effect of Incremental Increases in Dietary Carbohydrate on Saturated Fat Levels and Blood Borne Risk Markers for Cardiovascular Disease | 120560 | 9/1/2011 | 9/30/2013 | $120,000 |
| Kinesiology | Volek, Jeff S | Atkins Nutritional, Inc. | Product Testing Using the Net Atkins Count Approach | 130561 | 3/7/2013 | 12/30/2013 | $124,032 |
| Kinesiology | Volek, Jeff S | CT Department of Public Health | Cardioprotective Synergy of Smoking Cessation and gamma-Tocopherol in Restoring Vascular Endothelial Function | 101135 | 1/2/2011 | 4/30/2014 | $303,190 |
| Kinesiology | Volek, Jeff S | Dairy Management Inc (DMI) | Effect of Incremental Increases in Dietary Carbohydrate on Saturated Fat Levels and Blood Borne Risk Markers for Cardiovascular Disease | 110910 | 9/1/2011 | 9/30/2013 | $193,773 |
| Kinesiology | Volek, Jeff S | National Cattlemen's Beef Association | Effect of Incremental Increases in Dietary Carbohydrate on Saturated Fat Levels and Blood Borne Risk Markers for Cardiovascular Disease | 120561 | 9/1/2011 | 9/30/2013 | $150,000 |
| Kinesiology | Volek, Jeff S | National Dairy Council/Dairy Management Inc (DMI) | Vasoprotective Activities of Non-fat Milk in Individuals with Metabolic Syndrome | 111047 | 9/1/2011 | 8/30/2014 | $169,732 |
| Kinesiology- Physical Therapy | Bohannon, Richard W | PHS/NIH/National Institute on Aging/University of CT Health Center | Intensive Blood Pressure Reduction to Lessen Functional Decline | 110394 | 9/15/2011 | 8/31/2016 | $80,244 |
| Library Regional Campuses - Greater Hartford | Howser, Michael R | CT Department of Energy and Environmental Protection | DEEP Conservation Easement Mapping Project | 140263 | 9/20/2013 | 4/30/2014 | $9,120 |
| Library Regional Campuses - Greater Hartford | Howser, Michael R | CT Office of Policy and Management | Connecticut State Data Center | 150178 | 7/1/2014 | 6/30/2015 | $77,232 |
| Library Regional Campuses - Greater Hartford | Howser, Michael R | CT Office of Policy and Management | Connecticut State Data Center | 140156 | 7/1/2013 | 6/30/2014 | $77,232 |
| Linguistics | Bobaljik, Jonathan | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Collaborative Research: Comprehensive Itelmen (itl) Dictionary | 130224 | 8/23/2013 | 2/29/2016 | $144,995 |
| Linguistics | Bobaljik, Jonathan | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Collaborative Research: Itelmen [itl] Audio/Video Documentation | 110231 | 5/15/2011 | 10/31/2015 | $191,639 |
| Linguistics | Boskovic, Zeljko | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | On the Traditional Noun Phrase: Comparing Languages with and Without Articles | 090645 | 9/15/2009 | 8/31/2015 | $290,792 |
| Linguistics | Lillo-Martin, Diane C | PHS/NIH/National Institute on Deafness and Other Communication Disorders | Development of Bimodal Bilingualism | 090060 | 5/15/2009 | 3/31/2015 | $2,973,118 |
| Linguistics | Lillo-Martin, Diane C | PHS/NIH/National Institute on Deafness and Other Communication Disorders | Executive Function and Implicit Learning in Deaf Children | 130128 | 9/27/2013 | 9/26/2016 | $151,926 |
| Linguistics | Sprouse, Jon | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Collaborative Research: An Integrative Theory of Syntactic Acquisition-Realistic Input, Quantitatively Defined Target States, and Computational Models of the Learning Strategy | 131408 | 5/23/2014 | 12/31/2017 | $231,102 |
| Linguistics | Van Der Hulst, Hendrikus G | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Collaborative Proposal: StressTyp2: A Database for Word Accentual Patterns in the World's Languages | 110717 | 9/1/2011 | 2/29/2016 | $286,898 |
| Linguistics | Van Der Hulst, Hendrikus G | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Sign Typ Continuation: A Cross-Linguistic Database | 101354 | 5/1/2012 | 4/30/2016 | $300,000 |
| Marine Sciences | Bucklin, Ann | NSF/OD | Population Ecology of Salpa Thompsoni Based on Molecular Indicators | 101287 | 6/15/2011 | 5/31/2015 | $776,165 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Marine Sciences | Byrne, Timothy B | NSF/GEO/Directorate for Geosciences | Collaborative Research: Non-Equilibrium Topography and Crustal-Scale Imbrication in an Arc-Continent Collision, Taiwan | 120618 | 9/1/2012 | 8/31/2015 | $381,675 |
| Marine Sciences | Dam Guerrero, Hans G | DOC/National Oceanic and Atmospheric Administration | Response of Zooplankton to Projected Changes in Temperature in Long Island Sound | 111226 | 2/1/2012 | 1/31/2014 | $140,435 |
| Marine Sciences | Dam Guerrero, Hans G | EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection | Long Island Sound Mesozooplankton and Microzooplankton Identification and Analyses 2012 | 120719 | 2/15/2012 | 9/30/2013 | $170,252 |
| Marine Sciences | Dam Guerrero, Hans G | EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection | LIS Mesozooplankton and Microzooplanton Identification and Analyses, 2014 | 141318 | 5/15/2014 | 11/30/2015 | $189,820 |
| Marine Sciences | Dam Guerrero, Hans G | EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection | Long Island Sound Mesozooplankton & Microzooplankton ID & Analysis 2010 | 100694 | 1/1/2010 | 8/31/2013 | $259,391 |
| Marine Sciences | Dam Guerrero, Hans G | EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection | Long Island Sound Mesozooplankton and Microzooplankton Identification and Analyses, 2013 | 131081 | 5/1/2013 | 3/31/2015 | $177,919 |
| Marine Sciences | Dam Guerrero, Hans G | NSF/BIO/Directorate for Biological Sciences | Collaborative Research: Costs and Advantages of a Novel Sodium Channel Mutation in Copepods | 091421 | 3/1/2010 | 2/28/2015 | $571,876 |
| Marine Sciences | Dam Guerrero, Hans G | NSF/GEO/Directorate for Geosciences | Algal Toxins as Anti-Grazing Defenses | 110844 | 9/15/2011 | 8/31/2015 | $468,979 |
| Marine Sciences | Dierssen, Heidi | DOD/Navy/Office of Naval Research/University of Texas at Austin | Biological Response to the Dynamic Spectral-Polarized Underwater Light Field | 090647 | 6/1/2009 | 5/15/2015 | $735,860 |
| Marine Sciences | Dierssen, Heidi | NASA/National Aeronautics & Space Administration | Airborne Imaging Spectroscopy of Benthic and Floating Vegetation in Relation to Carbon Export | 121198 | 3/5/2013 | 3/4/2016 | $404,026 |
| Marine Sciences | Dierssen, Heidi | NASA/National Aeronautics & Space Administration/NASA/Jet Propulsion Laboratory | Snow and Water: Imaging Spectroscopy for Coasts and Snow Cover | 140021 | 6/30/2014 | 3/31/2017 | $176,307 |
| Marine Sciences | Dierssen, Heidi | NASA/National Aeronautics & Space Administration/NASA/Jet Propulsion Laboratory | ROSES 2012: Airborne Technology Transition | 130282 | 6/30/2014 | 6/29/2016 | $100,000 |
| Marine Sciences | Dupraz, Christophe | American Chemical Society/Petroleum Research Fund | Microbial Processes During Early Diagenesis of Carbonate Resevoirs: A Laboratory Approach | 081064 | 5/1/2009 | 8/31/2013 | $100,000 |
| Marine Sciences | Edson, James B | DOD/Navy/Office of Naval Research | An Investigation of Turbulent Heat Exchange in the Subtropics | 100182 | 1/26/2010 | 12/31/2013 | $413,608 |
| Marine Sciences | Edson, James B | DOD/Navy/Office of Naval Research | An Investigation of Turbulent Heat Exchange in the Subtropics | 140597 | 9/1/2013 | 8/31/2015 | $80,000 |
| Marine Sciences | Edson, James B | NASA/National Aeronautics & Space Administration/University of New Hampshire | Determining Geophysical Impacts on Scatterometer Wind Stress Accuracy | 100513 | 9/1/2010 | 6/20/2015 | $119,059 |
| Marine Sciences | Edson, James B | NASA/National Aeronautics & Space Administration/Woods Hole Oceanographic Institution | A Surface Mooring for Direct Measurements of Air-Sea Fluxes, Evaporation and Precipitation | 101272 | 9/1/2011 | 2/1/2015 | $136,291 |
| Marine Sciences | Edson, James B | NASA/National Aeronautics & Space Administration/Woods Hole Oceanographic Institution | Synthesis of the SPURS Field Program | 140593 | 4/30/2014 | 4/29/2016 | $29,720 |
| Marine Sciences | Fewings, Melanie R | NASA/National Aeronautics & Space Administration | Satellite and Land-Based Sensing of Atmospheric Wind Relaxations and the Oceanic Response in the California Current Large Marine Ecosystem | 141088 | 7/2/2014 | 7/1/2016 | $250,601 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Marine Sciences | Fewings, Melanie R | NSF/GEO/Directorate for Geosciences | The Influence of Coastal-Trapped Waves on the Inner Continental Shelf:Temperature and Circulation Patterns | 130978 | 1/1/2013 | 3/31/2015 | $112,654 |
| Marine Sciences | Fitzgerald, William F | NSF/GEO/Directorate for Geosciences | Collaborative Research: Interwoven Biogeochemical Cycles and Biological Transformations of Mercury and Selenium in the Upper Ocean | 110838 | 9/1/2011 | 8/31/2015 | $500,150 |
| Marine Sciences | Granger, Julie | NSF/GEO/Directorate for Geosciences | The Ocean Nitrogen Imbalance Paradox: Environmental Controls on the Denitrification Isotope Effect | 120825 | 9/1/2012 | 8/31/2015 | $231,013 |
| Marine Sciences | Hamilton, John | NASA/National Aeronautics & Space Administration/Smithsonian Institution/Smithsonian Environmental Research Center | Sensitivity of Coastal Zone Ecosystems to Climate Change | 120582 | 6/1/2012 | 5/31/2015 | $44,825 |
| Marine Sciences | Hamilton, John | NSF/National Science Foundation/Smithsonian Institution/Smithsonian Environmental Research Center | Multi-scale Drivers and Effects of Biotic Change in the Global Mangrove - Salt Marsh Ecotone | 120581 | 3/22/2012 | 3/31/2015 | $44,842 |
| Marine Sciences | Lin, Senjie | EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection | Identification of Phytoplankton Collected from Long Island Sound 2013 | 130884 | 2/15/2013 | 9/30/2014 | $71,455 |
| Marine Sciences | Lin, Senjie | EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection | Identification of Phytoplankton Collected from Long Island Sound 2014 | 141179 | 6/25/2014 | 11/30/2015 | $72,659 |
| Marine Sciences | Lin, Senjie | EPA/Long Island Sound Office/CT Department of Energy and Environmental Protection | Identification of Phytoplankton Collected from Long Island Sound 2012 | 120605 | 2/15/2012 | 9/30/2013 | $66,570 |
| Marine Sciences | Lin, Senjie | NSF/GEO/Directorate for Geosciences | EArly-concept Grants for Exploratory Research (EAGER): Investigate a Novel Way of Light Harvesting by Marine Phytoplankton: Proton-Pump Rhodospin in Dinoflagellates | 120492 | 2/1/2012 | 1/31/2015 | $209,720 |
| Marine Sciences | Lund, David | NSF/GEO/Directorate for Geosciences | Diagnosing the Origin of Isotopically Light Carbon in the South Atlantic During the Last Deglaciation: An Oceanic or Geologic Source? | 140443 | 6/1/2014 | 5/31/2017 | $306,661 |
| Marine Sciences | Lund, David | NSF/National Science Foundation | Collaborative Research: Western Equatorial Pacific Rainfall During the Halocene - New Interannual Records from High Resolution Borneo Stalagmites | 140051 | 7/1/2013 | 8/31/2014 | $141,039 |
| Marine Sciences | Mason, Robert | DE Department of Natural Resources and Environmental Control | The Cycling and Fate of Mercury and Methylmercury in the Sub-Tidal Reaches of the Delaware Estuary | 110558 | 10/15/2011 | 9/15/2013 | $110,961 |
| Marine Sciences | Mason, Robert | NSF/OPP/Office of Polar Programs | Collaborative Research: Methylmercury Interactions with Marine Plankton | 130130 | 3/15/2013 | 2/29/2016 | $316,611 |
| Marine Sciences | Mason, Robert | Nunatsiavut Government | The sampling and analysis of mercury and methylmercury in Lake Melville, Labrador | 121253 | 7/23/2012 | 3/31/2014 | $84,262 |
| Marine Sciences | Mason, Robert | PHS/National Institutes of Health/Dartmouth College | Sources and Protracted Effects of Early Life Exposure to Arsenic and Mercury | 131032 | 4/1/2014 | 3/31/2015 | $94,642 |
| Marine Sciences | Mason, Robert | PHS/National Institutes of Health/Dartmouth College | Climate Impact on Coastal Ecosystem Methylmercury: Human Exposure Implications | 120474 | 9/26/2012 | 7/31/2015 | $555,774 |
| Marine Sciences | McManus, George B | NSF/GEO/Directorate for Geosciences | Collaborative Research: Diversity and Dynamics of Planktonic Ciliates - What Can Next-Generation Sequencing Technologies Tell Us? | 110831 | 9/1/2011 | 8/31/2015 | $408,830 |
| Marine Sciences | O'Donnell, James | CT Department of Energy and Environmental Protection | Creation of the Connecticut Institute for Resilience and Climate Adaptation | 141401 | 5/21/2014 | 5/20/2017 | $2,500,000 |
| Marine Sciences | O'Donnell, James | CT Department of Transportation | Physical Oceanography of Eastern Long Island Sound | 130103 | 11/9/2012 | 12/31/2016 | $1,466,913 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Marine Sciences | O'Donnell, James | DOC/National Oceanic and Atmospheric Administration | Enhancing Coastal Resilience in Connecticut | 140314 | 4/1/2014 | 3/31/2016 | $425,221 |
| Marine Sciences | O'Donnell, James | DOC/National Oceanic and Atmospheric Administration/Northeastern Regional Association of Coastal Ocean Observing Systems | Disaster Relief and Mitigation for the Northeastern Regional Association of Coastal Ocean Observing Systems (NERACOOS) | 140217 | 2/1/2014 | 1/31/2016 | $50,012 |
| Marine Sciences | O'Donnell, James | DOC/National Oceanic and Atmospheric Administration/Rutgers - State University of New Jersey | Repair and Hardening of Mid Atlantic Ocean Observing Assets After Hurricane Sandy | 140215 | 12/1/2013 | 11/30/2015 | $401,714 |
| Marine Sciences | O'Donnell, James | DOC/NOAA/National Ocean Service/Northeastern Regional Association of Coastal Ocean Observing Systems | Continued Development of the Northeastern Regional Association of Coastal Ocean Observing Systems | 110315 | 6/1/2011 | 5/31/2016 | $1,363,177 |
| Marine Sciences | O'Donnell, James | DOC/NOAA/National Ocean Service/Rutgers - State University of New Jersey | 2010 MARCOOS - Mid Atlantic Regional Association Coastal Ocean Observing System | 110313 | 6/1/2011 | 5/31/2016 | $425,254 |
| Marine Sciences | O'Donnell, James | EPA/Environmental Protection Agency | Water Quality Monitoring Enhancements to Support the Hypoxia Management in Long Island Sound | 121278 | 10/1/2012 | 9/30/2015 | $429,143 |
| Marine Sciences | O'Donnell, James | EPA/Environmental Protection Agency/New England Interstate Water Pollution Control Com | The Development of a Community Model of Nutrient Transport and Cycling for Long Island Sound | 120096 | 11/21/2011 | 9/15/2014 | $270,000 |
| Marine Sciences | O'Donnell, James | USDA/Natural Resources Conservation Service/CT Department of Energy and Environmental Protection | Creation of the Connecticut Institute for Resilience and Climate Adaptation | 150175 | 5/21/2014 | 5/20/2017 | $49,000 |
| Marine Sciences | Shumway, Sandra | DOC/National Oceanic and Atmospheric Administration | Harmful Algal Blooms: A Compendium Desk Reference | 140171 | 6/1/2014 | 5/31/2016 | $217,865 |
| Marine Sciences | Shumway, Sandra | DOC/NOAA/Oceanic and Atmospheric Research/Stony Brook University | Assessing Bloom Dynamics of the Toxic Dinoflagellate, Cochliodinium Polykrikoides and Impacts on Fisheries: Are There Mitigation Options? | 131271 | 2/1/2014 | 1/31/2016 | $53,500 |
| Marine Sciences | Shumway, Sandra | NSF/BIO/Directorate for Biological Sciences | Collaborative Research: Phenotypic Plasticity in Feeding: Ontogenetic Solutions to Scaling Limitations | 090600 | 9/15/2009 | 8/31/2013 | $313,029 |
| Marine Sciences | Skoog, Annelie | NSF/GEO/Directorate for Geosciences | A New Method for Rapid and High Sensitivity Determinations of Low-molecular-weight Organic Acids in Seawater | 100904 | 10/1/2010 | 9/30/2013 | $354,375 |
| Marine Sciences | Tobias, Craig R | DOD/Army/Corps of Engineers/RTI International | Carbon Exchanges and Source Attributions in the New River Estuary, NC | 131120 | 2/1/2013 | 10/31/2017 | $304,415 |
| Marine Sciences | Tobias, Craig R | DOD/Department of Defense | Tracking the Uptake, Translocation, Cycling and Metabolism of Munitions Compounds in Coastal Marine Ecosystems Using Stable Isotopic Tracer | 101000 | 5/19/2011 | 5/19/2016 | $2,245,746 |
| Marine Sciences | Tobias, Craig R | EPA/Long Island Sound Office | Nitrogen Removal Capacity of Connecticut Estuaries: Assessing Distribution and Controls | 110261 | 3/1/2011 | 5/1/2014 | $37,999 |
| Marine Sciences | Tobias, Craig R | NSF/BIO/Directorate for Biological Sciences | Collaborative Research: Impact of Sea Level Rise on Sedimentary Nitrogen Removal Processes in Tidal Freshwater Ecosystem | 100725 | 10/1/2010 | 9/30/2015 | $314,512 |
| Marine Sciences | Tobias, Craig R | NSF/GEO/Directorate for Geosciences | Collaborative Research: Linking Hydrogeomorphology and Denitrification in the Tidal Freshwater Region of Coastal Streams | 100017 | 1/15/2010 | 8/31/2013 | $80,372 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Marine Sciences | Tobias, Craig R | NSF/GEO/Directorate for Geosciences | Collaborative Research: Anammox in a Shallow Coastal Aquifer - Combining in situ Stable Isotope and Molecular Approaches to Examine Controls on Rates and Communities | 100758 | 10/1/2010 | 9/30/2015 | $432,489 |
| Marine Sciences | Tobias, Craig R | NSF/GEO/Directorate for Geosciences | Collaborative Research: Microbial Regulation of Greenhouse Gas N2) Emission from Intertidal oyster Reefs | 120835 | 9/1/2012 | 8/31/2015 | $225,818 |
| Marine Sciences | Tobias, Craig R | USDA/Department of Agriculture/College of William and Mary | Unveiling Fungal Contributions to Soil Nitrogen Cycling for Agroecosystems Applying Organic and Inorganic Fertilizers | 130933 | 12/15/2013 | 12/14/2016 | $75,000 |
| Marine Sciences | Vaudrey, Jamie | DOC/NOAA/National Ocean Service/University of Rhode Island | Observations and Modeling of Narragansett Bay Hypoxia and its Response to Nutrient Management | 100414 | 9/1/2011 | 8/31/2015 | $108,381 |
| Marine Sciences | Vaudrey, Jamie | Dominion Nuclear Company | Analysis of Niantic River Water and Macrophyte Samples | 131004 | 2/25/2013 | 2/24/2014 | $32,242 |
| Marine Sciences | Vaudrey, Jamie | Dominion Nuclear Company | Analysis of Niantic River Water and Macrophyte Samples | 141482 | 6/10/2014 | 6/9/2015 | $28,050 |
| Marine Sciences | Vaudrey, Jamie | EPA/Environmental Protection Agency/Cornell University | Development and Application of a Long Island Sound GIS-Based Eelgrass Habitat Suitability Index Model | 101024 | 3/1/2011 | 8/31/2013 | $40,652 |
| Marine Sciences | Vaudrey, Jamie | EPA/Long Island Sound Office | Comparative Analysis of Eutrophic Condition and Habitat Status in CT and NY Embayments of Long Island Sound | 110268 | 3/1/2011 | 5/1/2014 | $199,998 |
| Marine Sciences | Visscher, Pieter | NASA/National Aeronautics & Space Administration/University of Florida | The Metatranscriptome and Biogeochemistry of Marine Thrombolitic Microbial Mats: Pathways to Biosignatures | 110402 | 1/17/2012 | 1/16/2016 | $309,235 |
| Marine Sciences | Visscher, Pieter | NSF/GEO/Directorate for Geosciences | Formation and Early Diagenesis of Carbonate Deposits: The Role of Microbes and Extracellular Organic Matter (EOM) | 101404 | 10/1/2011 | 9/30/2015 | $302,180 |
| Marine Sciences | Vlahos, Epapante | Moore (Gordon and Betty) Foundation/Washington State University | Development of an In Situ Aquatic Sampler for Sulfates: Phase 1<br><br>Cracking the Sulfur Cycle with Novel Cell-And Metabolite-Specific Stable Isotope Approaches | 131434 | 5/1/2013 | 9/30/2015 | $128,378 |
| Marine Sciences | Vlahos, Epapante | NSF/National Science Foundation | Collaborative Research: Spray-Mediated Gas Fluxes Across the Air-Sea Interface | 140128 | 6/1/2014 | 5/31/2016 | $149,042 |
| Marine Sciences | Ward, J E | DOC/National Oceanic and Atmospheric Administration | Emerging Contaminants in Long Island Sound: Effects of Nanoparticles on Suspensions-Feeding Bivalve Molluscs | 111237 | 2/1/2012 | 1/31/2014 | $136,680 |
| Marine Sciences | Ward, J E | NSF/BIO/Directorate for Biological Sciences | Collaborative Research: Microscopic Islands: Modeling the Theory of Island Biogeography for Aquatic Pathogens Colonizing Marine Aggregates | 090516 | 9/1/2009 | 8/31/2014 | $624,146 |
| Marine Sciences | Ward, J E | NSF/BIO/Directorate for Biological Sciences | Collaborative Research: Elucidating the Factors Mediating the Particle-Selection Process in Suspension-Feeding Molluscs: A Functional and Comparative Approach | 120022 | 5/15/2012 | 4/30/2015 | $447,007 |
| Marine Sciences | Ward, J E | NSF/ENG/Directorate for Engineering | Assessing the Photocatalytic Effects of Metal-oxide Nanoparticles on Marine Organisms Under Environmentally-relevant Light Regimes | 130931 | 8/1/2013 | 7/31/2016 | $321,000 |
| Marine Sciences | Ward, J E | NSF/National Science Foundation/University of Maine, Machias | Shellfish Mariculture in Downeast Maine: Building Innovation Capacity to Diversity Economic Opportunities | 150003 | 7/15/2014 | 6/30/2015 | $25,582 |
| Marine Sciences | Whitney, Michael | DOC/National Oceanic and Atmospheric Administration | Measuring and Predicting the Fate and Transport of PerFluorinated Contaminants Entering the Long Island Sound from Municipal Wastewater in the Housatonic Watershed | 111224 | 2/1/2012 | 1/31/2014 | $129,410 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Marine Sciences | Whitney, Michael | DOE/Department of Energy | Collaborative Project: Improving the Representation of Coastal and Estuarine Processes in Earth System Models | 110988 | 9/15/2011 | 9/14/2015 | $367,324 |
| Marine Sciences | Whitney, Michael | NASA/National Aeronautics & Space Administration | Sea Breezes and Estuary-Shelf Response in Areas with Spatial Sea Surface Temperature Variability and Complex Coastal Geometry | 111299 | 1/10/2013 | 1/9/2016 | $432,610 |
| Marine Sciences | Whitney, Michael | NSF/GEO/Directorate for Geosciences | CAREER: The Influence of Distributed River Inputs and Embayments on Dynamics in Large Estuaries | 100080 | 6/15/2010 | 5/31/2015 | $599,786 |
| Marine Sciences | Whitney, Michael | NSF/GEO/Directorate for Geosciences | Collaborative Research: Investigating Tidal Influences on Subtidal Estuary-Coast Exchange Using Observations and Numerical Simulations | 080737 | 9/1/2008 | 8/31/2013 | $345,545 |
| Marketing | Lurie, Nicholas | Marketing Science Institute | Going Mobile: The Characteristics and Influence of Mobile Word of Mouth | 130753 | 6/30/2013 | 9/30/2014 | $11,800 |
| Marketing | Pancras, Joseph | Marketing Science Institute | Returns from Customizing Mobile Loyalty Programs: Spatial and Temporal Aspects | 140055 | 8/6/2013 | 1/31/2015 | $10,000 |
| Materials Science and Engineering | Aindow, Mark | NSF/ENG/Directorate for Engineering | GOALI: Oxide Scale Development in Coated High-Temperature Alloys for Solid-Oxide Fuel Cell Interconnects | 110306 | 6/1/2011 | 5/31/2015 | $310,274 |
| Materials Science and Engineering | Aindow, Mark | U.S. Chrome Corporation | Processing/Microstructure/Property Relationships in Electroplated Cobalt-Phosphorus Hard Coatings | 130204 | 1/1/2013 | 2/15/2015 | $154,348 |
| Materials Science and Engineering | Alpay, Pamir | DOD/Army/Structured Materials Industries, Inc. | Materials Characterization of Complex Oxide Films for Acoustic Resonators | 130137 | 2/1/2013 | 3/31/2015 | $119,998 |
| Materials Science and Engineering | Alpay, Pamir | GE Power Systems | Metals and Alloys for Electrical Circuit Breaker Contacts | 130477 | 1/1/2013 | 12/31/2014 | $630,253 |
| Materials Science and Engineering | Carter, C B | ED/Office of Postsecondary Education | Graduate Assistance in Areas of National Need: Nanostructures and Devices for Energy Production and Storage | 120687 | 8/16/2012 | 8/15/2015 | $408,315 |
| Materials Science and Engineering | Carter, C B | Sandia National Lab | Analysis of Dislocations in BCC Metals | 140553 | 12/10/2013 | 9/15/2014 | $20,000 |
| Materials Science and Engineering | Carter, C B | Sandia National Lab | Analysis of Dislocations in BCC Metals | 130897 | 2/8/2013 | 9/15/2013 | $0 |
| Materials Science and Engineering | Gao, Puxian | DOE/National Energy Technology Laboratory | TA[A] Metal Oxide/Nitride Heterostructured Nanowire Arrays for Ultra-Sensitive and Selective Multi-mode High Temperature Gas Detection | 130882 | 7/18/2013 | 6/30/2016 | $300,000 |
| Materials Science and Engineering | Gao, Puxian | NSF/ENG/Directorate for Engineering | SNM: Scalable and Sustainable Hydrothermal Manufacturing of Nano-array based Low Temperature Diesel Oxidation Catalysts | 131323 | 10/1/2013 | 9/30/2017 | $1,450,199 |
| Materials Science and Engineering | Hebert, Rainer J | National Additive Manufacturing Innovation Institute/Optomec | Laser Powder Feed Directed Energy Deposition Additive Manufacturing Development | 141188 | 7/2/2014 | 8/31/2016 | $34,694 |
| Materials Science and Engineering | Huey, Bryan | DOE/Department of Energy | Switching in Solid State Memories Via Nucleation and Growth Mechanisms: Cause and Effect at the nanometer and Nanosecond Scale | 101015 | 8/15/2010 | 5/14/2015 | $560,000 |
| Materials Science and Engineering | Huey, Bryan | Schick | Atomic Force Microscope and Analysis of Blades | 110996 | 4/15/2011 | 12/31/2013 | $41,775 |
| Materials Science and Engineering | Mahapatra, Manoj K | CT Department of Energy and Environmental Protection/Fraunhofer | Advanced Glass Seals for High Temperature Stationary Batteries | 140266-1 | 10/1/2013 | 12/31/2014 | $75,000 |
| Materials Science and Engineering | Mahapatra, Manoj K | Fraunhofer | Advanced Glass Seals for High Temperature Stationary Batteries | 140266 | 10/1/2013 | 12/31/2014 | $75,000 |
| Materials Science and Engineering | Nakhmanson, Serge M | DOE/Argonne National Laboratory | Mesoscale Modeling of Coupled Phenomena in Thin Ferroic Films | 141469 | 5/15/2014 | 8/24/2014 | $18,569 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Materials Science and Engineering | Nakhmanson, Serge M | NSF/MPS/Directorate for Mathematics and Physical Sciences | Computational Design and Atomic Layer Deposition Synthesis of Stereochemically Active Multifunctional Oxide Nanostructures | 130417 | 9/1/2013 | 8/31/2016 | $250,000 |
| Materials Science and Engineering | Ramprasad, Ramamurthy | DOD/Navy/Office of Naval Research | MURI - Rational Design of Advanced Polymeric Capacitor Films | 100906 | 8/15/2010 | 8/23/2016 | $7,317,185 |
| Materials Science and Engineering | Ramprasad, Ramamurthy | DOD/Navy/Office of Naval Research | Accelerating Density Functional Theory Simulations Via Machine Learning | 140486 | 12/1/2013 | 11/30/2016 | $300,000 |
| Materials Science and Engineering | Ramprasad, Ramamurthy | EPA/Environmental Protection Agency | Computational and Experimental Investigation of Catalyst Deactivation to Design Sulfur-Resistant Emissions Oxidation Catalysts | 130191 | 8/20/2012 | 8/22/2015 | $51,000 |
| Materials Science and Engineering | Ramprasad, Ramamurthy | NSF/ENG/Directorate for Engineering | Collaborative Research: MOSFETs with Atomically Engineered Metal/High-K Interfaces | 100324 | 9/15/2010 | 8/31/2014 | $180,000 |
| Materials Science and Engineering | Ramprasad, Ramamurthy | NSF/ENG/Directorate for Engineering | EAGER: Accelerating Catalyst Discovery using Systematic First Principles Chemical Space Explorations | 130991 | 8/23/2013 | 8/31/2014 | $60,000 |
| Materials Science and Engineering | Singh, Prabhakar | Ceres Power | Evaluate Ceres Power 10 Layer SOFC Stacks | 140329 | 10/1/2013 | 6/30/2014 | $80,000 |
| Materials Science and Engineering | Singh, Prabhakar | Connecticut Innovations, Inc/Advanced Fuel Research | Trace-Contaminant Sorbent for Life Support | 140211 | 9/4/2013 | 11/23/2013 | $10,000 |
| Materials Science and Engineering | Singh, Prabhakar | CT Department of Energy and Environmental Protection | Fraunhofer Center for Energy Innovation (CEI) | 140152 | 7/25/2013 | 6/30/2017 | $2,400,000 |
| Materials Science and Engineering | Singh, Prabhakar | DOE/Department of Energy | Improving Reliability and Durability of Efficient and Clean Energy Systems | 101100 | 8/1/2010 | 10/31/2013 | $2,500,000 |
| Materials Science and Engineering | Singh, Prabhakar | DOE/Department of Energy/DOE/National Energy Technology Laboratory | Study of the Durability of Doped Lanthanum Manganite and Cobaltite Based Cathode Materials under "Real World" Air Exposure Atmospheres | 121090 | 10/1/2012 | 11/30/2014 | $564,889 |
| Materials Science and Engineering | Singh, Prabhakar | DOE/Department of Energy/Praxair | Development of OTM Electrode Degradation Mechanism | 121168 | 6/1/2012 | 9/30/2015 | $331,566 |
| Materials Science and Engineering | Singh, Prabhakar | DOE/Department of Energy/Rolls Royce, Inc | Metals Program in Support of Stack Block Durability Testing | 091277 | 11/1/2009 | 1/31/2014 | $478,725 |
| Materials Science and Engineering | Singh, Prabhakar | DOE/Pacific Northwest National Laboratory/Battelle Memorial Institute | Long Term Materials and Electrochemical Testing | 111182 | 7/1/2011 | 9/30/2013 | $271,765 |
| Materials Science and Engineering | Singh, Prabhakar | Fuelcell Energy, Inc | Understanding Life Impacts of Electrolyte Distribution and Cell Material Stability in Carbonate Fuel Cell | 130971 | 2/11/2013 | 9/30/2013 | $78,000 |
| Materials Science and Engineering | Singh, Prabhakar | NASA/National Aeronautics & Space Administration | Evaluation of the Performance of NASA's SOFC-LTA on Methane as Fuel | 120107 | 7/6/2011 | 12/31/2013 | $92,000 |
| Materials Science and Engineering | Singh, Prabhakar | Praxair | Chromium Evaporation and Corrosion of Alloys Under OTM Operating Conditions | 141130 | 4/1/2014 | 9/30/2014 | $13,000 |
| Mathematics | Bass, Richard | DOD/National Security Agency | Stochastic Differential Equations | 130330 | 5/1/2014 | 4/30/2015 | $55,430 |
| Mathematics | Bass, Richard | NSF/MPS/Directorate for Mathematics and Physical Sciences | Stochastic Differential Equations: Potential Theory and Uniqueness | 090339 | 8/1/2009 | 9/30/2013 | $359,997 |
| Mathematics | Ben-Ari, Iddo | National Security Agency | Problems in Analysis of Jump-Diffusions | 110385 | 2/23/2012 | 8/22/2014 | $39,996 |
| Mathematics | Ben-Ari, Iddo | Simons Foundation | Analysis of Markov Processes | 130843 | 9/1/2013 | 8/31/2018 | $35,000 |
| Mathematics | Dzhafarov, Damir | NSF/MPS/Directorate for Mathematics and Physical Sciences | Post Doctoral Research Fellowship | 140600 | 8/23/2013 | 6/30/2015 | $1,667 |
| Mathematics | Gordina, Maria | NSF/MPS/Directorate for Mathematics and Physical Sciences | Stochastic Analysis and Related Topics | 140392 | 5/15/2014 | 5/31/2017 | $288,000 |
| Mathematics | Gordina, Maria | NSF/MPS/Directorate for Mathematics and Physical Sciences | Stochastic Analysis and Related Topics | 100401 | 5/15/2010 | 6/30/2015 | $240,000 |
| Mathematics | Gui, Changfeng | NSF/National Science Foundation | IPA Assignment: C. Gui | 131295 | 8/26/2013 | 8/25/2015 | $427,486 |

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|---|---|---|---|---|---|---|---|
| Mathematics | Gui, Changfeng | Simons Foundation | Solutions to the Scalar and Vector Valued Allen-Cahn Equations | 110597 | 7/1/2011 | 8/31/2016 | $35,000 |
| Mathematics | Hering, Milena S | NSF/MPS/Directorate for Mathematics and Physical Sciences | Varieties with Torus Actions: Algebra and Combinatorics | 100387 | 6/1/2010 | 8/31/2013 | $137,000 |
| Mathematics | Huang, Lan-Hsuan | NSF/MPS/Directorate for Mathematics and Physical Sciences | Geometric Problems in General Relativity | 130332 | 7/1/2012 | 8/31/2013 | $41,900 |
| Mathematics | Huang, Lan-Hsuan | NSF/MPS/Directorate for Mathematics and Physical Sciences | Geometric Partial Differential Equations in General Relativity | 130500 | 9/1/2013 | 8/31/2016 | $282,249 |
| Mathematics | Lee, Kyu-Hwan | NSF/MPS/Directorate for Mathematics and Physical Sciences | Conference on Representation Theory and Related Topics | 140319 | 6/1/2014 | 5/31/2015 | $40,000 |
| Mathematics | Leykekhman, Dmitriy | NSF/MPS/Directorate for Mathematics and Physical Sciences | Local Properties of the Finite Element Solutions to PDE Constrained Optimal Control Problems | 110591 | 10/1/2011 | 9/30/2014 | $126,383 |
| Mathematics | McKenna, Patrick J | NSF/MPS/Directorate for Mathematics and Physical Sciences | Conference in Analysis and Partial Differential Equations | 130750 | 6/1/2013 | 5/31/2014 | $49,857 |
| Mathematics | Munteanu, Ovidiu | NSF/MPS/Directorate for Mathematics and Physical Sciences | Ricci Curvature and the Structure of Manifolds | 121302 | 7/1/2012 | 6/30/2014 | $44,666 |
| Mathematics | Rogers, Luke | NSF/MPS/Directorate for Mathematics and Physical Sciences | REU Site: Mathematics REU at UConn | 130211 | 6/15/2013 | 5/31/2016 | $324,000 |
| Mathematics | Schiffler, Ralf | NSF/MPS/Directorate for Mathematics and Physical Sciences | Wall-Crossing, Stability Conditions and Mirror Symmetry | 110327 | 9/1/2011 | 8/31/2015 | $126,000 |
| Mathematics | Schiffler, Ralf | NSF/MPS/Directorate for Mathematics and Physical Sciences | CAREER: Cluster Algebra, Combinatorics and Representation Theory | 130032 | 7/1/2013 | 6/30/2018 | $400,000 |
| Mathematics | Teplyaev, Alexander | NSF/MPS/Directorate for Mathematics and Physical Sciences | Random, Stochastic, and Self-similar Equations | 110460 | 8/23/2011 | 8/31/2015 | $355,173 |
| Mathematics | Weyman, Jerzy M | NSF/MPS/Directorate for Mathematics and Physical Sciences | Free Resolutions and Representation Theory | 140246 | 7/1/2014 | 6/30/2017 | $288,666 |
| Mathematics | Xiao, Liang | Simons Foundation | Special Fibers of Shimura Varieties and Tate Conjecture | 150349 | 6/30/2014 | 8/31/2018 | $29,344 |
| Mechanical Engineering | Cao, Chengyu | DOD/Air Force | Adaptation in Multi-Satellite Constellation Cooperation | 130794 | 4/26/2013 | 4/17/2014 | $30,000 |
| Mechanical Engineering | Cao, Chengyu | Hebei Automation Technology Development | Optimal Control of Multiple Systems | 130994 | 4/1/2013 | 4/1/2016 | $38,000 |
| Mechanical Engineering | Cao, Chengyu | NASA/National Aeronautics & Space Administration/University of Illinois | Prevention of Loss of Control through Adaptive Reconfiguration | 121059 | 11/1/2012 | 10/31/2015 | $359,713 |
| Mechanical Engineering | Cao, Chengyu | NSF/CISE/Directorate for Computer and Information Sciences and Engineering | NRI-Small: Cooperative Underwater Robotic Networks for Discovery & Rescue | 120443 | 9/1/2012 | 8/31/2016 | $1,210,000 |
| Mechanical Engineering | Cao, Chengyu | United Technologies-Aerospace Systems | Adaptive Control for Air Management Systems | 111016 | 1/1/2011 | 12/31/2013 | $181,802 |
| Mechanical Engineering | Cao, Chengyu | United Technologies-Aerospace Systems | Adaptive Controls for Air Management Systems | 130909 | 1/1/2013 | 12/31/2014 | $52,124 |
| Mechanical Engineering | Cao, Chengyu | United Technologies-Corporate Headquarters | Advanced Adaptive Control for Unintended System Behavior | 140619 | 1/2/2014 | 12/31/2014 | $72,425 |
| Mechanical Engineering | Cao, Chengyu | United Technologies-Pratt & Whitney | Performance Seeking Control of Turbofan Engines | 130728 | 1/1/2013 | 12/31/2013 | $68,000 |
| Mechanical Engineering | Cao, Chengyu | United Technologies-Pratt & Whitney | Performance Seeking Control of Turbo-Fan Engines | 140876 | 1/1/2014 | 12/31/2014 | $62,800 |
| Mechanical Engineering | Cassenti, Brice N | United Technologies-Pratt & Whitney | Phase Field Modeling of Single Crystal Materials Failure: Theory | 130831 | 1/1/2013 | 12/31/2013 | $35,000 |
| Mechanical Engineering | Cassenti, Brice N | United Technologies-Pratt & Whitney | Phase Field Modeling of Single Crystal Materials Failure - II | 140503 | 1/2/2014 | 12/31/2014 | $64,053 |
| Mechanical Engineering | Cassenti, Brice N | United Technologies-Pratt & Whitney | Phase Field Modeling of Single Crystal Materials Failure: Computational | 130832 | 1/1/2013 | 12/31/2013 | $30,000 |
| Mechanical Engineering | Cetegen, Baki | DOD/DARPA/HyPerComp | Modeling and Optimizing Turbines for Unsteady Flow | 140182 | 7/1/2013 | 7/10/2016 | $294,770 |
| Mechanical Engineering | Cetegen, Baki | Mixed Sources | Senior Design Projects | 000764 | 8/1/1995 | 12/31/2014 | $1,823,564 |

# Academic Year 2013-2014 Active Research Projects

| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Mechanical Engineering | Cetegen, Baki | Mixed Sources | Senior Design Project | 130186 | 7/1/2012 | 12/31/2015 | $773,121 |
| Mechanical Engineering | Cetegen, Baki | NASA/National Aeronautics & Space Administration/United Technologies-Pratt & Whitney | Flame Stabilization for Reacting Jets in Crossflow | 140655 | 1/1/2014 | 12/31/2014 | $53,000 |
| Mechanical Engineering | Cetegen, Baki | United Technologies-Pratt & Whitney | Experimental Study of Unit Combustor Concepts | 140656 | 1/1/2014 | 12/31/2014 | $56,999 |
| Mechanical Engineering | Chiu, Wilson K | DOD/Army Research Laboratory | Carbonate and Hydroxide Ion Transport in Alkaline Anion Exchange Materials | 121340 | 6/23/2014 | 11/22/2015 | $359,997 |
| Mechanical Engineering | Chiu, Wilson K | DOE/Department of Energy/University of South Carolina | Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems | 090206 | 8/1/2009 | 7/31/2015 | $963,314 |
| Mechanical Engineering | Chiu, Wilson K | NSF/ENG/Directorate for Engineering | In-Situ Imaging and Analysis of Solid Oxide Fuel Cell Anodes during Degradation | 110901 | 10/1/2011 | 9/30/2015 | $302,489 |
| Mechanical Engineering | Faghri, Amir | Boeing Company | Fuel Cell Heat Transmission and Storage Project | 110906 | 2/25/2011 | 8/31/2013 | $270,000 |
| Mechanical Engineering | Faghri, Amir | DOE/Sandia National Laboratories | Dish Stirling High Performance Thermal Storage | 130177 | 10/16/2012 | 1/7/2014 | $300,000 |
| Mechanical Engineering | Faghri, Amir | NSF/ENG/Directorate for Engineering | Collaborative Research: Exploring the Feasibility of a Novel Thermosyphon/Heat Pipe Heat Exchanger with Low Air-Side Thermal Resistance | 140980 | 5/1/2014 | 4/30/2016 | $150,000 |
| Mechanical Engineering | Faghri, Amir | NSF/ENG/Directorate for Engineering | EAGER: An Innovative High Specific Energy Li-Air Battery | 131214 | 8/1/2013 | 7/31/2015 | $102,178 |
| Mechanical Engineering | Fan, Tai-Hsi | American Chemical Society/Petroleum Research Fund | Multiphase Flow Dynamics and Evaporation Kinetics of Energetic Nanofuels | 120937 | 9/1/2013 | 8/31/2015 | $100,000 |
| Mechanical Engineering | Fan, Tai-Hsi | NSF/ENG/Directorate for Engineering | CAREER: The Role of Mobility in Antibody Aggregation | 100060 | 2/1/2010 | 1/31/2016 | $400,000 |
| Mechanical Engineering | Fan, Tai-Hsi | United Technologies-Aerospace Systems | Cavitation Modeling | 130979 | 3/1/2013 | 12/31/2014 | $73,809 |
| Mechanical Engineering | Gao, Robert X | Canrig Drilling Technologies | Advanced Sensing and Signal Processing for Diagnosis and Prognosis of Drilling Equipment | 121285 | 4/1/2013 | 3/31/2014 | $109,342 |
| Mechanical Engineering | Gao, Robert X | NSF/ENG/Directorate for Engineering | Collaborative Research: Multi-Variate Remote Process Sensing for Improved Observability in Injection Molding | 100353 | 9/1/2010 | 8/31/2014 | $362,779 |
| Mechanical Engineering | Gao, Robert X | NSF/ENG/Directorate for Engineering | Collaborative Research/GOALI: Improved Spare Parts Inventory Management in Aircraft Engines through Hybrid Sensing | 130328 | 6/1/2013 | 5/31/2016 | $150,000 |
| Mechanical Engineering | Gao, Robert X | NSF/ENG/Directorate for Engineering | CPS: Synergy: Collaborative Research: A Cyber-Physical Infrastructure for the "Smart City" | 120927 | 10/1/2012 | 9/30/2015 | $150,000 |
| Mechanical Engineering | Gao, Robert X | NSF/ENG/Directorate for Engineering | GOALI/Collaborative Research: Electrically-Enhanced Precision MicroRolling | 110295 | 4/1/2011 | 3/31/2016 | $268,022 |
| Mechanical Engineering | Gao, Robert X | United Technologies-Aerospace Systems | Complex Housing Optimization | 130950 | 4/1/2013 | 12/31/2013 | $76,639 |
| Mechanical Engineering | Gao, Robert X | United Technologies-Aerospace Systems | Complex Housing Optimization | 140912 | 4/16/2014 | 12/31/2014 | $75,664 |
| Mechanical Engineering | Gao, Robert X | United Technologies-Pratt & Whitney | Advanced NSMS Signal Processing | 120439 | 10/1/2011 | 12/31/2014 | $217,695 |
| Mechanical Engineering | Gao, Robert X | United Technologies-Pratt & Whitney | Enhanced Electrical Capacitance Tomography for Combustion Visualization | 130659 | 1/1/2013 | 12/31/2013 | $75,000 |
| Mechanical Engineering | Gao, Robert X | University of CT Health Center | Translating Gait Velocity Measurements into Real World Clinical Settings | 140834 | 12/1/2013 | 12/31/2014 | $25,941 |
| Mechanical Engineering | Huang, Hanchen | DOE/Department of Energy | Control of New Kinetic Barriers and Design of Nanorods | 090592 | 4/1/2009 | 3/31/2014 | $1,020,000 |
| Mechanical Engineering | Huang, Hanchen | Nuclear Regulatory Commission (NRC)/University of Hartford | Nuclear Fellowship Program Applied Research in Radiation Damage and Mitigation | 110126 | 4/1/2012 | 3/31/2016 | $185,772 |
| Mechanical Engineering | Ilies, Horea T | NSF/ENG/Directorate for Engineering | Medial Zones: Foundations and Engineering Applications | 120287 | 9/1/2012 | 8/31/2015 | $375,000 |
| Mechanical Engineering | Ilies, Horea T | NSF/ENG/Directorate for Engineering | CAREER: Geometric Singularities in Engineering Design and Manufacturing: A Generic Spacetime Approach | 070036 | 8/1/2007 | 9/30/2013 | $406,000 |
| Mechanical Engineering | Ilies, Horea T | NSF/MPS/Directorate for Mathematics and Physical Sciences | MRI: Development of a Gesture-Based Virtual Reality System for Research in Virtual Worlds | 090701 | 7/15/2009 | 6/30/2015 | $932,000 |

# Academic Year 2013-2014 Active Research Projects

| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Mechanical Engineering | Jordan, Eric H | DOD/Air Force Office of Scientific Research/Ohio Aerospace Institute | Deposition of Thermographic Thermal Barrier Coatings | 091197 | 12/1/2009 | 3/6/2014 | $28,115 |
| Mechanical Engineering | Jordan, Eric H | DOD/Air Force/MetroLaser | Production of Thermographic Coatings for Turbine Parts | 131429 | 4/23/2014 | 4/30/2015 | $11,286 |
| Mechanical Engineering | Jordan, Eric H | DOD/Army/Amastan, LLC | CMAS and High Temperature Resistant LaMgAl11O19 TBC Coating Using a Microwave Based Uniform-Melt-State Plasma Process (UMSP) | 130711 | 7/1/2013 | 11/15/2013 | $30,000 |
| Mechanical Engineering | Jordan, Eric H | DOE/National Energy Technology Laboratory | Low Thermal Conductivity, High Durability Thermal Barrier Coatings for IGCC Environments | 111030 | 10/1/2011 | 1/15/2015 | $498,886 |
| Mechanical Engineering | Jordan, Eric H | NASA/National Aeronautics & Space Administration | Thermographic Coating of a Turbine Blade | 140160 | 12/1/2013 | 10/31/2014 | $5,922 |
| Mechanical Engineering | Jordan, Eric H | NSF/National Science Foundation/Clemson University | Thermal Barrier Coatings for the LTC Engine - Heat Loss, Combustion, Thermal vs. Catalytic Mechanisms, Emissions, and Waste Heat Recovery | 130131 | 9/15/2013 | 7/31/2016 | $209,999 |
| Mechanical Engineering | Jordan, Eric H | United Technologies-Aerospace Systems | Composite Technologies | 130934 | 1/1/2013 | 8/31/2014 | $72,500 |
| Mechanical Engineering | Jordan, Eric H | United Technologies-Pratt & Whitney | CMAS Effects on TBCs | 140784 | 1/28/2014 | 12/31/2014 | $65,000 |
| Mechanical Engineering | Jordan, Eric H | United Technologies-Pratt & Whitney | Life Predictions for EB=PVD TBCs | 130629 | 1/1/2013 | 12/31/2013 | $65,000 |
| Mechanical Engineering | Jordan, Eric H | United Technologies-Pratt & Whitney | CMAS Effects on TBCs | 130542 | 1/1/2013 | 12/31/2013 | $70,000 |
| Mechanical Engineering | Ladani, Leila | NSF/ENG/Directorate for Engineering | GOALI: Size and Anisotropy Effects in Micro/Nano-Bonds with Comparable Grain and Bond Sizes | 140237 | 8/22/2013 | 5/31/2016 | $209,619 |
| Mechanical Engineering | Ladani, Leila | NSF/ENG/Directorate for Engineering | A Novel CU/CNT Material System for Through Silicon Via Interconnects | 140617 | 8/22/2013 | 8/31/2015 | $329,941 |
| Mechanical Engineering | Lu, Tianfeng | DOD/Air Force Office of Scientific Research | Local Limit Phenomena, Flow Compression, and Fuel Cracking Effects in High-Speed Turbulent Flames | 130044 | 3/1/2013 | 2/28/2015 | $239,999 |
| Mechanical Engineering | Lu, Tianfeng | DOE/Department of Energy | Computational Flame Diagnostics for Direct Numerical Simulations with Detailed Chemistry of Transportation Fuels | 121151 | 9/1/2012 | 11/30/2015 | $450,000 |
| Mechanical Engineering | Lu, Tianfeng | King Abdullah University of Science and Technology (KAUST) | Development and Validation of Predictive Models for Turblent Sooting Flames | 120696 | 10/1/2012 | 9/30/2015 | $300,000 |
| Mechanical Engineering | Lu, Tianfeng | NSF/ENG/Directorate for Engineering | NSF/DOE Partnership on Advanced Combustion Engines: A Universal Combustion Model to Predict Premixed and Non-premixed Turbulent Combustion in Compression Ignition Engines with Limit Phenomena | 130105 | 9/15/2013 | 8/31/2016 | $800,000 |
| Mechanical Engineering | Lu, Tianfeng | NSF/OD | Collaborative Research: Petascale Computing, Visualization and Science Discovery of Turbulent Sooting Flames | 090408 | 9/1/2009 | 8/31/2013 | $262,437 |
| Mechanical Engineering | Lykotrafitis, George | American Heart Association | Identification of Adhesion Receptors Expressed on Red Blood Cells from Patients with Sickle Cell Disease | 120711 | 7/1/2012 | 6/30/2016 | $308,000 |
| Mechanical Engineering | Lykotrafitis, George | NSF/ENG/Directorate for Engineering | Nanomechanics of Erythrocyte Adhesion | 120827 | 9/1/2012 | 8/31/2015 | $400,000 |
| Mechanical Engineering | Lykotrafitis, George | NSF/ENG/Directorate for Engineering | CAREER: Agent-Based Modeling of Action Potential Initiation and Propagation in Unmyelinated Neurons | 140031 | 4/1/2014 | 3/31/2019 | $400,000 |
| Mechanical Engineering | Lykotrafitis, George | NSF/MPS/Directorate for Mathematics and Physical Sciences | Micromechanics of Red Blood Cells in Sickle Cell Disease | 120389 | 9/1/2012 | 8/31/2015 | $420,497 |
| Mechanical Engineering | Lykotrafitis, George | University of CT Health Center | Atomic Force Sensing of Single Nucleotide Polymorphisms in Sickle Cell Disease | 140545 | 12/1/2013 | 6/30/2015 | $9,978 |
| Mechanical Engineering | Lykotrafitis, George | University of CT Health Center | Atomic Force Microscopy Measures Erythrocyte-Endothelial Cell Interaction in Sickle Cell Disease | 131270 | 7/1/2013 | 6/30/2015 | $23,793 |
| Mechanical Engineering | Olgac, Nejat | American Society for Engineering Education/American Society of Mechanical Engineers (ASME) | Dynamic Systems and Control Conference 2013 | 120455 | 11/10/2011 | 1/31/2014 | $10,000 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Mechanical Engineering | Pasaogullari, Ugur | Connecticut Academy of Science and Engineering | Energy Efficiency and Reliability Solutions for Rail Operations/Facilities | 140311 | 10/25/2013 | 10/31/2014 | $49,541 |
| Mechanical Engineering | Pasaogullari, Ugur | CT Department of Energy and Environmental Protection/Fraunhofer | Wetting Angle | 140723-1 | 1/1/2014 | 12/31/2014 | $62,500 |
| Mechanical Engineering | Pasaogullari, Ugur | DOE/Department of Energy/Fuelcell Energy, Inc | Thermally Integrated Solid State Hydrogen Separator and Compressor Development Support | 130129 | 9/28/2012 | 9/28/2014 | $152,797 |
| Mechanical Engineering | Pasaogullari, Ugur | Fraunhofer | Wetting Angle | 140723 | 1/1/2014 | 12/31/2014 | $62,500 |
| Mechanical Engineering | Pasaogullari, Ugur | NASA/National Aeronautics & Space Administration/Sustainable Innovations | STTR Phase II: Hydrogen-Based Energy Conservation System | 130916 | 9/12/2013 | 9/11/2015 | $210,000 |
| Mechanical Engineering | Pasaogullari, Ugur | Nissan Motor Company, Ltd. | Impact of Material Properties on Water Management in PEFCs | 131002 | 4/1/2013 | 2/28/2014 | $20,009 |
| Mechanical Engineering | Pasaogullari, Ugur | Nissan Motor Company, Ltd. | Characterization of Material Properties on Water Mangement in PEFCs | 141132 | 3/1/2014 | 2/28/2015 | $19,995 |
| Mechanical Engineering | Pasaogullari, Ugur | NSF/ENG/Directorate for Engineering | CAREER: Role of Interfaces on Transport Phenomena in Polymer Electrolyte Fuel Cells | 080051 | 2/1/2008 | 1/31/2016 | $401,997 |
| Mechanical Engineering | Pasaogullari, Ugur | NSF/National Science Foundation/Sustainable Innovations | SBIR Phase II: Efficient Separation of Hydrogen from Reformate | 120737 | 9/15/2012 | 8/31/2014 | $49,968 |
| Mechanical Engineering | Pasaogullari, Ugur | United Technologies-Aerospace Systems | High Performance Heat Exchangers for Aerospace Applications | 120882 | 3/1/2012 | 5/31/2015 | $65,000 |
| Mechanical Engineering | Pasaogullari, Ugur | United Technologies-Aerospace Systems | High Performance Heat Exchangers | 130945 | 3/13/2013 | 5/31/2015 | $65,000 |
| Mechanical Engineering | Pasaogullari, Ugur | United Technologies-Aerospace Systems | Advanced HEX Development | 141146 | 5/23/2014 | 5/31/2015 | $40,000 |
| Mechanical Engineering | Ren, Zhuyin | ANSYS | Development of Combustion Models | 120470 | 6/20/2012 | 8/31/2013 | $60,000 |
| Mechanical Engineering | Renfro, Michael W | NASA/National Aeronautics & Space Administration/United Technologies-Pratt & Whitney | Experimental Study of Reacting Jets in Crossflow | 131169 | 6/1/2013 | 12/31/2013 | $64,280 |
| Mechanical Engineering | Renfro, Michael W | NSF/ENG/Directorate for Engineering | REU Site: Engineering Next Generation Energy Processes and Systems | 110175 | 3/1/2011 | 3/31/2015 | $299,242 |
| Mechanical Engineering | Renfro, Michael W | NSF/ENG/Directorate for Engineering | Experimental Study of Local Extinction in Laminar and Turbulent Flames | 130809 | 9/1/2013 | 8/31/2016 | $240,000 |
| Mechanical Engineering | Renfro, Michael W | NSF/National Science Foundation | Partially-Premixed Bluff-Body Flame Dynamics and Acoustic Coupling in Vitiated Flows | 100286 | 6/1/2010 | 5/31/2015 | $325,000 |
| Mechanical Engineering | Renfro, Michael W | Rolls Royce, Inc | Laser-Based Coating Removal | 141307 | 6/9/2014 | 12/20/2014 | $90,000 |
| Mechanical Engineering | Renfro, Michael W | Rolls Royce, Inc | Coating Removal Using Laser-Induced Breakdown Spectroscopy | 131406 | 5/23/2013 | 12/31/2013 | $65,000 |
| Mechanical Engineering | Renfro, Michael W | Rolls Royce, Inc | Feasibility Study for Laser-Based Coating | 120991 | 4/1/2012 | 12/31/2013 | $140,000 |
| Mechanical Engineering | Renfro, Michael W | Rolls Royce, Inc | Remaining Life Estimation for Contaminated Thermal Barrier Coatings | 140974 | 3/25/2014 | 12/31/2014 | $60,000 |
| Mechanical Engineering | Sung, Chih-Jen | China National Technical Import and Export Corporation | Fundamental Research on Advanced Gas Turbine Combustion Relevant Analysis | 141366 | 8/1/2014 | 7/31/2017 | $1,950,000 |
| Mechanical Engineering | Sung, Chih-Jen | DOE/Department of Energy/Princeton University | EFRC for Combustion Science - UCONN Component | 091226 | 8/1/2009 | 7/31/2015 | $1,335,901 |
| Mechanical Engineering | Sung, Chih-Jen | NSF/ENG/Directorate for Engineering | Autoignition Characteristics and Chemistry of Surrogate Diesel Fuels at Conditions Relevant to Advanced Engines | 140364 | 5/15/2014 | 4/30/2017 | $275,000 |
| Mechanical Engineering | Sung, Chih-Jen | NSF/ENG/Directorate for Engineering | Autoignition Chemistry of Gasoline Surrogates Relevant to HCCI Operating Conditions | 100107 | 9/1/2009 | 8/31/2013 | $299,999 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Mechanical Engineering | Tang, Jiong | DOD/Air Force/University of Michigan | Adaptive Piezoelectric Circuitry Sensor Network with High-Frequency Harmonics Interrogation for Structural Damage Detection | 101042 | 6/1/2011 | 5/31/2014 | $220,969 |
| Mechanical Engineering | Tang, Jiong | NSF/ENG/Directorate for Engineering | Collaborative Research: A New Paradigm of Probabilistic Structural Dynamic Analysis Using Order Reduction | 090767 | 9/1/2009 | 8/31/2014 | $200,000 |
| Mechanical Engineering | Tang, Jiong | NSF/ENG/Directorate for Engineering | Collaborative Research: Hybrid Control of Gear System Vibration with Time-Varying Dynamics via Piezo-Composite Array | 110827 | 9/1/2011 | 8/31/2015 | $188,279 |
| Mechanical Engineering | Tang, Jiong | NSF/ENG/Directorate for Engineering | GOALI: Collaborative Research: A System-level Framework for Operation and Maintenance: Synergizing Near and Long Term Cares for Wind Turbines | 130302 | 9/1/2013 | 8/31/2016 | $198,455 |
| Mechanical Engineering | Tang, Jiong | NSF/ENG/Directorate for Engineering | GOALI/Collaborative Research: Understanding and Controlling Variation Propagation in Periodic Structures: From Geometry to Dynamic Response | 090283 | 6/1/2009 | 5/31/2014 | $143,333 |
| Mechanical Engineering | Tang, Jiong | Stanley Tools, Inc | Dynamic Computer Simulation Program | 131245 | 6/11/2013 | 8/30/2015 | $277,923 |
| Molecular and Cell Biology | Alder, Nathan N | American Heart Association | Fluorescence-Based Study of the Mitochondrial Adenine Nucleotide Transiocase: A Key Component in Heart Disease | 090705 | 7/1/2009 | 6/30/2014 | $308,000 |
| Molecular and Cell Biology | Alder, Nathan N | Barth Syndrome Foundation, Inc. | Investigation of Cardiolipin-Dependent Respiratory Complex Activation and Development of Small Molecule Lipid Analog Therapeutics | 140455 | 5/23/2014 | 5/22/2015 | $50,000 |
| Molecular and Cell Biology | Alder, Nathan N | NSF/BIO/Directorate for Biological Sciences | Fluorescence-Based Investigation of the Structure and Functional Dynamics of the Mitochondrial Protein Import Machinery | 100784 | 8/1/2010 | 7/31/2014 | $803,810 |
| Molecular and Cell Biology | Alder, Nathan N | NSF/BIO/Directorate for Biological Sciences | Functional Dynamics and Energy Coupling Mechanisms of Mitochondrial Membrane Proteins | 130815 | 9/1/2013 | 8/31/2016 | $421,426 |
| Molecular and Cell Biology | Burkhard, Peter | PHS/NIH/National Institute of Allergy and Infectious Diseases | Malaria Vaccine Based on Self-Assembling Polypeptide Nanoparticles | 091034 | 9/15/2009 | 8/31/2014 | $2,143,798 |
| Molecular and Cell Biology | Burkhard, Peter | PHS/NIH/National Institute of General Medical Sciences/Northwestern University | Atomic Structure and Assembly of Intermediate Filaments (proposed)<br><br>Title on actual award: Regulation and Function of Intermediate Filaments in Cell Mechanics | 101241 | 6/15/2011 | 5/31/2016 | $1,356,204 |
| Molecular and Cell Biology | Burkhard, Peter | PHS/NIH/National Institute on Drug Abuse | A Peptide Nanoparticle Nicotine Vaccine | 111289 | 9/30/2011 | 8/31/2016 | $3,940,833 |
| Molecular and Cell Biology | Campellone, Kenneth G | American Heart Association | Membrane Remodeling Functions of Actin Nucleation Factors | 130046 | 1/1/2013 | 12/31/2016 | $308,000 |
| Molecular and Cell Biology | Campellone, Kenneth G | PHS/NIH/National Institute of General Medical Sciences | Cytoskeletal Control of Membrane Remodeling | 131441 | 4/1/2014 | 4/30/2019 | $1,803,627 |
| Molecular and Cell Biology | Chen, Thomas T | USDA/Agricultural Research Service | Identifying Biochemical Pathways Using Genetically Modified Trout | 120100 | 5/15/2011 | 5/14/2015 | $1,475,329 |
| Molecular and Cell Biology | Cole, James L | PHS/NIH/National Institute of Allergy and Infectious Diseases | Mechanism for Activation of the Antiviral Kinase PKR | 110961 | 12/1/2011 | 8/31/2016 | $1,951,093 |
| Molecular and Cell Biology | Gage, Daniel J | USDA/National Institute of Food and Agriculture | Microfluidic Studies of Signaling Between Rhizosphere Bacteria and Their Predators | 111270 | 2/15/2012 | 2/14/2015 | $149,969 |
| Molecular and Cell Biology | Giardina, Charles A | CT Department of Public Health/University of CT Health Center | Impact of Smoking on Right Sided Colon Cancer | 130149 | 8/1/2012 | 3/31/2014 | $30,000 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Molecular and Cell Biology | Giardina, Charles A | PHS/National Institutes of Health/University of CT Health Center | Are ACF Surrogate Markers for Chemoprevention? | 111209 | 9/1/2012 | 3/31/2017 | $130,000 |
| Molecular and Cell Biology | Giardina, Charles A | PHS/NIH/National Cancer Institute | Development of ESC-derived Intestinal Cells for Colon Cancer Research | 111290 | 9/1/2012 | 8/31/2015 | $263,598 |
| Molecular and Cell Biology | Giardina, Charles A | PHS/NIH/National Cancer Institute/University of CT Health Center | Cancer Biomarker Evaluation in Cell Culture Models | 080321 | 8/1/2008 | 5/31/2014 | $142,500 |
| Molecular and Cell Biology | Giardina, Charles A | University of Connecticut/University of CT Health Center | Dietary Approaches for Effective Colon Cancer Prevention by Vitamin D | 120142 | 3/1/2012 | 6/13/2014 | $20,000 |
| Molecular and Cell Biology | Gogarten, Johann P | NASA/National Aeronautics & Space Administration | Use of Horizontal Gene Transfer Frequencies to Place Extinct Lineages of Microorganisms | 120896 | 1/1/2013 | 3/7/2016 | $337,287 |
| Molecular and Cell Biology | Gogarten, Johann P | NSF/BIO/Directorate for Biological Sciences | Horizontal Gene Transfer and Among Phyla Relationships | 080801 | 1/1/2009 | 12/31/2014 | $2,500,000 |
| Molecular and Cell Biology | Goldhamer, David J | CT Department of Public Health/Connecticut Innovations, Inc | Regulation of Muscle Stem Cell Programming | 120661 | 11/1/2012 | 11/1/2015 | $450,000 |
| Molecular and Cell Biology | Goldhamer, David J | DOD/Department of Defense/University of CT Health Center | Developing Animal Models for Optimizing the Musculoskeletal Repair Potential of Emerging Human Progenitor Cell Therapies | 101080 | 3/18/2011 | 3/17/2014 | $554,625 |
| Molecular and Cell Biology | Goldhamer, David J | Muscular Dystrophy Association | Regulation of Satellite Cell Lineage Commitment in Regeneration and Disease | 101435 | 2/1/2011 | 1/31/2014 | $375,000 |
| Molecular and Cell Biology | Goldhamer, David J | NSF/National Science Foundation/University of CT Health Center | Electrically Mediated Complex Tissue Regeneration | 130828 | 8/1/2013 | 7/31/2017 | $216,000 |
| Molecular and Cell Biology | Goldhamer, David J | PHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases | Cellular Basis of Heterotopic Ossification | 091411 | 6/17/2010 | 4/30/2015 | $1,627,560 |
| Molecular and Cell Biology | Graf, Joerg | PHS/NIH/National Institute of General Medical Sciences | Functional Analysis of a Digestive-Tract Microbiome During Dietary Changes | 100772 | 12/1/2010 | 11/30/2015 | $1,526,215 |
| Molecular and Cell Biology | Graf, Joerg | USDA/Department of Agriculture/USDA/Agricultural Research Service | Establishment tof Genomic Tools for Investigating Fish Pathogens | 141159 | 6/1/2014 | 7/31/2015 | $409,706 |
| Molecular and Cell Biology | Hightower, Lawrence E | OxyHeal Health Group | HBOT Pre-conditioning and Therapy for Prevention and Alleviating Contrast-induced Nephropathy | 080552-01 | 1/1/2009 | 12/31/2015 | $318,951 |
| Molecular and Cell Biology | Lee, Juliet | NSF/BIO/Directorate for Biological Sciences | Mechano-sensing and the Integration of Cytoskeletal Function in Moving Cells | 010733-01 | 9/1/2007 | 8/31/2013 | $688,000 |
| Molecular and Cell Biology | Lynes, Michael A | NASA/National Aeronautics & Space Administration/Ciencia, Inc | Cytometer on a Chip Phase II<br><br>NASA SBIR PHASE II | 040029 | 2/1/2004 | 12/1/2014 | $115,000 |
| Molecular and Cell Biology | Lynes, Michael A | NSF/ENG/Directorate for Engineering/Ciencia, Inc | Biosensor for Label-Free, Real Time Monitoring of Environmental Pathogens | 030663 | 3/15/2004 | 10/31/2014 | $108,521 |
| Molecular and Cell Biology | Lynes, Michael A | PHS/National Institutes of Health/Ciencia, Inc | Rapid, High Content Screening of Research Colonies for Polymicrobial Infection | 121004 | 1/1/2013 | 12/31/2015 | $30,936 |
| Molecular and Cell Biology | Lynes, Michael A | PHS/National Institutes of Health/Ciencia, Inc | Fluorescent Plasmonics-Based Multiplexed Bioassay | 060800 | 12/1/2006 | 12/31/2015 | $61,000 |
| Molecular and Cell Biology | Lynes, Michael A | PHS/National Institutes of Health/University of California at Los Angeles | Salivary Biomarker-Based Methodology for Measuring Post-Trauma Psychopathology | 141133 | 9/1/2013 | 8/31/2014 | $487,594 |
| Molecular and Cell Biology | Lynes, Michael A | PHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/Ciencia, Inc | Functional Phenotyping of Leukocyte Reprogramming in Type 1 Diabetes | 120575 | 1/1/2013 | 12/31/2015 | $183,719 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Molecular and Cell Biology | Lynes, Michael A | PHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/Ciencia, Inc | MHC Array T Cell Assay System for Monitoring Immune Status in Type 1 Diabetes | 070806 | 5/1/2007 | 4/30/2014 | $116,000 |
| Molecular and Cell Biology | Lynes, Michael A | PHS/NIH/National Institute of Environmental Health Sciences/Ciencia, Inc | System for High-Throughput Proteome Characterization | 030809 | 10/1/2003 | 12/31/2015 | $222,783 |
| Molecular and Cell Biology | Lynes, Michael A | PHS/NIH/National Institute of Environmental Health Sciences/Ciencia, Inc | Paramagnetic Nanobead-Based Surface Plasmon Microarray Detection of Toxins and Toxicants | 120863 | 1/1/2013 | 12/31/2015 | $82,999 |
| Molecular and Cell Biology | May, Eric R | PHS/NIH/National Institute of Allergy and Infectious Diseases | Computational Studies of Early Stage Cell Entry Events by Non-enveloped Viruses | 130670 | 2/6/2013 | 1/31/2016 | $259,997 |
| Molecular and Cell Biology | Mellone, Barbara | NSF/BIO/Directorate for Biological Sciences | Characterization of a Novel, Evolutionary Distinct CENP-A Chaperone | 130812 | 8/1/2014 | 7/31/2017 | $510,000 |
| Molecular and Cell Biology | Mellone, Barbara | NSF/BIO/Directorate for Biological Sciences | Mechanisms of Centromere Assembly in Drosophila | 100781 | 9/1/2010 | 8/31/2015 | $796,060 |
| Molecular and Cell Biology | Mellone, Barbara | PHS/NIH/National Institute of General Medical Sciences | A Novel Animal Model Approach to Investigate Neocentromere Formation and Inactivation | 130840 | 3/1/2014 | 2/28/2019 | $1,474,873 |
| Molecular and Cell Biology | Nelson, Craig E | NSF/BIO/Directorate for Biological Sciences | Gene Duplication in Ribosomal Protein Evolution | 100753 | 6/23/2010 | 8/31/2014 | $488,143 |
| Molecular and Cell Biology | Nelson, Craig E | PHS/NIH/National Institute of Child Health and Human Development | Identification and Culture of Posterior Mesoderm Progenitors | 120481 | 7/1/2012 | 6/30/2015 | $396,131 |
| Molecular and Cell Biology | Noll, Kenneth M | NASA/National Aeronautics & Space Administration | Genome-Based Investigations into the Nature of the Common Ancestor of the Thermotogales | 080207 | 5/14/2008 | 5/13/2014 | $597,936 |
| Molecular and Cell Biology | Nyholm, Spencer | NSF/BIO/Directorate for Biological Sciences | Characterizing the Role of Host Blood Cells in a Beneficial Symbiosis | 100123 | 1/18/2010 | 1/31/2015 | $622,483 |
| Molecular and Cell Biology | O'Neill, Michael J | NSF/BIO/Directorate for Biological Sciences | Genomic Conflict and Placentation in Poeciliid Fishes | 090650 | 8/1/2009 | 9/30/2013 | $800,000 |
| Molecular and Cell Biology | O'Neill, Michael J | PHS/NIH/National Institute of Neurological Disorders and Stroke | Locus-Specific Imprinting on the Mammalian X Chromosome | 071123 | 2/1/2008 | 7/31/2014 | $1,645,450 |
| Molecular and Cell Biology | O'Neill, Rachel J | CT Department of Public Health/University of CT Health Center | UConn-Wesleyan Stem Cell Core | 130688 | 3/1/2014 | 3/1/2015 | $20,000 |
| Molecular and Cell Biology | O'Neill, Rachel J | DOD/DARPA | Adaptability of the Warfighter: A Interactive Model for Optimization of Performance and Resilience | 130118 | 1/15/2013 | 1/31/2015 | $650,000 |
| Molecular and Cell Biology | O'Neill, Rachel J | NSF/BIO/Directorate for Biological Sciences | Testing Models of Centromere Drive | 121132 | 3/1/2013 | 3/31/2016 | $929,999 |
| Molecular and Cell Biology | O'Neill, Rachel J | PHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/University of Melbourne | New Players in Urethral Closure: Defining the Role of a Novel Long Noncoding RNA | 141040 | 9/7/2013 | 7/31/2017 | $187,621 |
| Molecular and Cell Biology | Papke, Robertson T | NASA/National Aeronautics & Space Administration | Lateral Gene Transfer Mechanisms in Archaea<br><br>"Astrobiology: Exobiology and Evolutionary Biology" | 110409 | 4/1/2012 | 3/31/2015 | $598,925 |
| Molecular and Cell Biology | Papke, Robertson T | NSF/BIO/Directorate for Biological Sciences | Proposal Requesting Funding for Support of U.S. Students and Postdoctoral Researchers to Attend the International Congress on Halophilic Microorganisms | 130856 | 8/1/2013 | 1/31/2014 | $16,000 |
| Molecular and Cell Biology | Pask, Andrew | PHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases | New Players in Urethral Closure; Defining the Role of a Novel Long Noncoding RNA | 120970 | 9/30/2012 | 9/6/2013 | $1,716,619 |
| Molecular and Cell Biology | Reiter, Wolf-Dieter | DOE/Department of Energy | Regulation of Xyloglucan Galactosylation in Arabidopsis | 110533 | 7/15/2011 | 7/14/2015 | $380,000 |
| Molecular and Cell Biology | Robinson, Victoria L | NSF/BIO/Directorate for Biological Sciences | The Influence of ppGpp on the Cellular Action of BipA | 081111 | 4/1/2009 | 3/31/2015 | $934,500 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Molecular and Cell Biology | Rumpho-Kennedy, Mary E | NSF/BIO/Directorate for Biological Sciences | Sea Slug - Algal Chloroplast Symbiosis: Towards an Integrated Understanding of Long-Term Chloroplast Functioning in an Animal | 130228 | 8/23/2012 | 7/31/2014 | $33,466 |
| Molecular and Cell Biology | Strausbaugh, Linda D | NSF/EHR/Directorate for Education and Human Resources | Preparing Promising Students for the 21st Century Scientific Workforce | 090130 | 8/1/2009 | 7/31/2014 | $560,427 |
| Molecular and Cell Biology | Strausbaugh, Linda D | PHS/NIH/National Institute of Dental and Craniofacial Research/University of CT Health Center | The Oral Microbiome During Cancer Chemotherapy and its Role in Oral Mucositis | 100958 | 9/13/2010 | 8/31/2014 | $796,366 |
| Molecular and Cell Biology | Teschke, Carolyn M | PHS/NIH/National Institute of General Medical Sciences | Understanding the Protein:Protein Interactions Required for Virus Assembly | 110495 | 9/1/2011 | 8/31/2015 | $1,723,483 |
| Molecular and Cell Biology | Zweifach, Adam | PHS/NIH/National Institute of Neurological Disorders and Stroke | A High-throughput Screen of Lytic Granule Exocytosis | 101035 | 9/30/2010 | 8/31/2014 | $191,250 |
| Natural Resources and the Environment | Anyah, Richard O | NSF/GEO/Directorate for Geosciences | Role of Coupled Climate-Hydrology-Land Use Connections on Present and Future Hydro-Climates of the Greater Horn of Africa | 130431 | 8/1/2013 | 7/31/2014 | $94,051 |
| Natural Resources and the Environment | Clausen, John | USDA/Natural Resources Conservation Service | Organic Stabilizer to Reduce Sediment and Associated Pollutant Losses from Dairy Heavy Use Areas | 120982 | 9/15/2012 | 9/30/2015 | $81,005 |
| Natural Resources and the Environment | Evans, Michael J | International Association for Bear Research and Management | Density Indices from Photographic Data for Management of Black Bears in Connecticut | 141232 | 5/1/2014 | 5/1/2015 | $10,000 |
| Natural Resources and the Environment | Huang, Min T | CT Department of Energy and Environmental Protection | Greatest Conservation Need Migratory Bird Assessments | 140464 | 4/1/2014 | 3/31/2015 | $49,922 |
| Natural Resources and the Environment | Huang, Min T | CT Department of Energy and Environmental Protection | Monitoring of Greatest Conservation Need Avian Species | 131113 | 4/11/2013 | 12/31/2014 | $49,782 |
| Natural Resources and the Environment | Huang, Min T | CT Department of Energy and Environmental Protection | Wood Duck Nesting Habitat | 141304 | 6/6/2014 | 3/31/2015 | $14,178 |
| Natural Resources and the Environment | Meyer, Thomas H | DOT/Department of Transportation/CT Department of Transportation | Implementing and Testing a Real-time Network Positioning System for the Connecticut Department of Transportation's Digital Design Environment | 101324 | 8/23/2010 | 8/22/2015 | $798,637 |
| Natural Resources and the Environment | Rittenhouse, Chadwick D | CT Department of Energy and Environmental Protection | Estimation of Early Successional Habitat in Connecticut | 121035 | 7/24/2012 | 11/30/2013 | $44,500 |
| Natural Resources and the Environment | Rittenhouse, Chadwick D | DOI/U.S. Fish & Wildlife Service/CT Department of Energy and Environmental Protection | Geospatial Support for the 2015 Connecticut State Wildlife Action Plan | 141533 | 8/21/2014 | 12/31/2015 | $34,358 |
| Natural Resources and the Environment | Rittenhouse, Chadwick D | USDA/Forest Service | Integrating Approaches to Conservation Design Across the LCC Network in the East | 140491 | 4/28/2014 | 12/31/2015 | $145,475 |
| Natural Resources and the Environment | Rittenhouse, Chadwick D | USDA/National Institute of Food and Agriculture | Training Forestry Graduates in Landscape-Scale Sustainability Planning: Integrating Decision Science with Social-Ecological Geospatial Models | 140207 | 2/15/2014 | 2/14/2019 | $238,500 |
| Natural Resources and the Environment | Rittenhouse, Tracy | CT Department of Energy and Environmental Protection | Monitoring Box Turtle Abundance in Connecticut | 131072 | 5/1/2013 | 8/31/2014 | $13,976 |
| Natural Resources and the Environment | Rittenhouse, Tracy | CT Department of Energy and Environmental Protection | Prevalence of Ranavirus in CT: Statewide Survey to Determine Threat Level to Amphibian Populations | 120475 | 4/19/2012 | 8/31/2013 | $15,752 |
| Natural Resources and the Environment | Rittenhouse, Tracy | DOI/National Park Service/CT Department of Energy and Environmental Protection | New England Cottontail Survival in Managed Habitat Patches Containing the Eastern Cottontail Competitor | 141483 | 8/8/2014 | 7/31/2016 | $91,761 |
| Natural Resources and the Environment | Rittenhouse, Tracy | DOI/U.S. Fish & Wildlife Service/CT Department of Energy and Environmental Protection | Genetic Mark-Recapture Population Estimate for Black Bears in CT | 120821 | 5/22/2012 | 5/31/2016 | $281,381 |
| Natural Resources and the Environment | Robbins, Gary A | DOI/US Geological Survey | A Dye Displacement Method to Characterize Water Contributing Fractures in Wells in Crystalline Bedrock | 110449 | 3/1/2012 | 2/28/2015 | $23,017 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Natural Resources and the Environment | Robbins, Gary A | Town of Killingly, CT | Investigation of Water Source Beneath Gym at Killingly High School | 131031 | 3/1/2013 | 8/31/2013 | $13,695 |
| Natural Resources and the Environment | Rudnicki, Mark | Northeast Utilities | NU Center Bridge-Funding: Vegetation Management | 131013 | 5/14/2013 | 5/31/2015 | $730,000 |
| Natural Resources and the Environment | Vokoun, Jason | CT Department of Energy and Environmental Protection | Wood Duck Box Mapping and Assessment | 140151 | 9/1/2013 | 4/1/2014 | $15,100 |
| Natural Resources and the Environment | Vokoun, Jason | CT Department of Energy and Environmental Protection | Bridle Shiner Conservation Genetics: Local (Meta)Population Structure and Statewide Genetic Diversity | 130107 | 4/17/2013 | 8/31/2014 | $6,588 |
| Natural Resources and the Environment | Vokoun, Jason | DOI/Department of Interior/CT Department of Energy and Environmental Protection | Among Headwaters Conservation Genetics of Brook Trout: Occurrence of Meta-Populations and Landscape Scale Fragmentation | 140083 | 5/16/2014 | 4/30/2016 | $109,405 |
| Natural Resources and the Environment | Vokoun, Jason | DOI/U.S. Fish & Wildlife Service/CT Department of Energy and Environmental Protection | Comparisons of Fished and Unfished Largemouth Bass Populations: Metabolism, Angling Vulnerability, and Potential for Mitigative Supplemental Stocking | 110847 | 8/1/2011 | 12/31/2015 | $120,000 |
| Natural Resources and the Environment | Warner, Glenn S | DOI/US Geological Survey | Water Resources Research Institute Annual Base Grant Program | 110941 | 3/10/2011 | 2/28/2015 | $461,675 |
| Northeast Undersea Research Technology & Education Center | Auster, Peter J | DOC/National Oceanic and Atmospheric Administration/University of Maine | Investigating Coral Communities in the Gulf of Maine | 141344 | 8/1/2014 | 7/31/2015 | $224,437 |
| Northeast Undersea Research Technology & Education Center | Auster, Peter J | Waitt Institute | Searching for Deep Corals in Atlantic Canyons and on Seamounts Using Remus 6000 AUVS | 130035 | 9/1/2012 | 12/31/2013 | $100,075 |
| Northeast Undersea Research Technology & Education Center | Babb, Ivar G | CT Department of Energy and Environmental Protection | Sea Floor Mapping of Long Island Sound Phase 1: Pilot Project - LISMaRC<br><br>Award set up with 4 accounts<br><br>6359670 - Babb $432,663.00<br><br>6359750 - Auster $ 72,309.00<br><br>6359760-Whitlatch $ 48,048.00<br><br>6359770 - O'Donnell $164,980.00 | 121075 | 5/1/2012 | 9/30/2014 | $808,867 |
| Northeast Undersea Research Technology & Education Center | Babb, Ivar G | DOC/National Oceanic and Atmospheric Administration | K2 ROV Support for Deep Sea Coral Research in the Gulf of Maine | 141305 | 7/2/2014 | 8/8/2014 | $289,264 |
| Northeast Undersea Research Technology & Education Center | Babb, Ivar G | DOC/NOAA/National Marine Fisheries Service | Imaging Surveys of Northern Gulf of Maine/Jordan Basin Habitat Areas for Deep Sea Corals and Sponges | 131172 | 6/1/2013 | 9/30/2014 | $288,000 |
| Northeast Undersea Research Technology & Education Center | Babb, Ivar G | DOD/Navy/Truston Technologies | NURTEC's Kraken2 ROV Services to Support the US Navy Subsea Cable Inspection | 140288 | 9/26/2013 | 12/31/2013 | $67,271 |
| Northeast Undersea Research Technology & Education Center | Babb, Ivar G | NSF/EHR/Directorate for Education and Human Resources | Collaborative Research: Marine Technology for Teachers and Students (MaTTS) | 130517 | 9/15/2013 | 8/31/2016 | $322,897 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Nursing Instruction and Research | Alexander, Ivy M | HHS/Health Resources and Services Administration | Advanced Education Nursing Traineeship (AENT) Program | 140741 | 7/1/2014 | 6/30/2016 | $688,800 |
| Nursing Instruction and Research | Cong, Xiaomei | American Nurses Foundation | Oxytocin Mechanism During Maternal and Paternal Skin to Skin Contact with preterm Infant | 121062 | 9/1/2012 | 8/31/2014 | $7,499 |
| Nursing Instruction and Research | Cong, Xiaomei | PHS/NIH/National Institute of Nursing Research | Early Life Experience Imprints Gut Microbiome in Preterm Infants | 130903 | 9/27/2013 | 7/31/2016 | $396,363 |
| Nursing Instruction and Research | Judge, Michelle P | Academy of Nutrition and Dietetics Foundation | Assessment of Need for a Nutritional Education Program: Obstetric Practitioners Attitudes, Knowledge and Prescribing and/or Recommending Behaviors for Omega-3 Fatty Acid Consumption in Pregnant Women | 141157 | 7/1/2014 | 6/30/2015 | $1,000 |
| Nursing Instruction and Research | Panosky, Denise M | PHS/CDC/National Institute for Occupational Safety and Health/University of Massachusetts at Lowell | Reducing Stress Among Correctional Nurses Through Focus Groups | 130582 | 8/1/2013 | 9/30/2014 | $11,000 |
| Nursing Instruction and Research | Shelton, Deborah | University of CT Health Center | Creating Pathways for Correctional Health Research Translation | 140638 | 12/1/2013 | 3/31/2015 | $27,000 |
| Nursing Instruction and Research | Van Hoof, Thomas J | Society for Academic Continuing Medical Education (SACME) | SACME Terminology Project | 140665 | 12/1/2013 | 2/28/2015 | $61,626 |
| Nutritional Sciences | Bolling, Bradley | CT Department of Public Health | The Effect of Chokeberry Polyphenols on Biomarkers of Cardiovascular Disease and Antioxidant Defenses in Former Smokers | 120068 | 4/1/2012 | 5/31/2015 | $417,076 |
| Nutritional Sciences | Bolling, Bradley | Dairy Management Inc (DMI) | Reduction of Obesity-Associated Intestinal Inflammation by Low-Fat Dairy Yogurt | 121031 | 9/1/2012 | 12/31/2015 | $478,524 |
| Nutritional Sciences | Chun, Ock K | Nutricia Research Foundation | Chokeberry Polyphenols Promote Bone Health by Inhibiting Inflammation-Induced Bone Resorption | 130312 | 1/31/2013 | 12/31/2015 | $63,634 |
| Nutritional Sciences | Chun, Ock K | PHS/NIH/National Cancer Institute | Does Dietary Antioxidant Predict Aggressiveness of Prostate Cancer? | 111006 | 3/14/2012 | 2/28/2015 | $155,494 |
| Nutritional Sciences | Fernandez, Maria-Luz | American Egg Board | Egg Effects on Postprandial Glucose, Insulin and Lipoprotein Metabolism in Diabetic Subjects | 111073 | 1/1/2012 | 5/31/2014 | $98,443 |
| Nutritional Sciences | Fernandez, Maria-Luz | Telomerase Activation Sciences (TA Sciences) | Dietary Supplement Effects on Metabolic Syndrome and Insulin Resistance. A Pilot Clinical Trial to Test the Effects of Efficacy | 130247 | 10/1/2012 | 12/31/2015 | $290,006 |
| Nutritional Sciences | Fernandez, Maria-Luz | USDA/CSREES | Pre-Doctoral Fellowships: Obesity and Diet | 080953 | 9/1/2008 | 8/31/2013 | $258,000 |
| Nutritional Sciences | Fernandez, Maria-Luz | USDA/National Institute of Food and Agriculture | Effects of Egg Consumption on HDL Composition, Macrophage Reverse Cholesterol, and Mononuclear Cell Inflammation | 120697 | 8/15/2012 | 8/14/2014 | $37,500 |
| Nutritional Sciences | Koo, Sung I | Algroup Lonza, Inc | Dietary L-Carnitine Supplement: Its Effect on Fat-Soluble Vitamin Status | 021237 | 7/1/2002 | 6/30/2015 | $120,003 |
| Nutritional Sciences | Lee, Ji-Young | AstaReal | Role of Astaxanthin in the Prevention of Hepatic Stellate Cell Activation | 131420 | 7/1/2013 | 7/30/2014 | $22,950 |
| Nutritional Sciences | Lee, Ji-Young | PHS/NIH/National Center for Complementary and Alternative Medicine | Evaluation of Athero-Protective Role of Blue-Green Algae | 101221 | 7/1/2010 | 8/31/2013 | $329,541 |
| Nutritional Sciences | Lee, Ji-Young | USDA/National Institute of Food and Agriculture | Use of a Cell Bioenergetics Analyser to Determine the Effect of Diet and Bioactive Food Components on Energy Metabolism | 130881 | 2/1/2014 | 1/31/2016 | $50,000 |
| Nutritional Sciences | Lee, Ji-Young | USDA/National Institute of Food and Agriculture | Bioavailability in the Prevention of Hepatic Inflammation | 111123 | 2/1/2012 | 1/31/2016 | $459,646 |
| Nutritional Sciences | Mobley, Amy R | USDA/Department of Agriculture/University of Nevada | All 4 Kids: Resiliency in an Obesogenic Environment | 120098 | 8/15/2011 | 2/28/2015 | $32,851 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Nutritional Sciences | Mobley, Amy R | USDA/National Institute of Food and Agriculture/Purdue University | Mobilizing Rural Low-Income Communities to Assess and Improve the Ecological Environment to Prevent Childhood Obesity | 120012 | 3/15/2011 | 3/14/2016 | $260,674 |
| Office of the Provost and Executive VP for Academic Affairs | Choi, Mun | ED/Fund Improvement Postsecondary Education/Drexel University | Engineers as Global Leaders for Energy Sustainability (EAGLES) | 101034 | 9/1/2010 | 8/31/2015 | $179,956 |
| Office of the Provost and Executive VP for Academic Affairs | Choi, Mun | ED/Office of Postsecondary Education | Graduate Assistance in Areas of National Need in Clean Energy | 120688 | 8/16/2012 | 8/15/2015 | $408,315 |
| Office of the Provost and Executive VP for Academic Affairs | Choi, Mun | NASA/National Aeronautics & Space Administration | FLEX Droplet Flame Extinguishment in Microgravity | 080214 | 12/3/2007 | 12/2/2015 | $665,000 |
| Office of the Provost and Executive VP for Academic Affairs | Choi, Mun | NSF/EHR/Directorate for Education and Human Resources/University of Massachusetts Amherst | LSAMP Bridge to the Doctorate at the University of Connecticut | 121293 | 9/1/2012 | 8/31/2015 | $978,454 |
| Office of the Provost and Executive VP for Academic Affairs | Silbart, Lawrence K | CT Department of Economic and Community Development | Research and Development Project for EpitoGenesis, Inc. | 131194 | 6/1/2013 | 6/30/2015 | $800,000 |
| Office of the Provost and Executive VP for Academic Affairs | Silbart, Lawrence K | USDA/Agricultural Research Service | Development of Improved Foot-and Mouth Disease Vaccines and Biotherapeutics | 140715 | 1/31/2014 | 2/1/2016 | $272,913 |
| Office of Vice President for Research | Zangari, Rita J | CT Department of Economic and Community Development | 2012 Economic Development Grant Program | 130677 | 1/18/2013 | 12/31/2014 | $220,000 |
| Pathobiology and Veterinary Science | Frasca Jr, Salvatore | CT Department of Energy and Environmental Protection | Health Assessment Monitoring of American Lobster in Long Island Sound | 130397 | 11/27/2012 | 1/31/2014 | $90,331 |
| Pathobiology and Veterinary Science | Garmendia, Antonio E | USDA/National Institute of Food and Agriculture | Polyvalent T Cell Mosaic Vaccine to Cross-Protect Swine Against Heterologous PRRSV Strains | 101199 | 2/15/2011 | 2/14/2016 | $495,000 |
| Pathobiology and Veterinary Science | Geary, Steven J | DOD/Defense Threat Reduction Agency | Investigating the Essential Role of Host Proteins in Poxvirus Pathogenicity | 120593 | 8/29/2012 | 9/11/2015 | $1,449,611 |
| Pathobiology and Veterinary Science | Geary, Steven J | PHS/NIH/National Institute of General Medical Sciences/Virginia Polytechnic Institute and State University | Ecological Drivers of Virulence Evolution in an Emerging Avian Pathogen | 120539 | 9/15/2012 | 8/31/2015 | $376,972 |
| Pathobiology and Veterinary Science | Khan, Mazhar I | U.S. Agency for International Development/University of Veterinary and Animal Sciences | Characterization of Mycoplasma Gallisepticum Isolates from Pakistan and their Use in Production of Diagnostic Antigen and Vaccine | 100577 | 11/15/2010 | 9/30/2014 | $63,450 |
| Pathobiology and Veterinary Science | Khan, Mazhar I | USDA/National Institute of Food and Agriculture | Peptide Nanoparticles as Novel Immunogens: Design and Analysis of Avian Influenza Vaccine | 111164 | 12/15/2011 | 12/14/2015 | $499,943 |
| Pathobiology and Veterinary Science | Levin, Milton J | DOC/NOAA/National Marine Fisheries Service | The Role of Harmful Algal Blooms on Bottlenose Dolphin Health: Relationships Among Biotoxins, Eosinophils and Immune Functions | 120324 | 8/1/2012 | 7/31/2015 | $70,673 |
| Pathobiology and Veterinary Science | Risatti, Guillermo | USDA/Agricultural Research Service | Characterization of Genetic Determinants of Virulence in CSF and ASF | 110072 | 8/1/2010 | 12/31/2014 | $860,213 |
| Pathobiology and Veterinary Science | Risatti, Guillermo | USDA/Agricultural Research Service | Characterization of Genetic Determinants of Virulence in African Swine Fever Virus | 120276 | 9/1/2011 | 3/31/2014 | $525,283 |
| Pathobiology and Veterinary Science | Risatti, Guillermo | USDA/CSREES | Identification of Host Factors Interacting with Classical Swine Fever Virus Proteins: Basis for Development of Novel Control Tools | 091003 | 9/1/2009 | 8/31/2013 | $372,000 |
| Pathobiology and Veterinary Science | Smyth, Joan | Bayer Corporation | Prevention of Necrotic Enteritis | 070953 | 6/14/2007 | 12/31/2014 | $221,195 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Pathobiology and Veterinary Science | Smyth, Joan | PHS/DHHS/Food and Drug Administration | Connecticut Veterinary Medical Diagnostic Laboratory | 121338 | 9/1/2012 | 8/31/2017 | $82,500 |
| Pathobiology and Veterinary Science | Smyth, Joan | U.S. Poultry & Egg Association | Identification of Novel Virulence Factors for Necrotic Enteritis of Chickens | 130872 | 9/1/2013 | 3/1/2015 | $59,946 |
| Pathobiology and Veterinary Science | Smyth, Joan | U.S. Poultry & Egg Association | Testing of a Non-Virulent NetB Positive Strain of C. Perfringens as a Live Vaccine Against Necrotic Enteritis in Chickens | 140032 | 1/1/2014 | 5/1/2015 | $55,520 |
| Pathobiology and Veterinary Science | Tulman, Edan | National Pork Board/University of Illinois | Identification of Protective Antigens of African Swine Fever Virus | 130525 | 5/1/2013 | 4/30/2014 | $63,290 |
| Pathobiology and Veterinary Science | Verardi, Paulo H | USDA/National Institute of Food and Agriculture | Development of Viral Vectors for Polyvalent Animal Vaccines | 111062 | 2/1/2012 | 1/31/2016 | $140,000 |
| Pharmaceutical Sciences | Anderson, Amy | American Foundation for Pharmaceutical Education | Towards the Characterization of Tropolone Natural Product Derivatives as Novel, Potent Anticancer Therapeutics that Selectively Target Histone Deacetylase (HDAC) Enzymes | 120923 | 9/1/2012 | 8/31/2013 | $6,500 |
| Pharmaceutical Sciences | Anderson, Amy | PHS/NIH/National Institute of Allergy and Infectious Diseases | Propargyl-Linked Antifolates Targeting Klebsiella Pneumoniae | 130857 | 12/1/2013 | 11/30/2018 | $2,992,315 |
| Pharmaceutical Sciences | Anderson, Amy | PHS/NIH/National Institute of Allergy and Infectious Diseases | Targeting Bacillus DHFR: Structural Studies and Synthesis of Inhibitors | 080405 | 6/1/2008 | 5/31/2014 | $1,681,184 |
| Pharmaceutical Sciences | Anderson, Amy | PHS/NIH/National Institute of General Medical Sciences | Targeting DHFR to Design Antimicrobial Agents | 060756-01 | 1/1/2009 | 12/31/2013 | $1,644,734 |
| Pharmaceutical Sciences | Anderson, Amy | PHS/NIH/National Institute of General Medical Sciences/Duke University | Computational Structure-Based Protein Design | 130760 | 4/1/2014 | 2/28/2018 | $173,316 |
| Pharmaceutical Sciences | Aneskievich, Brian J | University of CT Health Center | Development and Assessment of a Sublingual Tablet Preparation of TRH to Enable New Therapeutic Applications | 131287 | 7/1/2013 | 3/6/2015 | $48,000 |
| Pharmaceutical Sciences | Boelsterli, Urs A | CT Department of Public Health/Connecticut Innovations, Inc | Stem Cell Approaches for Defining Patient-Specific Predisposition to Idiosyncratic Drug-Induced Liver Injury (DILI) | 110637 | 11/1/2011 | 11/1/2014 | $1,290,499 |
| Pharmaceutical Sciences | Boelsterli, Urs A | Novo Nordisk | Mechanistic Studies with NN Compounds - Role of Mitochondria | 131396 | 11/1/2013 | 7/31/2014 | $118,558 |
| Pharmaceutical Sciences | Bogner, Robin H | Medisca | Evaluating Compounded Oral Drug Liquids | 140824 | 5/1/2014 | 4/30/2015 | $54,754 |
| Pharmaceutical Sciences | Bogner, Robin H | Merck and Company | Application of Inorganic Excipients for Producing Solid Dispersions with Enhanced Dissolution Profiles | 131438 | 7/8/2013 | 1/7/2014 | $25,000 |
| Pharmaceutical Sciences | Bogner, Robin H | Mixed Sources | General Research Support | 000095 | 7/1/1999 | 12/31/2015 | $162,369 |
| Pharmaceutical Sciences | Bogner, Robin H | Mixed Sources | Exploring Careers in Pharmaceutics | 040047 | 9/1/1993 | 8/31/2015 | $321,450 |
| Pharmaceutical Sciences | Bogner, Robin H | PHS/DHHS/Food and Drug Administration/National Institute of Pharmaceutical Technology and Education | Variation in Pressure within the Drying Chamber and Impact on Lyophilization Design Space: A Combination Theoretical and Experimental Study | 120567 | 3/1/2012 | 10/31/2013 | $44,999 |
| Pharmaceutical Sciences | Burgess, Diane J | AbbVie | Quality by Design Approach to Understand Preparation and Stabilization of Amorphous Nanoparticles | 140280 | 11/6/2013 | 3/30/2015 | $81,956 |
| Pharmaceutical Sciences | Burgess, Diane J | American Foundation for Pharmaceutical Education | AFPE Pre-Doctoral Fellowship in the Pharmaceutical Sciences | 130963 | 9/1/2013 | 8/31/2014 | $6,500 |
| Pharmaceutical Sciences | Burgess, Diane J | Amylin Pharmaceuticals | Development of a "Short-term" In-Vitro Release Testing Method for Polymeric Microsphere Based products Using UPS Apparatus 4 | 130409 | 1/24/2013 | 1/24/2015 | $108,516 |
| Pharmaceutical Sciences | Burgess, Diane J | Connecticut Innovations, Inc/Biodel | Glucagon Characterization and Pump Compatibility Study | 130974 | 3/4/2013 | 2/1/2014 | $10,000 |
| Pharmaceutical Sciences | Burgess, Diane J | DOD/Army/MedicalResearch and Materiel Command | Miniaturized Wireless Implantable Biosensors for Multiple Analyte Monitoring | 070024-01 | 9/29/2009 | 12/26/2014 | $490,001 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Pharmaceutical Sciences | Burgess, Diane J | Flexion Therapeutics | Development of In Vitro Release Testing Methods for PLGA/PLA Microspheres Using USP Apparatus 4 | 131183 | 4/24/2013 | 5/31/2015 | $184,252 |
| Pharmaceutical Sciences | Burgess, Diane J | Merial Limited | In Vitro Release Testing of Eprinomectin LAI | 110500 | 2/9/2011 | 12/31/2013 | $226,843 |
| Pharmaceutical Sciences | Burgess, Diane J | PHS/DHHS/Food and Drug Administration | Continuous Manufacturing of Liposomal Drug Formulations | 131234 | 9/30/2013 | 9/29/2016 | $499,896 |
| Pharmaceutical Sciences | Burgess, Diane J | PHS/DHHS/Food and Drug Administration | In Vitro-In Vivo Correlations of Parentral Microsphere Drug Products | 131313 | 9/15/2013 | 3/31/2016 | $989,550 |
| Pharmaceutical Sciences | Burgess, Diane J | PHS/DHHS/Food and Drug Administration | Method of Dissolution for Nanosuspensions/Nanoparticles | 111276 | 8/19/2011 | 12/31/2013 | $199,978 |
| Pharmaceutical Sciences | Burgess, Diane J | PHS/NIH/National Institute of Biomedical Imaging and Bioengineering/Biorasis, Inc | Needle-Implantable, Wireless Multi-Sensor for Continuous Glucose Monitoring | 091073 | 9/30/2009 | 8/31/2013 | $239,668 |
| Pharmaceutical Sciences | Chaudhuri, Bodhisattwa | Pfizer Inc | Multi-Scale Models to Predict the Electrostatic Behavior of Pharmaceutical Powders | 121122 | 9/1/2012 | 12/31/2014 | $136,000 |
| Pharmaceutical Sciences | Chaudhuri, Bodhisattwa | PHS/DHHS/Food and Drug Administration/National Institute of Pharmaceutical Technology and Education | Understanding Electrostatic Behavior in Granular Materials: Models and Experiments | 130126 | 1/1/2013 | 12/31/2014 | $55,000 |
| Pharmaceutical Sciences | Grant, David F | PHS/NIH/National Institute of General Medical Sciences | Metabolomics Tools for Biomedicine | 090775 | 6/1/2010 | 5/31/2014 | $1,207,947 |
| Pharmaceutical Sciences | Hadden, Kyle | American Cancer Society, Inc. | Vitamin D3 Analogues as Hedgehog Pathway Inhibitors | 130366 | 7/1/2013 | 6/30/2017 | $716,000 |
| Pharmaceutical Sciences | Hadden, Kyle | CT Department of Public Health/University of CT Health Center | Therapeutic Targeting of Vascular Permeability in Cardiovascular Ischemic Disease | 130406 | 5/1/2013 | 4/30/2015 | $83,076 |
| Pharmaceutical Sciences | Hadden, Kyle | Hood (Charles H.) Foundation | Vitamin D3 Analogues as Hedgehog Pathway Inhibitors | 120922 | 7/1/2012 | 6/30/2014 | $150,000 |
| Pharmaceutical Sciences | Hadden, Kyle | University of CT Health Center | Translesion Synthesis DNA Polymerases as Targets for Anti-Cancer Drug Design | 131239 | 7/1/2013 | 6/30/2015 | $25,000 |
| Pharmaceutical Sciences | Kalonia, Devendra S | AbbVie/Abbott Laboratories | The Impact of Protein Properties and PPI on the Viscosity, Solubility, Turbidity, and Concentration | 120487 | 12/23/2011 | 12/22/2014 | $346,621 |
| Pharmaceutical Sciences | Kalonia, Devendra S | Biogen Idec | Effect of Protein-Protein Interactions on Drying of Proteins | 110189 | 11/1/2010 | 4/15/2015 | $368,881 |
| Pharmaceutical Sciences | Kalonia, Devendra S | Genentech, Incorporated | Impact of Protein-Protein Interactions on Viscosity of Monoclonal Antibody Formulations: Investigation of Charge Distribution on Viscosity | 071049-01 | 6/18/2007 | 8/31/2015 | $594,538 |
| Pharmaceutical Sciences | Kendall, Debra A | PHS/NIH/National Institute on Drug Abuse | Determinants of the Cannabinoid Receptor Life Cycle | 070710 | 9/25/2007 | 7/31/2015 | $1,486,819 |
| Pharmaceutical Sciences | Lu, Xiuling | University of CT Health Center | Radionuclide Therapy of Metastic Ovarian Cancer with Mesoporous Nanoparticles: Translation of Results in Animal Models to Humans | 131293 | 7/1/2013 | 12/31/2014 | $50,000 |
| Pharmaceutical Sciences | Manautou, Jose E | PHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases | Transporter Expression in Response to Hepatotoxicants | 100989 | 9/20/2010 | 6/30/2014 | $1,312,775 |
| Pharmaceutical Sciences | Pikal, Michael J | Genentech, Incorporated | Measurement of Specific Surface Area for Lyophilized Samples | 140496 | 10/31/2013 | 4/1/2015 | $51,350 |
| Pharmaceutical Sciences | Pikal, Michael J | Mixed Sources | Center for Pharmaceutical Processing Research | 980003 | 10/1/1998 | 12/31/2013 | $1,839,018 |
| Pharmaceutical Sciences | Pikal, Michael J | Mixed Sources | Material Properties of Formulations for Freeze Drying | 010560 | 8/11/1997 | 12/31/2015 | $579,345 |
| Pharmaceutical Sciences | Pikal, Michael J | Mixed Sources | Center for Pharmaceutical Processing Research | 120720 | 10/1/2007 | 12/31/2015 | $590,000 |
| Pharmaceutical Sciences | Pikal, Michael J | Pfizer Inc | Development and Validation of Excel Based Secondary Drying Model | 130425 | 10/1/2012 | 9/30/2013 | $52,000 |
| Pharmaceutical Sciences | Pikal, Michael J | PHS/National Institutes of Health/Physical Sciences, Inc | Optical Coherence Tomography (OCT) Based Freeze Drying Microscopy | 120963 | 7/10/2013 | 6/30/2015 | $236,577 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Pharmaceutical Sciences | Pikal, Michael J | PHS/National Institutes of Health/Physical Sciences, Inc | Development of a Robust and Efficient Method for Pharmaceutical Freeze Drying in Pre-Filled Syringes | 131063 | 7/30/2014 | 9/1/2015 | $49,999 |
| Pharmaceutical Sciences | Pikal, Michael J | PHS/NIH/National Cancer Institute/Physical Sciences, Inc | Development of a Mini-Lyophilzer for Pharmaceutical Product Formulation and Process Development | 131056 | 10/10/2013 | 9/1/2015 | $218,149 |
| Pharmaceutical Sciences | Vinogradova, Olga | American Heart Association | Shc in Integrin Signaling | 110735 | 7/1/2011 | 6/30/2014 | $198,000 |
| Pharmaceutical Sciences | Wiemer, Andrew J | American Association of Colleges of Pharmacy | Development of Isoform-Specific Histone Deacetylase Inhibitors for T Cell Leukemia | 140125 | 1/1/2014 | 12/31/2014 | $10,000 |
| Pharmaceutical Sciences | Wright, Dennis | PHS/NIH/National Eye Institute/University of CT Health Center | Molecular Targets of Corneal Anti-Fibrosis | 130493 | 12/1/2012 | 11/30/2015 | $151,403 |
| Pharmaceutical Sciences | Wright, Dennis | PHS/NIH/National Institute of Allergy and Infectious Diseases | Antimetabolites Effective Against Resistant Gram-Positive Bacteria | 140073 | 3/1/2014 | 2/28/2018 | $2,187,128 |
| Pharmaceutical Sciences | Zhong, Xiaobo | PHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases/University of Kansas - DNU | Transcription Factor NFAT1 Deficiency and Osteoarthritis | 130280 | 9/1/2012 | 5/31/2016 | $14,972 |
| Pharmaceutical Sciences | Zhong, Xiaobo | PHS/NIH/National Institute of Environmental Health Sciences/University of Kansas Medical Center Research Institute | Developmental Regulation of Drug Processing Genes | 130426 | 9/1/2012 | 6/30/2014 | $351,855 |
| Pharmaceutical Sciences | Zhong, Xiaobo | PHS/NIH/National Institute of General Medical Sciences | Control of Developmental Switch of Cyp3a Gene Expression in Mouse Liver | 121306 | 8/23/2012 | 1/31/2016 | $842,642 |
| Pharmacy Practice | Baker Jr., William L | Pfizer Inc | Treatments for Moderate to Severe Plaque Psoriasis: An Updated Systematic Review & Network Meta-Analysis | 130045 | 9/1/2012 | 9/1/2015 | $218,500 |
| Pharmacy Practice | Buckley, Thomas E | PHS/Centers for Disease Control and Prevention/CT Department of Public Health | State Public Health Actions to Prevent and Control Diabetes, Heart Disease, Obesity and Associated Rick Facts and Promote School Health - Pharmacy Initiative | 131099 | 11/1/2013 | 6/29/2018 | $454,215 |
| Pharmacy Practice | Coleman, Craig | American Cancer Society, Inc./Griffin Hospital | American Cancer Society Training Grant | 140209 | 7/1/2013 | 6/30/2017 | $18,000 |
| Pharmacy Practice | Eyler, Rachel F | American Foundation for Pharmaceutical Education | AFPE Faculty Development Grant | 131092 | 11/1/2013 | 4/30/2015 | $25,000 |
| Pharmacy Practice | Nailor, Michael D | Merck and Company/Hartford Hospital | Clinical and Economic Outcomes of Patients Treated with Ertapenem for Infections Caused by AMP-C Beta-Lactamase Producing Enterobacteriaceae | 131213 | 6/3/2013 | 7/3/2014 | $10,299 |
| Pharmacy Practice | Smith, Marie A | CT Office of Health Reform and Innovation/CT Office of the Healthcare Advocate | CT SIM Practice Transformation Support | 141131 | 5/9/2014 | 1/31/2015 | $72,851 |
| Pharmacy Practice | Sobieraj, Diana | American Society of Nuclear Cardiology/Hartford Hospital | Are Echocardiography Staff Credentials an Indicator of Laboratory Quality? | 140436 | 10/1/2013 | 12/31/2014 | $13,600 |
| Pharmacy Practice | Wang, Fei | Hartford Hospital | Medical Office Survey on Patient Safety Culture | 131426 | 11/15/2011 | 10/15/2014 | $6,223 |
| Physics | Berrah, Nora | DOE/Department of Energy | Probing Complexity using the LCLS and the ALS | 141135 | 8/1/2014 | 7/31/2015 | $630,000 |
| Physics | Berrah, Nora | DOE/Department of Energy/Western Michigan University | Advanced Instrumentation for Ultrafast Science at the LCLS | 140684 | 1/1/2014 | 8/31/2015 | $713,600 |
| Physics | Berrah, Nora | DOE/Department of Energy/Western Michigan University | Probing Complexity Using the LCLS and the ALS | 140685 | 1/1/2014 | 12/31/2014 | $36,720 |
| Physics | Cormier, Vernon F | DOD/Air Force Research Laboratory | Optimization of Regional Monitoring from Combined Deterministic and Statistical Structure | 111173 | 5/30/2012 | 5/29/2015 | $305,062 |
| Physics | Cormier, Vernon F | NSF/GEO/Directorate for Geosciences | CSEDI Collaborative Research: Combined Geodynamical and Seismological Modeling of the Inner Core Boundary Region | 120224 | 5/1/2012 | 4/30/2016 | $239,604 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Physics | Cote, Robin J | DOD/Army | Research Area 7: Chemical Sciences (7.1 Molecular Dynamics) | 130723 | 6/25/2013 | 12/24/2015 | $449,310 |
| Physics | Cote, Robin J | DOD/Navy/Office of Naval Research/University of California at Los Angeles | Precision Chemical Sensing and Quantum Control of Ultracold Molecular Ion Reactions | 140628 | 7/15/2014 | 7/14/2015 | $362,000 |
| Physics | Cote, Robin J | NSF/MPS/Directorate for Mathematics and Physical Sciences | Scattering in Ultracold Samples | 110276 | 9/1/2011 | 8/31/2015 | $261,000 |
| Physics | Dunne, Gerald V | DOE/Department of Energy | Theoretical High Energy and Particle Physics | 130203 | 7/15/2013 | 3/31/2016 | $641,000 |
| Physics | Eyler, Edward E | NSF/MPS/Directorate for Mathematics and Physical Sciences | Slowing, Cooling, and Spectroscopy with Stimulated Optical Forces | 140410 | 8/15/2014 | 7/31/2017 | $401,861 |
| Physics | Eyler, Edward E | NSF/MPS/Directorate for Mathematics and Physical Sciences | Slowing, Cooling and Laser Spectroscopy of Helium Atoms and CaF Molecules | 110205 | 9/1/2011 | 8/31/2015 | $299,999 |
| Physics | Gai, Moshe | DHS/Department of Homeland Security/Yale University | Gamma Ray Imaging of Special Nuclear Materials with a Liquid Xenon Time Projection Chamber | 120523 | 10/1/2011 | 8/31/2015 | $363,361 |
| Physics | Gai, Moshe | DOE/Department of Energy | Studies in Low Energy Nuclear Physics | 100416 | 4/15/2010 | 4/14/2015 | $1,909,199 |
| Physics | Gai, Moshe | U.S.-Israel Binational Science Foundation | Measurement of Neutron Interactions With 7Be and the Primordial 7Li Problem | 130411 | 9/1/2013 | 8/31/2017 | $100,000 |
| Physics | Gibson, George N | NSF/MPS/Directorate for Mathematics and Physical Sciences | Coherent and Incoherent Control of Electronic, Vibrational, and Rotational Wavepackets with Ultrashort Laser Pulses | 100319 | 8/15/2010 | 7/31/2014 | $430,000 |
| Physics | Gibson, George N | NSF/MPS/Directorate for Mathematics and Physical Sciences | Studies of Molecules in Strong Laser Fields using Harmonic Generation and Ion Spectroscopy | 130452 | 8/15/2013 | 7/31/2015 | $300,000 |
| Physics | Gould, Phillip L | DOE/Department of Energy | Experiments in Ultracold Collisions and Ultracold Molecules | 100478 | 4/1/2010 | 3/31/2016 | $2,665,232 |
| Physics | Gould, Phillip L | NSF/MPS/Directorate for Mathematics and Physical Sciences | Interactions of Ultracold Rydberg Atoms | 040235-02 | 8/1/2009 | 10/31/2013 | $375,000 |
| Physics | Gould, Phillip L | U.S.-Israel Binational Science Foundation | Coherent and Incoherent Quantum Control of Ultracold Molecules in the Subnanosecond Regime | 130511 | 9/1/2013 | 8/31/2015 | $92,000 |
| Physics | Jain, Menka | NSF/MPS/Directorate for Mathematics and Physical Sciences | Multiferroicity in Perovskite-Type Rare-Earth Manganites | 130461 | 6/1/2013 | 5/31/2016 | $272,987 |
| Physics | Jain, Menka | NSF/MPS/Directorate for Mathematics and Physical Sciences | Nanocomposite Magnoelectric Films | 110447 | 6/1/2011 | 5/31/2014 | $169,731 |
| Physics | Javanainen, Juha M | NSF/MPS/Directorate for Mathematics and Physical Sciences | Optical Lattice Systems as a Laboratory for Quantum-Classical Crossover | 100285 | 9/15/2010 | 8/31/2014 | $225,000 |
| Physics | Jones, Richard T | DOE/Department of Energy/Sinmat, Inc. | Defect Free, Ultra-Rapid Thinning/Polishing of Diamond Crystal Radiator Targets (20 micrometers) for Highly Linearly Polarized Photon Beams | 120181 | 9/19/2011 | 2/28/2015 | $223,848 |
| Physics | Jones, Richard T | NSF/MPS/Directorate for Mathematics and Physical Sciences | Research and Education with GlueX | 120400 | 8/1/2012 | 7/31/2015 | $375,000 |
| Physics | Joo, Kyungseon | DOE/Department of Energy | U.S. Dept of Energy Intergovernmental Personnel Act | 130259 | 3/4/2013 | 3/3/2015 | $317,008 |
| Physics | Joo, Kyungseon | DOE/Department of Energy/Jefferson Science Associates, LLC | Ring Imaging Cherenkov Counter with CLAS12 | 130690 | 1/16/2013 | 1/15/2014 | $7,469 |
| Physics | Joo, Kyungseon | DOE/Department of Energy/Jefferson Science Associates, LLC | Ring Imaging Cherenkov Counter with CLAS 12 | 140675 | 11/14/2013 | 11/16/2015 | $46,250 |
| Physics | Puckett, Andrew | DOE/Department of Energy/Jefferson Science Associates, LLC | Experimental Nuclear Physics | 140087 | 10/18/2013 | 5/22/2015 | $339,811 |
| Physics | Schweitzer, Peter | DOE/Department of Energy/Jefferson Science Associates, LLC | Studies of Transversity using Frozen-Spin HD-ice Target | 130384 | 11/1/2012 | 9/30/2015 | $78,000 |
| Physics | Schweitzer, Peter | NSF/MPS/Directorate for Mathematics and Physical Sciences | Chiral Dynamics in the Nucleon Quark Sea | 140485 | 7/1/2014 | 6/30/2017 | $270,000 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Physics | Smith, Winthrop W | NSF/MPS/Directorate for Mathematics and Physical Sciences | Sympathetic Cooling and Collisions of Atomic and Molecular Ions with Ultracold Atoms | 090275 | 8/1/2009 | 7/31/2014 | $305,000 |
| Physics | Smith, Winthrop W | NSF/MPS/Directorate for Mathematics and Physical Sciences | Cold Atom-Ion Charge-Exchange and Internal Molecular-Ion Sympathetic Cooling in an Ion-Neutral Hyrbid Trap | 130418 | 9/1/2013 | 8/31/2015 | $148,208 |
| Physics | Stwalley, William C | NSF/MPS/Directorate for Mathematics and Physical Sciences | Formation, Dynamics, and Applications of Ultracold Molecules | 120378 | 9/1/2012 | 8/31/2015 | $460,000 |
| Physics | Wells, Barrett O | NSF/MPS/Directorate for Mathematics and Physical Sciences | Phase Separation and Magnetism in Strained Films of Transition Metal Oxides | 090439 | 6/1/2009 | 12/31/2013 | $370,000 |
| Physics | Yelin, Susanne | DOD/Air Force Office of Scientific Research | Production, Manipulation and Applications of Ultracold Polar Molecules | 090601 | 6/1/2009 | 1/31/2015 | $6,995,781 |
| Physics | Yelin, Susanne | DOD/Army/Massachusetts Institute of Technology | Multi-Qubit Enhanced Sensing and Metrology | 110456 | 9/1/2011 | 12/31/2014 | $256,250 |
| Physics | Yelin, Susanne | NSF/MPS/Directorate for Mathematics and Physical Sciences | Interactive Effects in Polar Molecules and other Dipolar Media | 100350 | 9/1/2010 | 8/31/2013 | $150,000 |
| Physics | Yelin, Susanne | NSF/MPS/Directorate for Mathematics and Physical Sciences | Cooperative and Nonlinear Quantum Optics in Dipolar Systems | 130424 | 9/1/2013 | 8/31/2015 | $120,000 |
| Physiology and Neurobiology | Cantino, Marie E | NSF/BIO/Directorate for Biological Sciences | MRI: Acquisition of a Field Emission Scanning Electron Microscope with Cryo Transfer and EDS Systems | 110739 | 9/1/2011 | 8/31/2014 | $597,600 |
| Physiology and Neurobiology | Chen, Xinnian | NSF/BIO/Directorate for Biological Sciences | REU Site: Research Experiences in Physiology and Neurobiology at UCONN | 130206 | 4/15/2013 | 3/31/2016 | $289,200 |
| Physiology and Neurobiology | Chen, Xinnian | NSF/EHR/Directorate for Education and Human Resources | Collaborative Research: Impact of the Summer Institutes on Faculty Teaching and Student Achievement | 130584 | 1/1/2014 | 12/31/2017 | $103,129 |
| Physiology and Neurobiology | Filipovic, Radmila | CT Department of Public Health/Connecticut Innovations, Inc | Generation of Layer V Pyramidal Neurons from Human Embryonic Stem Cells (hESC) | 100613 | 10/1/2010 | 10/1/2013 | $199,945 |
| Physiology and Neurobiology | Jackson, Alexander C | PHS/NIH/National Institute of Mental Health | Synaptic Mechanisms of Hypothalamic Control of Vigilance and Cognitive Function | 131442 | 9/23/2013 | 8/31/2016 | $747,000 |
| Physiology and Neurobiology | Kanadia, Rahul N | PHS/NIH/National Eye Institute | The Role of Alternative Splicing Factor SFRS10 in Neural Development | 110083 | 2/1/2011 | 1/31/2014 | $637,279 |
| Physiology and Neurobiology | Loturco, Joseph J | CT Department of Public Health/Connecticut Innovations, Inc | Synaptic Replenishment Through Embryonic Stem Cell-Derived Neurons in a Transgenic Mouse Model of Alzheimer's Disease | 080325 | 1/1/2009 | 12/31/2013 | $449,832 |
| Physiology and Neurobiology | Loturco, Joseph J | PHS/NIH/National Institute of Child Health and Human Development | Dyslexia Susceptibility Genes and Mechanisms of Neuronal Development | 070827 | 3/1/2008 | 1/31/2014 | $1,622,615 |
| Physiology and Neurobiology | Loturco, Joseph J | PHS/NIH/National Institute of Child Health and Human Development/Beth Israel Deaconess Medical Center | Function of Dyslexia Associated Genes in the Development of Synaptic Circuits; and, Mouse Research Core | 090240 | 9/15/2009 | 6/30/2015 | $1,613,614 |
| Physiology and Neurobiology | Loturco, Joseph J | PHS/NIH/National Institute of Mental Health | MOLECULAR MECHANISMS OF NEOCORTICAL<br><br>NEUROGENESIS | 020017-01 | 9/1/2008 | 8/31/2014 | $1,712,491 |
| Physiology and Neurobiology | Mulkey, Daniel K | PHS/NIH/National Heart, Lung, and Blood Institute | Glial Chemosensitivity: pH Sensing and Interactions with Neuronal Chemoreceptors | 100378 | 6/23/2010 | 7/30/2015 | $1,857,524 |
| Physiology and Neurobiology | Nishiyama, Akiko | National Multiple Sclerosis Society | Promoting Remyelination by Endogenous NG2 Cells | 110767 | 9/30/2011 | 9/30/2014 | $103,126 |
| Physiology and Neurobiology | Nishiyama, Akiko | PHS/NIH/National Institute of Neurological Disorders and Stroke | Heterogeneity of NG2 Glial Cells | 120903 | 9/1/2012 | 5/31/2017 | $1,710,521 |
| Physiology and Neurobiology | Nishiyama, Akiko | PHS/NIH/National Institute of Neurological Disorders and Stroke | Inflammation and NG2 Cell Differentiation | 110467 | 6/15/2011 | 5/31/2016 | $1,866,653 |
| Physiology and Neurobiology | Nishiyama, Akiko | PHS/NIH/National Institute of Neurological Disorders and Stroke | Leica TCS SP8 FSU AOBS 405 UV Spectral Confocal Microscope | 131047 | 5/1/2014 | 4/30/2015 | $456,323 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Physiology and Neurobiology | Renfro, James L | NSF/BIO/Directorate for Biological Sciences | Choroid Plexus Control of Cerebrospinal Fluid Inorganic Phosphate | 040631-01 | 1/1/2009 | 1/31/2015 | $443,783 |
| Physiology and Neurobiology | Tzingounis, Anastasios | DOD/Army/MedicalResearch and Materiel Command/University of Pittsburgh | Development of Therapeutic Drugs that Prevent the Triggering of Tinnitus | 131073 | 7/1/2014 | 6/30/2015 | $2,419 |
| Physiology and Neurobiology | Tzingounis, Anastasios | PHS/NIH/National Institute of Neurological Disorders and Stroke | Cellular Physiology of Epilepsy-Associated KCNQ2 Channels | 110511 | 3/1/2011 | 2/29/2016 | $1,564,706 |
| Physiology and Neurobiology | Walikonis, Randall S | Whitehall Foundation | Regulation of Dendritic Spines by the BRAG Arf-GEFs | 101303 | 8/23/2010 | 9/3/2014 | $218,444 |
| Physiology and Neurobiology | Wang, Li | American Heart Association | Function of microRNA in Adipogenesis | 141499 | 7/1/2014 | 12/31/2014 | $77,635 |
| Physiology and Neurobiology | Wang, Li | American Heart Association | Novel miRNA Mediated Regulation of Obesity | 141493 | 7/1/2014 | 12/31/2014 | $23,500 |
| Plant Science and Landscape Architecture | Auer, Carol A | USDA/CSREES | Predicting Ecological Risk from Perennial Grasses Engineered for Biofuels and Turf | 080753 | 9/1/2008 | 8/31/2013 | $300,000 |
| Plant Science and Landscape Architecture | Auer, Carol A | USDA/National Institute of Food and Agriculture | Perennial Grasses for Bioenergy: Pollen Aerobiology, Biocontainment and Plant Genetics | 110764 | 9/1/2011 | 8/31/2015 | $306,023 |
| Plant Science and Landscape Architecture | Berkowitz, Gerald | NSF/BIO/Directorate for Biological Sciences | Translating Extracellular Ligand Perception into a Cytosolic Ca2+ Signal: Characterizing the Role Plant Elicitor Peptides and their Receptor Play in Innate Immune Responses | 120006 | 4/15/2012 | 3/31/2016 | $492,000 |
| Plant Science and Landscape Architecture | Brand, Mark H | USDA/Agricultural Research Service | Investigating Berberis Hybrids for Susceptibility to Stern Rust | 130243 | 9/25/2012 | 9/30/2013 | $5,000 |
| Plant Science and Landscape Architecture | Brand, Mark H | USDA/CSREES/University of Vermont | Aronia Berries: A Profitable Nutraceutical Crop for the Northeast | 090404 | 5/15/2009 | 11/30/2013 | $151,821 |
| Plant Science and Landscape Architecture | Brand, Mark H | USDA/Foreign Agricultural Service | Technical Assistance to Nursery Industry for Developing Protocols for Quality Assurance of Ornamental Barberry Plant Exports through Molecular Typing | 100376 | 10/1/2009 | 9/30/2013 | $150,000 |
| Plant Science and Landscape Architecture | Concklin, Mary | USDA/Department of Agriculture/CT Department of Agriculture | Trap Cropping for Spotted Wing Drosophila Control | 131340 | 11/18/2013 | 9/28/2016 | $15,796 |
| Plant Science and Landscape Architecture | Concklin, Mary | USDA/National Institute of Food and Agriculture/University of Vermont | Investigating Forage Radish and Compost as a Means of Alleviating Soil Compaction in Post-Plant Bramble and Blueberry Fields | 130391 | 2/25/2013 | 12/31/2015 | $14,958 |
| Plant Science and Landscape Architecture | Ellis, Donna R | USDA/Animal and Plant Health Inspection Service/CT Agricultural Experiment Station | Cooperative Agricultural Pest Survey: Bundled Tree Pest Survey | 130672 | 1/1/2013 | 12/31/2013 | $8,298 |
| Plant Science and Landscape Architecture | Ellis, Donna R | USDA/National Institute of Food and Agriculture | Connecticut Extension Integrated Pest Management Program | 131140 | 9/1/2013 | 8/31/2015 | $577,000 |
| Plant Science and Landscape Architecture | Guillard, Karl | New England Regional Turfgrass Foundation | Using the Solvita Soil CO2-Burst and Soil LaBile Amino Nitrogen Test Kits to Categorize Turfgrass Site Responsiveness to<br><br>Nitrogen Fertilization | 140595 | 5/1/2014 | 12/31/2015 | $13,806 |
| Plant Science and Landscape Architecture | Guillard, Karl | USDA/Natural Resources Conservation Service/University of Rhode Island | Pilot Testing of Objective Methods to Guide Nitrogen Fertilization of Turf Sod | 100322 | 11/1/2009 | 9/1/2013 | $19,000 |
| Plant Science and Landscape Architecture | Henderson, Jason | EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection | Organic Turf and No-Pesticide Turf Demonstration Project for Lawns and Athletic Fields | 120240 | 5/1/2014 | 6/30/2016 | $145,667 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Plant Science and Landscape Architecture | Henderson, Jason | New England Regional Turfgrass Foundation | Evaluating Alternative Pesticide-Free Athletic Field Management Strategies for New England | 130700 | 5/1/2013 | 4/30/2015 | $44,880 |
| Plant Science and Landscape Architecture | Henderson, Jason | New England Regional Turfgrass Foundation | Optimizing Pregermination Techniques for Four Turfgrass Species | 120607 | 4/1/2012 | 9/30/2013 | $8,000 |
| Plant Science and Landscape Architecture | Henderson, Jason | New England Regional Turfgrass Foundation | The Effect of Natural Playing Surfaces on Athletic Performance | 120609 | 4/1/2012 | 9/30/2013 | $10,000 |
| Plant Science and Landscape Architecture | Henderson, Jason | Noer(O.J.) Research Foundation | Quantifying Sand Particle Shape and Particle Size Distribution: Resultant Effects of Root Zone Stiffness and Root Viability | 100653 | 8/18/2011 | 8/17/2015 | $30,000 |
| Plant Science and Landscape Architecture | Inguagiato, John C | New England Regional Turfgrass Foundation | Development of Golf Course Fairway Renovation Strategies to Transition to More Sustainable Cool-Season Turfgrasses | 140714 | 5/1/2014 | 12/31/2016 | $20,313 |
| Plant Science and Landscape Architecture | Inguagiato, John C | New England Regional Turfgrass Foundation | Cultivation and Manganese Application Effects on Summer Patch Severity in Compacted and Non-compacted Turfgrass Areas | 110640 | 5/1/2011 | 11/30/2013 | $34,974 |
| Plant Science and Landscape Architecture | Kuzovkina-Eischen, Yulia A | DOE/Department of Energy/South Dakota State University | Willow Biomass Crop Feedstock Development Plan for the Northeast and Midwest U.S. | 090609 | 1/1/2009 | 9/30/2015 | $160,000 |
| Plant Science and Landscape Architecture | Kuzovkina-Eischen, Yulia A | New England Transportation Consortium/University of Vermont | Effective Establishment of Native Grasses on Roadsides | 131319 | 9/1/2013 | 2/28/2016 | $80,000 |
| Plant Science and Landscape Architecture | Kuzovkina-Eischen, Yulia A | USDA/National Institute of Food and Agriculture | From Problem to Resource: An Integrated Training Approach to Biologic Systems Management | 101217 | 12/15/2010 | 12/14/2015 | $240,000 |
| Plant Science and Landscape Architecture | Legrand, Ana | USDA/CSREES/CT Agricultural Experiment Station | Development and On-Farm Training of Biologically Based Methods for Integrated Crop Management of Stone Fruits in New England | 090402 | 5/15/2009 | 10/31/2013 | $96,137 |
| Plant Science and Landscape Architecture | Li, Yi | Citrus Research and Development Foundation | Development of Technologies Important for Transgenic HLB Resistant Citrus | 130573 | 5/1/2013 | 4/30/2015 | $229,683 |
| Plant Science and Landscape Architecture | Li, Yi | Reliance Botanics | Development of a Strategy to Create Plants Resistant to Animal Herbivory | 121050 | 6/15/2012 | 6/14/2016 | $673,000 |
| Plant Science and Landscape Architecture | Li, Yi | USDA/Department of Agriculture/CT Department of Agriculture | Development of Sterile, Non-Invasive Burning Bush (Euonymus alatus 'Compactus") for the Connecticut and United States Green Industry | 131342 | 12/18/2013 | 9/28/2016 | $44,709 |
| Plant Science and Landscape Architecture | Li, Yi | USDA/National Institute of Food and Agriculture | Reducing Root Suckering of Transgenic Poplar | 101019 | 9/1/2010 | 8/31/2015 | $400,000 |
| Plant Science and Landscape Architecture | Lubell-Brand, Jessica D | USDA/Department of Agriculture/CT Department of Agriculture | Developing Production Systems for Novel and Adaptable Native Shrubs to Profit the Nursery Industry | 121108 | 2/14/2013 | 9/29/2015 | $51,899 |
| Plant Science and Landscape Architecture | Lubell-Brand, Jessica D | USDA/Department of Agriculture/CT Department of Agriculture | Evaluating Landscape Adaptability of Novel Native Shrubs as Alternatives to Invasive Exotics for the Nursery Industry | 100941 | 10/1/2010 | 9/30/2013 | $55,892 |
| Plant Science and Landscape Architecture | Lubell-Brand, Jessica D | USDA/National Institute of Food and Agriculture/University of Vermont | Developing Adaptable Native Shrubs for the Green Industry | 130458 | 8/10/2013 | 10/31/2016 | $58,347 |
| Plant Science and Landscape Architecture | Morris, Thomas F | Environmental Defense | Adaptive Nutrient Management | 121190 | 10/1/2012 | 11/30/2014 | $187,100 |
| Plant Science and Landscape Architecture | Morris, Thomas F | Environmental Defense | Adaptive Nutrient Management | 120386 | 12/2/2011 | 11/30/2013 | $53,524 |
| Plant Science and Landscape Architecture | Morris, Thomas F | EPA/Environmental Protection Agency/CT Department of Energy and Environmental Protection | AFO/CAFO Project Series | 111068 | 7/1/2011 | 9/30/2013 | $69,000 |
| Plant Science and Landscape Architecture | Morris, Thomas F | EPA/Environmental Protection Agency/Environmental Defense | Bay Farms On-Farm Network | 090817 | 10/1/2009 | 9/30/2013 | $44,430 |
| Plant Science and Landscape Architecture | Rackliffe, Steven | National Turfgrass Evaluation Program | 2012 National Tall Fescue Test | 130816 | 10/1/2012 | 10/1/2017 | $7,500 |

# Academic Year 2013-2014 Active Research Projects

| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Plant Science and Landscape Architecture | Raudales Banegas, Rosa E | Gloeckner (Fred C.) Foundation, Inc. | Quantification and Remediation of Paclobutrazol in Sub-Irrigation | 141194 | 4/11/2014 | 5/30/2015 | $7,000 |
| Political Science | Boyer, Mark A | International Studies Association | International Studies Association (isanet.org) Executive Headquarters | 150036 | 7/1/2014 | 9/1/2015 | $68,444 |
| Political Science | Cai, Meina | Koch (Charles) Foundation | Land-Locked Development: The Local Political Economy of Institutional Change in China | 141202 | 5/1/2014 | 8/31/2015 | $2,500 |
| Psychology | Astur, Robert | DOD/Navy/Naval Submarine Medical Research Laboratory/Leidos | Resiliency Analysis Support | 131334 | 5/23/2013 | 8/31/2013 | $5,000 |
| Psychology | Barnes-Farrell, Janet L | Alpha Foundation/University of CT Health Center | The Mining Health Workplace Program (MHWP) | 140101 | 11/1/2013 | 10/31/2015 | $64,536 |
| Psychology | Barnes-Farrell, Janet L | DOT/Federal Railroad Administration | FY14 Short Line Railroad Safety Institute Assessment Tools and Program Development | 141489 | 6/16/2014 | 6/16/2017 | $100,000 |
| Psychology | Barnes-Farrell, Janet L | DOT/Federal Railroad Administration | Strategic Job Analysis | 120080 | 9/1/2011 | 6/1/2014 | $148,806 |
| Psychology | Barnes-Farrell, Janet L | Liberty Mutual Insurance | IPAC Field Research Training | 130160 | 8/22/2012 | 8/31/2014 | $48,205 |
| Psychology | Barnes-Farrell, Janet L | PHS/CDC/National Institute for Occupational Safety and Health/University of Massachusetts at Lowell | The Role of Work- and Home- Related Rumination in Commuting Stress and Commuting Safety Behaviors | 140625 | 3/20/2014 | 3/14/2015 | $10,000 |
| Psychology | Barnes-Farrell, Janet L | PHS/Centers for Disease Control and Prevention/University of CT Health Center | Aging, Musculoskeletal Health and Work Capacity | 071088 | 9/1/2008 | 8/31/2014 | $214,845 |
| Psychology | Bortfeld, Heather | PHS/NIH/National Institute on Deafness and Other Communication Disorders/Stanford University | Outcomes in Children with Mental Retardation & Deafness: A Randomized Trial | 110351 | 9/1/2010 | 8/31/2015 | $158,315 |
| Psychology | Carello, Claudia A | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Haptic Perceptual Instruments | 090726 | 10/1/2009 | 9/30/2013 | $408,759 |
| Psychology | Chen, Chi-Ming | Brain and Behavior Research Foundation | Investigation and Treatment of Auditory Verbal Hallucinations in Schizophrenia | 130734 | 1/15/2014 | 1/14/2016 | $60,000 |
| Psychology | Chrobak, James J | NSF/BIO/Directorate for Biological Sciences | Theta and Gamma Coherence: Entorhinal Cortical Influences on the Septotemporal Axis of the Hippocampus | 090621 | 9/15/2009 | 8/31/2013 | $332,306 |
| Psychology | Coppola, Marie | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences/University of Chicago | A Typological Analysis of Handshape: Gesture, Homesign and Sign Language | 120596 | 9/15/2012 | 8/31/2017 | $84,459 |
| Psychology | Cruess, Dean G | PHS/NIH/National Institute of Mental Health | Internet-Based STI/HIV Prevention for HIV+ Internet Users | 101167 | 12/1/2010 | 11/30/2014 | $667,830 |
| Psychology | Cuevas, Kimberly S | PHS/National Institutes of Health/Southern CT State University | Neurobiological Signatures of Perception and Imitation of AV Speech in ASD | 131404 | 5/1/2014 | 4/30/2017 | $68,597 |
| Psychology | Dixon, James A | NSF/OD | INSPIRE Track 1: Development of Perception-Action in Non-Living Dissipative Systems | 131254 | 9/15/2013 | 8/31/2016 | $800,000 |
| Psychology | Fein, Deborah A | Autism Speaks | Screening, Diagnosis and Parent Training for Young Children with ASD in Albania | 120103 | 4/1/2012 | 3/31/2015 | $199,909 |
| Psychology | Fein, Deborah A | PHS/NIH/National Institute of Child Health and Human Development | Early Detection of Pervasive Developmental Disorders | 010848-01 | 1/1/2009 | 9/23/2014 | $5,410,599 |
| Psychology | Fein, Deborah A | PHS/NIH/National Institute of Mental Health | Teaching Skills to Toddlers: A Program for Caregivers | 101378 | 5/27/2011 | 1/31/2016 | $672,232 |
| Psychology | Fisher, Jeffrey D | PHS/NIH/National Institute of Mental Health | Exclusive Breastfeeding Promotion among HIV+ Mothers: A Theory-Based Approach | 121106 | 9/24/2012 | 9/23/2015 | $127,140 |
| Psychology | Fitch, Roslyn H | PHS/NIH/National Institute of Child Health and Human Development/Beth Israel Deaconess Medical Center | Project 3-Multi-Level Functional Studies of Candidate Dyslexia Susceptibility Genes in the Rat | 090224 | 9/15/2009 | 6/30/2015 | $647,818 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Psychology | Gibbons, Frederick | PHS/NIH/National Cancer Institute/University of Hawaii | Self-control as a Moderator for Effects of Mass Media on Adolescent Substance Use | 130295 | 9/1/2012 | 4/30/2015 | $327,963 |
| Psychology | Gibbons, Frederick | PHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/University of Georgia | Social Determinants of Inflammation and Metabolic Syndrome among African American | 130841 | 3/1/2014 | 2/28/2015 | $141,989 |
| Psychology | Gibbons, Frederick | PHS/NIH/National Institute on Drug Abuse | Factors Influencing the Health Behavior of Young African American Adults | 130339 | 8/23/2012 | 6/30/2014 | $1,251,386 |
| Psychology | Gibbons, Frederick | PHS/NIH/National Institute on Drug Abuse/George Washington University | Discrimination, Drug Use, & Risky Sex Cognitions Amoung Young African Americans | 130123 | 8/1/2012 | 7/31/2014 | $96,930 |
| Psychology | Gorin, Amy | DOD/Navy/Naval Submarine Medical Research Laboratory/Leidos | Understanding Barriers to Weight Control in Submariners and their Families | 130345 | 9/30/2012 | 8/31/2014 | $78,014 |
| Psychology | Gorin, Amy | PHS/National Institutes of Health/CT Childrens Medical Center | Early Childhood Obesity Prevention: Building Healthier Families & Communities | 121344 | 7/1/2013 | 3/31/2015 | $58,444 |
| Psychology | Gorin, Amy | PHS/National Institutes of Health/Drexel University | Environmental and Acceptance-Based Innovations for Weight Loss Maintenance | 110926 | 9/15/2011 | 6/30/2016 | $95,838 |
| Psychology | Gorin, Amy | University of CT Health Center | Thinking Big about Obesity: Building Team Science Initiatives at UConn and UCHC | 140888 | 12/1/2013 | 6/30/2015 | $30,000 |
| Psychology | Green, James A | Haskins Laboratories | Haskins Administrative Supplement-Kenneth Pugh Ph.D. | 150109 | 8/23/2014 | 8/22/2015 | $24,650 |
| Psychology | Green, James A | Haskins Laboratories | Administrative Supplement for Kenneth Pugh, Ph.D. | 140360 | 8/23/2013 | 8/22/2014 | $20,515 |
| Psychology | Green, James A | Yale University | Yale Release Time - Kenneth Pugh | 150110 | 8/23/2014 | 8/22/2015 | $123,248 |
| Psychology | Green, James A | Yale University | Release Time for Funding for Kenneth Pugh, Ph.D. | 140359 | 8/23/2013 | 8/22/2014 | $102,573 |
| Psychology | Henning, Robert A | PHS/CDC/National Institute for Occupational Safety and Health/University of Massachusetts at Lowell | The Feasibility and Short-term Impact of an Online PExHP Program for Workplace Health Protection/Promotion | 130568 | 8/1/2013 | 9/30/2014 | $11,000 |
| Psychology | Johnson, Blair T | PHS/NIH/National Institute of Mental Health | Syntheses of HIV Prevention Research, Phase III | 020016-01 | 2/1/2009 | 2/28/2015 | $2,829,419 |
| Psychology | Johnson, Blair T | PHS/NIH/National Institute on Alcohol Abuse and Alcoholism/Miriam Hospital | Alcohol Consumption and HIV Behavior: Evaluating the Evidence | 120584 | 9/1/2012 | 5/31/2016 | $78,636 |
| Psychology | Kalichman, Seth C | Gates (Bill and Melinda) Foundation | Establishing an Anti-Vaccine Surveillance and Alert System | 121069 | 5/1/2012 | 10/31/2013 | $100,000 |
| Psychology | Kalichman, Seth C | PHS/National Institutes of Health/Brown University | Brief Alcohol Interventions by Counselor and Computer | 120136 | 12/1/2011 | 6/30/2014 | $597,451 |
| Psychology | Kalichman, Seth C | PHS/NIH/National Institute of Child Health and Human Development | Enhanced STI/NIH Partner Notification in South Africa | 130187 | 4/1/2013 | 1/31/2018 | $2,849,579 |
| Psychology | Kalichman, Seth C | PHS/NIH/National Institute of Mental Health | HIV Treatment Adherence Intervention for People with Poor Literacy Skills | 070865 | 2/15/2008 | 1/31/2014 | $2,729,710 |
| Psychology | Kalichman, Seth C | PHS/NIH/National Institute of Mental Health | Training in Social Processes of HIV/AIDS | 110143 | 7/1/2011 | 6/30/2016 | $1,447,850 |
| Psychology | Kalichman, Seth C | PHS/NIH/National Institute of Nursing Research | Nurse Delivered Cell-Phone HIV Adherence Intervention | 110337 | 3/17/2011 | 1/31/2016 | $2,626,815 |
| Psychology | Kalichman, Seth C | PHS/NIH/National Institute on Alcohol Abuse and Alcoholism | Multilevel Alcohol-HIV/AIDS Prevention in South Africa | 070938 | 9/30/2007 | 8/31/2013 | $3,011,785 |
| Psychology | Kalichman, Seth C | PHS/NIH/National Institute on Alcohol Abuse and Alcoholism | Influence of Food Insecurity on Adherence | 130703 | 9/15/2013 | 8/31/2016 | $950,251 |
| Psychology | Kalichman, Seth C | PHS/NIH/National Institute on Alcohol Abuse and Alcoholism | Alcohol-Related HIV Risks Among South African Women | 080934 | 9/30/2008 | 8/31/2014 | $2,977,426 |
| Psychology | Kalichman, Seth C | PHS/NIH/National Institute on Drug Abuse | Behavioral Intervention to Enhance HIV Test/Treat | 111083 | 2/1/2012 | 1/31/2017 | $3,303,806 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Psychology | Landi, Nicole | PHS/NIH/National Institute on Drug Abuse/Yale University | Neurobiology of Language Function in Adolescents Exposed to Cocaine in Utero | 140027 | 8/28/2013 | 7/31/2014 | $51,235 |
| Psychology | Large, Edward W | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Neurodynamics of Tonality | 140214 | 8/17/2013 | 7/31/2014 | $18,291 |
| Psychology | Magnuson, James S | NSF/EHR/Directorate for Education and Human Resources | IGERT:Language Plasticity - Genes, Brain, Cognition, and Computation | 111346 | 7/1/2012 | 6/30/2017 | $3,000,000 |
| Psychology | Magnuson, James S | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | CAREER: The Time Course of Bottom-Up and Top-Down Integration in Language Understanding | 080061 | 3/15/2008 | 8/31/2014 | $400,005 |
| Psychology | Magnuson, James S | PHS/NIH/National Institute of Child Health and Human Development/Haskins Laboratories | Individual Differences in Learning Potential for Language and Literacy | 121324 | 4/1/2013 | 3/30/2014 | $321,551 |
| Psychology | Magnuson, James S | PHS/NIH/National Institute on Deafness and Other Communication Disorders/Albert Einstein Healthcare Network (AEHN)\Moss Rehabilitation Research Institute | Dynamics of Spoken Word Comprehension in Aphasia | 100573 | 6/1/2010 | 8/31/2013 | $205,717 |
| Psychology | Magnuson, James S | PHS/NIH/National Institute on Deafness and Other Communication Disorders/Drexel University | Dynamics of Spoken Word Comprehension in Aphasia | 131399 | 9/1/2013 | 5/31/2015 | $74,330 |
| Psychology | Marsh, Kerry L | PHS/NIH/National Institute of Mental Health | Implicit Attitudes and HIV Risk Behavior in Virtual Environments | 080177 | 5/12/2008 | 4/30/2014 | $2,409,517 |
| Psychology | Naigles, Letitia | PHS/NIH/National Institute on Deafness and Other Communication Disorders | Language Development and Outcome in Children with Autism | 050296-01 | 7/1/2008 | 6/30/2015 | $2,056,447 |
| Psychology | Park, Crystal | PHS/NIH/National Cancer Institute | Targeting the Teachable Moment: A Lifestyle Intervention for Breast Cancer Survivors | 101440 | 4/1/2011 | 3/31/2015 | $384,730 |
| Psychology | Park, Crystal | PHS/NIH/National Center for Complementary and Alternative Medicine | Development of a Translational Tool to Study Yoga Therapy | 101032 | 9/29/2010 | 8/31/2015 | $2,695,643 |
| Psychology | Park, Crystal | PHS/NIH/National Center for Complementary and Alternative Medicine/Massachusetts General Hospital | Preliminary Study of a Yoga Program to Catalyze Health Behavior Change | 140272 | 9/1/2013 | 6/30/2015 | $356,253 |
| Psychology | Park, Crystal | Templeton (John) Foundation | Religion/Spirituality and Congestive Heart Failure: Physiological Pathways of Health | 110233 | 2/1/2011 | 1/31/2014 | $200,000 |
| Psychology | Park, Crystal | VA/Connecticut Healthcare System | Gender Differences in Addictive Behaviors Among Returning Veterans | 110995 | 1/1/2011 | 12/31/2014 | $61,205 |
| Psychology | Park, Crystal | VA/Providence Medical Center | Study Of Returning Veterans (SERV) | 120284 | 11/29/2011 | 8/31/2016 | $168,010 |
| Psychology | Pratto, Felicia | American Psychological Association | Peace Psychology Research, Education, or Community Projects | 121192 | 8/23/2013 | 3/15/2015 | $1,474 |
| Psychology | Read, Heather L | NSF/BIO/Directorate for Biological Sciences | Cortical Specializations for Behavioral Discrimination of Temporal Shape and Rhythm of Sound | 140081 | 8/15/2014 | 7/31/2018 | $680,000 |
| Psychology | Salamone, John D | PHS/NIH/National Institute of Mental Health | Development of Rat Models of the Effort-Related Symptoms of Depression | 120009 | 2/15/2012 | 1/31/2014 | $150,595 |
| Psychology | Salamone, John D | Prexa Pharmaceuticals | Effort-Related Motivational Effects of PREXA Compounds in Rats | 141077 | 3/17/2014 | 12/31/2014 | $38,641 |
| Psychology | Salamone, John D | Shire | Drug Treatment for Motivational Symptoms of Depression | 140691 | 1/31/2014 | 12/31/2014 | $70,000 |
| Psychology | Smith, Rhiannon L | CT Childrens Medical Center | RA Position for Kaitlyn Flannery at CCMC | 150087 | 8/23/2014 | 8/22/2015 | $41,222 |
| Psychology | Swadlow, Harvey A | PHS/NIH/National Eye Institute | Cortical Processing of Visual Information During Alert and Non-Alert Brain States | 110920 | 5/1/2012 | 4/30/2015 | $1,182,084 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Psychology | Tabor, Whitney | NSF/National Science Foundation/University of Illinois | CREATIV: Asynchronous Communication, Self-organization, and Differentiation in Human and Insect Network | 121216 | 9/1/2012 | 8/31/2015 | $320,984 |
| Psychology | Tabor, Whitney | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Dynamical Analysis of Language Structure and Learning | 110115 | 4/1/2011 | 3/31/2015 | $273,729 |
| Psychology | Volgushev, Maksim A | PHS/NIH/National Institute of Mental Health | The Role of Heterosynaptic Plasticity in Achieving Stable Yet Adaptable Memories | 100494 | 7/1/2010 | 3/31/2016 | $1,889,130 |
| Psychology | Wargo Aikins, Julie | DOD/Army | Optimizing and Validating a Brief Assessment for Identifying Children of Service Members at Risk for Psychological Health Problems following Parent Deployment | 120272 | 6/15/2012 | 8/31/2013 | $1,416,671 |
| Psychology | Wargo Aikins, Julie | DOD/Army/MedicalResearch and Materiel Command | Child Adjustment to Parental Combat Deployment: Risk and Resilience Models | 090305 | 9/1/2009 | 3/31/2014 | $204,244 |
| Public Policy | Raissian, Kerri M | PHS/Department of Health and Human Services/Institute for Research on Poverty | Evaluating Differential Response in Child Welfare: An Intervention to Interrupt Child Maltreatment and Poverty? | 141085 | 6/13/2014 | 9/29/2014 | $20,000 |
| School of Education Office of Dean | Chafouleas, Sandra M | ED/Institute of Education Sciences | Exploring the Status and Impact of School-Based Behavior Screening Practices in a National Sample: Implications for Systems, Policy and Research | 140165 | 7/1/2014 | 6/30/2017 | $1,599,990 |
| School of Education Office of Dean | Chafouleas, Sandra M | ED/Institute of Education Sciences | Project Viable-II: Unified Validation of Direct Behavior Rating (DBR) in a Problem-Solving Model | 101363 | 7/1/2011 | 6/30/2015 | $2,332,829 |
| School of Engineering Office of Dean | Accorsi, Michael L | Connecticut Innovations, Inc | Catalyzing Additive Manufacturing Innovation in Connecticut | 140180 | 12/1/2013 | 11/30/2015 | $75,000 |
| School of Engineering Office of Dean | Accorsi, Michael L | DHS/Department of Homeland Security | Training and Research for Advanced National Security for Inter-Modal Transportation | 081061 | 7/1/2008 | 12/31/2014 | $4,119,565 |
| School of Engineering Office of Dean | Accorsi, Michael L | DHS/Department of Homeland Security | UConn HS-STEM Program in Infrastructure Protection | 110852 | 9/1/2011 | 8/31/2015 | $500,000 |
| School of Engineering Office of Dean | Accorsi, Michael L | DHS/Transportation Security Administration | Task Order Request for Quote (RFQ) HSTS02-13-Q-OIA502 | 131102 | 8/20/2013 | 7/6/2016 | $377,560 |
| School of Engineering Office of Dean | Accorsi, Michael L | ED/Office of Postsecondary Education | Engineering Next Generation Infrastructure: National Excellence in Education and Research | 120686 | 8/18/2014 | 8/17/2017 | $951,078 |
| School of Engineering Office of Dean | Accorsi, Michael L | U.S. Agency for International Development/American Council on Education | The Ethiopian-U.S. Partnership in Sustainable Water Resources: Capacity Building in Education, Research and Outreach | 110099 | 1/14/2011 | 6/30/2015 | $2,456,285 |
| School of Engineering Office of Dean | Bozorgmanesh, Hadi | Connecticut Innovations, Inc | The Third Bridge | 140424 | 12/1/2013 | 11/30/2016 | $574,973 |
| School of Engineering Office of Dean | Erickson, Joy P | NASA/National Aeronautics & Space Administration/University of Hartford | High Density Thermal Barrier Coatings for Gas Turbine Engines; Stephen Maric | 131016 | 1/1/2013 | 12/31/2013 | $5,000 |
| School of Engineering Office of Dean | Erickson, Joy P | NASA/National Aeronautics & Space Administration/University of Hartford | Oxygen Generation from Water and Carbon Dioxide by Chemical Looping with Oxygen Coupling - Ari Fischer | 140706 | 2/3/2014 | 12/12/2014 | $5,000 |
| School of Engineering Office of Dean | Kazerounian, Kazem | CT Department of Economic and Community Development | Collaboration on the Connecticut Prototype Program | 131192 | 6/1/2013 | 5/31/2015 | $600,000 |
| School of Engineering Office of Dean | Kazerounian, Kazem | ENN Group | ENN & The University of Connecticut School of Engineering Graduate Education & Research in Sustainable Energy | 101322 | 3/1/2010 | 8/22/2015 | $1,580,204 |
| School of Engineering Office of Dean | Kazerounian, Kazem | NSF/ENG/Directorate for Engineering | CAREER: Hierachies of Repair in Damaged Bone - A Role for Osteocytes | 090067 | 7/1/2009 | 6/30/2014 | $430,000 |
| School of Engineering Office of Dean | Kazerounian, Kazem | NSF/ENG/Directorate for Engineering | RET in Engineering and Computer Science Site: The Joule Fellows: Teachers in Sustainable Technlogies Research Laboratories | 140367 | 5/15/2014 | 4/30/2017 | $496,129 |

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|---|---|---|---|---|---|---|---|
| School of Engineering Office of Dean | Mhadeshwar, Ashish | American Chemical Society/Petroleum Research Fund | Modeling Catalyst Deactivation due to Sulfation during Emission-s Oxidation from Diesel Engine Exhaust | 120423 | 9/1/2012 | 8/31/2014 | $0 |
| School of Engineering Office of Dean | Wei, Mei | NSF/ENG/Directorate for Engineering | EAGER: Fabrication of Self-Powered Scaffolds for Enhanced Bone Repair | 131437 | 9/1/2013 | 8/31/2015 | $236,673 |
| School of Engineering Office of Dean | Wei, Mei | NSF/ENG/Directorate for Engineering | Repair and Regeneration of Osteochondral Defects in Mouse Articular Joints | 110817 | 9/1/2011 | 8/31/2015 | $358,123 |
| School of Engineering Office of Dean | Wei, Mei | NSF/ENG/Directorate for Engineering | PFI:AIR-TT: Prototyping Bioabsorbable Composites for Bone-Fixation Applications Involving Low to Medium Loads | 140477 | 5/1/2014 | 10/31/2015 | $199,999 |
| School of Engineering Office of Dean | Wei, Mei | NSF/ENG/Directorate for Engineering | I-Corps: Novel Apatite/Collagen Scaffolds for Bone Repair | 121127 | 7/1/2012 | 12/31/2013 | $50,000 |
| School of Engineering Office of Dean | Wei, Mei | PHS/NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases | 4-D Imaging Cell/Scaffold Interplays during in vivo Bone Repair Process | 110021 | 4/15/2011 | 3/31/2014 | $382,113 |
| School of Law Instruction and Research | Jimenez, Dalie | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences | Collaborative Research: Lay Deployment of Professional Legal Knowledge | 140750 | 8/1/2014 | 7/31/2017 | $45,841 |
| School of Law Instruction and Research | Wilson, Richard A | Institute for Advanced Study | A Violent Instrument? The Social Science and Law of Speech Crimes | 140582 | 8/23/2014 | 5/22/2015 | $60,000 |
| School of Nursing Office of Dean | McGrath, Jacqueline M | American Nurses Foundation | Promoting Exclusive Breastfeeding Among HIV Positive Mothers in South Africa: A Theory-based Approach using the Information, Motivation and Behavioral Skills Model of Health Behavior Change | 131184 | 9/1/2013 | 8/31/2015 | $7,500 |
| School of Nursing Office of Dean | McGrath, Jacqueline M | American Nurses Foundation | Maternal Assessment of Infant Breastfeeding Pattern | 140388 | 9/1/2013 | 8/31/2014 | $4,355 |
| School of Nursing Office of Dean | McGrath, Jacqueline M | Association of Women's Health, Obstetric and Neonatal Nurses | Maternal Assessment of Infant Breastfeeding Behaviors | 140389 | 7/31/2013 | 11/30/2013 | $7,593 |
| School of Nursing Office of Dean | McGrath, Jacqueline M | National Association of Neonatal Nurses | Maternal Descriptions of Late Preterm Infant Breastfeeding Behavior Types | 140387 | 10/1/2013 | 9/30/2014 | $3,163 |
| School of Pharmacy Office of Dean | Halpert, James R | NSF/BIO/Directorate for Biological Sciences | Collaborative Research: A Comprehensive Study of the Structure, Function, and Diversity of Detoxification Enzymes (CYP2B) in Mammalian Herbivores (Neotoma) | 150218 | 8/15/2014 | 5/31/2016 | $420,288 |
| School of Pharmacy Office of Dean | Halpert, James R | PHS/NIH/National Institute of Environmental Health Sciences/PHS/National Institutes of Health | Molecular Basis of Selective P450 2B Function | 141416 | 7/1/2014 | 4/30/2017 | $1,044,001 |
| School of Pharmacy Office of Dean | Halpert, James R | PHS/NIH/National Institute of General Medical Sciences | Molecular Basis of Human Cytochrome P450 3A Function | 141378 | 7/1/2014 | 2/29/2016 | $227,862 |
| School of Pharmacy Office of Dean | Morris, John B | PHS/National Institutes of Health/Yale University | Counterirritation by Menthol:Molecular Targets and Role in Airway Disease | 100779 | 1/1/2011 | 12/31/2014 | $467,559 |
| School of Pharmacy Office of Dean | Morris, John B | PHS/NIH/National Heart, Lung, and Blood Institute/Duke University | Counter-Irritation by Menthol: Molecular Targets and Role in Airway Disease | 141354 | 6/16/2014 | 12/31/2015 | $91,542 |
| School of Social Work Instruction and Research | Baker, Frank | CT Department of Correction | DOC Domestic Violence Program | 140828 | 2/21/2014 | 6/30/2014 | $12,500 |
| School of Social Work Instruction and Research | Baker, Frank | CT Department of Mental Health and Addiction Servi | Mental Health & Addiction Services Research Development Initiative | 130170 | 9/1/2012 | 8/31/2013 | $376,074 |
| School of Social Work Instruction and Research | Baker, Frank | CT Department of Mental Health and Addiction Servi | Mental Health and Addiction Services Research Development Initiative | 140106 | 9/1/2013 | 8/31/2014 | $377,052 |
| School of Social Work Instruction and Research | Baker, Frank | PHS/SAMHSA/Center for Mental Health Services/Community Mental Health Affiliates, Inc. | Supported Housing Services Project Evaluation | 091064 | 11/1/2009 | 9/30/2014 | $396,560 |

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| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| School of Social Work Instruction and Research | Frisman, Linda K | PHS/NIH/National Institute on Drug Abuse | CT CJ-DATS 2 Center | 080329 | 9/1/2008 | 3/31/2014 | $3,521,025 |
| School of Social Work Instruction and Research | James, Amy | PHS/Substance Abuse Mental Health Services Administration/CT Department of Mental Health and Addiction Servi | Veteran Diversion Evaluation | 080951 | 9/30/2008 | 9/29/2014 | $825,883 |
| School of Social Work Instruction and Research | Kurz, Brenda | PHS/DHHS/Administration for Children and Families/Childrens Trust Fund | Nurturing Parenting Groups & Applying Group Work Principles to Curriculum Based Groups | 110366 | 10/1/2010 | 3/31/2015 | $42,500 |
| School of Social Work Instruction and Research | Lin, Hsiu-Ju | HHS/Centers for Medicare and Medicaid Services/Yale University | Data Analysis for Transitions Clinic Network | 140698 | 3/30/2014 | 6/30/2014 | $43,055 |
| School of Social Work Instruction and Research | Lin, Hsiu-Ju | New Venture Fund/Duke University | Implementation and Effectiveness of "Dangerous Persons" Gun-Seizure Laws in Connecticut and Indiana | 140700 | 6/1/2014 | 5/31/2017 | $94,878 |
| School of Social Work Instruction and Research | Lin, Hsiu-Ju | NSF/SBE/Directorate for Social, Behavioral and Economic Sciences/Duke University | Firearms Laws, Mental Disorder & Violence | 101436 | 5/1/2011 | 4/30/2014 | $19,429 |
| School of Social Work Instruction and Research | Lin, Hsiu-Ju | PHS/Substance Abuse Mental Health Services Administration/CT Department of Mental Health and Addiction Servi | DIG Program Evaluation and Analysis | 140572 | 9/30/2013 | 6/30/2015 | $250,971 |
| School of Social Work Instruction and Research | Parks, Cheryl | Gay and Lesbian Medical Association | Predictors of Hazardous Drinking, Drug Use, Depression and Suicidality among Sexual Minority Women | 111163 | 9/1/2011 | 8/31/2013 | $10,000 |
| School of Social Work Instruction and Research | Parr, Kathryn E | CT Department of Children and Families/University of CT Health Center | Recovery Specialist Voluntary Program (RSVP) | 141414 | 8/31/2013 | 8/30/2014 | $20,698 |
| School of Social Work Instruction and Research | Parr, Kathryn E | PHS/DHHS/Administration for Children and Families/CT Department of Social Services | TFA Quality Assurance Evaluation | 130159 | 9/1/2013 | 12/31/2014 | $167,778 |
| School of Social Work Instruction and Research | Parr, Kathryn E | PHS/DHHS/Administration for Children and Families/University of CT Health Center | Substance Abuse Family Evaluation, Recovery and Support (SAFERS) | 131224 | 10/1/2013 | 9/29/2016 | $26,792 |
| School of Social Work Instruction and Research | Rodis, Eleni T | CT Department of Correction | New Haven Reentry Initiative Amendment (Consultation) | 140297 | 10/1/2013 | 9/30/2015 | $25,000 |
| School of Social Work Instruction and Research | Rodis, Eleni T | CT Department of Mental Health and Addiction Servi | Advanced Supervision & Intervention Support Team (ASIST) Analysis | 120642 | 12/1/2011 | 8/31/2015 | $109,656 |
| School of Social Work Instruction and Research | Rodis, Eleni T | CT Department of Mental Health and Addiction Servi | Evaluation of Supportive Housing | 110292 | 9/30/2010 | 6/30/2015 | $457,693 |
| School of Social Work Instruction and Research | Rodis, Eleni T | PHS/Substance Abuse Mental Health Services Administration/CT Department of Mental Health and Addiction Servi | Safe Schools/Healthy Students State Program | 140507 | 9/30/2013 | 9/29/2017 | $885,600 |
| School of Social Work Instruction and Research | Rodis, Eleni T | PHS/Substance Abuse Mental Health Services Administration/CT Department of Mental Health and Addiction Servi | Specialized CIT for Young Adults | 131277 | 9/30/2013 | 9/29/2016 | $193,332 |
| School of Social Work Instruction and Research | Ulaszek, Wendy R | CT Department of Mental Health and Addiction Servi | WISE Evaluation - Phase II | 120988 | 3/31/2012 | 6/30/2015 | $161,426 |
| School of Social Work Instruction and Research | Ulaszek, Wendy R | CT Office of Policy and Management/CT Department of Correction | CT DOC Smoking Cessation Project | 130147 | 4/1/2013 | 2/28/2015 | $693,183 |

# Academic Year 2013-2014 Active Research Projects

| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| School of Social Work Instruction and Research | Wilson, Cristina | PHS/Department of Health and Human Services/University of CT Health Center | Teen Pregnancy Prevention Through Responsible Fathering | 101330 | 9/30/2010 | 9/29/2015 | $188,725 |
| School of Social Work Office of Dean | Raheim, Salome | PHS/Substance Abuse Mental Health Services Administration/CT Department of Mental Health and Addiction Servi | DIG Program Evaluation and Analysis | 130240 | 9/30/2012 | 9/29/2013 | $189,687 |
| Sea Grant College Program | Deguise, Sylvain | Consortium for Ocean Leadership | The Combined Effect of Environmental and Anthropogenic Stressors on Fish Health | 120908 | 10/1/2012 | 12/31/2015 | $1,385,339 |
| Sea Grant College Program | Deguise, Sylvain | DOC/National Oceanic and Atmospheric Administration | Connecticut Sea Grant Omnibus 2014-2018 | 140406 | 2/1/2014 | 1/31/2018 | $3,914,000 |
| Sea Grant College Program | Deguise, Sylvain | DOC/National Oceanic and Atmospheric Administration | Determining Relative Susceptibility of Monk Seal, Northern Fur Seal, California Sea Lion, Elephant Seal and Pacific Harbor Seal to PDV using an in vitro Approach | 130142 | 9/14/2012 | 3/13/2014 | $30,000 |
| Sea Grant College Program | Deguise, Sylvain | DOC/National Oceanic and Atmospheric Administration | The Coastal Storm Awareness Program - Connecticut Sea Grant Component | 140090 | 9/1/2013 | 8/31/2015 | $610,666 |
| Sea Grant College Program | Deguise, Sylvain | DOC/National Oceanic and Atmospheric Administration | CTSG-Knauss-Aylesworth | 131107 | 2/1/2014 | 2/28/2015 | $56,500 |
| Sea Grant College Program | Deguise, Sylvain | DOC/National Oceanic and Atmospheric Administration/New Jersey Marine Sciences Consortium | NJSGC Supplement to Coastal Storm Awareness Program - CT Sea Grant Component | 141072 | 1/1/2014 | 6/30/2015 | $36,660 |
| Sea Grant College Program | Deguise, Sylvain | DOC/NOAA/Northeast Regional Ocean Council/Gulf of Maine Association | Natural Resource Conservation Issues for Regional Ocean Planning in New England | 130184 | 11/29/2012 | 6/30/2014 | $75,000 |
| Sea Grant College Program | Deguise, Sylvain | DOC/NOAA/Oceanic and Atmospheric Research | Connecticut Sea Grant College Program Ominbus 2010-2014: Sea Grant College Support | 100429 | 2/1/2010 | 4/30/2015 | $975,970 |
| Sea Grant College Program | Deguise, Sylvain | DOC/NOAA/Oceanic and Atmospheric Research | Knauss Fellowship - Umi Muawanah | 120986 | 2/1/2013 | 1/31/2014 | $52,500 |
| Sea Grant College Program | Deguise, Sylvain | DOC/NOAA/Oceanic and Atmospheric Research | Supporting Cost-Efficient Adaptation Planning in the North Atlantic | 111256 | 10/1/2011 | 9/30/2013 | $30,000 |
| Sea Grant College Program | Deguise, Sylvain | EPA/Environmental Protection Agency | Research to Accomplish the Long Island Sound Study's Goals (2011 CTSG share) | 111285 | 10/1/2011 | 11/1/2015 | $266,324 |
| Sea Grant College Program | Deguise, Sylvain | EPA/Long Island Sound Office | Long Island Sound Scientific Research 2009 | 091240 | 10/1/2009 | 5/1/2014 | $603,826 |
| Sea Grant College Program | Deguise, Sylvain | EPA/Long Island Sound Office | Long Island Sound Study FY 2013 CTSG | 131405 | 10/1/2013 | 4/1/2018 | $425,000 |
| Sea Grant College Program | Deguise, Sylvain | Morris Animal Foundation | Direct Lethal and Sub-lethal Effects of the Oil Dispersant Corexit and Oil in the Eastern Oyster | 110489 | 7/1/2011 | 6/30/2014 | $103,853 |
| Sociology | Wright, Bradley R | Templeton (John) Foundation | Self-Control, Spirituality and Well-Being: A Large-Scale, Online Study using Experience Sampling Method | 140189 | 1/1/2014 | 12/31/2016 | $429,708 |
| Speech, Language and Hearing Sciences | Coelho, Carl A | PHS/NIH/National Institute on Deafness and Other Communication Disorders | Predicting Discourse Ability in TBI: Cognitive and Communicative Factors | 121023 | 8/27/2012 | 7/27/2014 | $82,628 |
| Speech, Language and Hearing Sciences | Musiek, Frank E | Royal Arch Masons International | Influence of Non-auditory Factors on Test of Central Auditory Function | 130470 | 12/1/2012 | 6/1/2015 | $120,000 |
| Speech, Language and Hearing Sciences | Myers, Emily B | PHS/NIH/National Institute on Deafness and Other Communication Disorders | The Role of Frontal and Temporal Brain Areas in the Perception of Phonetic Category Structure | 131026 | 3/1/2014 | 2/28/2019 | $1,912,271 |
| Speech, Language and Hearing Sciences | Spaulding, Tammie | American Speech-Language-Hearing Foundation | Investigating Approaches to Learning in Children with SLI | 120503 | 1/1/2012 | 8/30/2013 | $5,000 |
| Speech, Language and Hearing Sciences | Tufts, Jennifer | DOD/Department of Defense/Creare, Inc | Functional Hearing Evaluation for Military Occupational Specialities | 131418 | 9/30/2013 | 9/29/2015 | $73,692 |

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OFFICE OF THE VICE PRESIDENT FOR RESEARCH

# Academic Year 2013-2014 Active Research Projects

| PI Academic Home | PI Name | Sponsor | Project Title | InfoEd # | Start Date | End Date | Total Award Amount |
|---|---|---|---|---|---|---|---|
| Speech, Language and Hearing Sciences | Tufts, Jennifer | PHS/Centers for Disease Control and Prevention/PHS/CDC/National Institute for Occupational Safety and Health | HPD Well-Fit: Comparison of REAT Results under Three Circumaural Headphone Types | 131160 | 3/25/2013 | 12/31/2013 | $8,340 |
| Speech, Language and Hearing Sciences | Vasil-Dilaj, Kristin A | Setem Technologies | Evaluation of Signal Processing Techniques from Chaotic Audio Compression for Improving Ability of People with Hearing Impairment to Hear Better in Noise | 130708 | 5/1/2013 | 6/30/2014 | $23,886 |
| Statistics | Chen, Kun | PHS/National Institutes of Health/University of Iowa | An Integrative Statistics-Guided Image-Based Multi-Scale Lung Model | 140376 | 8/15/2013 | 5/31/2015 | $73,354 |
| Statistics | Chen, Ming-Hui | Amgen, Inc/University of North Carolina, Chapel Hill | Statistical Methods for Meta-Analysis | 140587 | 1/1/2014 | 12/31/2014 | $37,000 |
| Statistics | Chen, Ming-Hui | Merck and Company/University of North Carolina, Chapel Hill | Bayesian Methods for the Design and Analysis of Clinical Trials | 131322 | 1/1/2013 | 2/28/2015 | $70,000 |
| Statistics | Chen, Ming-Hui | PHS/NIH/National Institute of General Medical Sciences/University of North Carolina, Chapel Hill | Bayesian Approaches to Model Selection for Survival Data | 100910 | 9/15/2011 | 8/31/2015 | $283,857 |
| Statistics | Harel, Ofer | PHS/NIH/National Institute of Mental Health | Dealing with Missing Data in HIV Prevention Trials | 100211 | 4/9/2010 | 1/31/2016 | $889,402 |
| Statistics | Ravishanker, Nalini | NSF/MPS/Directorate for Mathematics and Physical Sciences | 2013 International Conference on Statistics, Science, and Society: New Challenges and Opportunities | 130101 | 9/1/2012 | 8/31/2013 | $25,000 |
| Statistics | Tartakovsky, Alexander | DOD/Air Force Office of Scientific Research/University of Southern California Los Angeles | Inferring Structure and Forecasting Dynamics on Evolving Networks | 141181 | 12/1/2013 | 11/29/2014 | $96,942 |
| Statistics | Tartakovsky, Alexander | DOD/Army | General Multidecision Theory: Hypothesis Testing and Changepoint Detection-Classification with Applications to Homeland Security | 140679 | 6/1/2014 | 11/30/2014 | $200,000 |
| Statistics | Tartakovsky, Alexander | DOD/DARPA/University of Southern California Los Angeles | Situational Awareness for Social Media: Theories, Models and Algorithms | 140683 | 1/1/2014 | 11/20/2014 | $110,000 |
| Statistics | Yan, Jun | NSF/MPS/Directorate for Mathematics and Physical Sciences | Statistical Inferences, Computing, and Applications for Semiparametric Accelerated Failure Time Models | 120450 | 8/15/2012 | 7/31/2015 | $129,999 |
| Statistics | Yan, Jun | PHS/NIH/National Institute of Diabetes and Digestive and Kidney Diseases/University of Wisconsin | Newborn Screening, Malnutrition and Lung Disease in Children with Cystic Fibrosis | 110904 | 12/1/2011 | 7/31/2016 | $28,537 |
| Vice Provost for Grad. Edu. and Dean of Grad. Sch | Holsinger, Kent E | NSF/EHR/Directorate for Education and Human Resources | Graduate Research Fellowship Program | 141126 | 8/1/2012 | 7/31/2017 | $1,168,000 |

# 2015 Fact Sheet

## THE UNIVERSITY

- Founded 1881
- Main Campus: Storrs
- 5 Regional Campuses: Avery Point, Hartford, Stamford, Torrington, Waterbury
- School of Law and Graduate Business Learning Center: Hartford
- School of Social Work: Hartford
- UConn Health: Farmington
  (Schools of Medicine & Dental Medicine, graduate programs, medical & dental clinics, and John Dempsey Hospital)
- Land Grant & Sea Grant college, Space Grant consortium institution
- Storrs & Regionals = 4,099 acres; UConn Health = 209 acres

## INITIATIVES

**UCONN 2000** – As of October 2014:

- 113 projects totaling $2.6 billion in bonds have been authorized
- $2.3 billion in construction-related contracts issued from all fund sources
  - 62% of funds to Connecticut contractors, 20% to set-aside contractors
- In excess of 4 million square feet of new space added, as well as a significant amount of renovated space.
- Bond Credit Ratings by Fitch, Moody's, and Standard & Poor's remain consistently strong

### Next Generation Connecticut

- Next Generation Connecticut: $1.5 billion capital investment over 10 years includes construction, renovations, infrastructure, and equipment

### Bioscience Connecticut

- Bioscience Connecticut: $864 million investment in genomics and personalized medicine

## STUDENTS – Fall 2014

### Academic Programs & Degrees

14 Schools & Colleges
Agriculture, Health & Natural Resources, Business, Dental Medicine, Neag Education, Engineering, Fine Arts, Graduate, Law, Liberal Arts & Sciences, Medicine, Nursing, Pharmacy, Ratcliffe Hicks, Social Work

7 undergraduate degrees: 106 majors

17 graduate degrees: 78 research and professional practice fields of study

6 professional degree programs (J.D., LL.M., M.D., D.M.D., Pharm.D., S.J.D.)

| **Degrees 2013-14** | **7,871** | | |
|---|---|---|---|
| Bachelor's | 5,200 | Dental Medicine | 45 |
| Master's | 1,636 | Graduate/Professional | |
| Doctorates | 342 | Certificates | 172 |
| Law (J.D., LL.M.) | 225 | 6 Yr. Education | 45 |
| Pharm.D. | 97 | 2 Yr. Agriculture | 21 |
| Medicine | 88 | | |
| Degrees by: Female | 53% | Minority | 20% |

### Total Student Enrollment – 31,119

| | |
|---|---|
| 18,395 | Undergraduate at Main Campus |
| 4,578 | Undergraduate at Regional Campuses |
| ***22,973*** | ***Subtotal Undergraduate*** |
| 6,830 | Graduate (M.A./Ph.D., incl. 331 at UConn Health) |
| 565 | Law |
| 196 | Pharm.D. |
| 384 | Medicine |
| 171 | Dental Medicine |
| ***8,146*** | ***Subtotal Graduate/Professional*** |

### Entering Freshmen at Main Campus – 3,588

- 50% were in top 10% of high school class
- 85% were in top 25% of high school class
- 77 valedictorians and 68 salutatorians
- 263% more minority freshmen than in Fall 1995
- Since 1995: 1,871 valedictorians and salutatorians enrolled at all campuses

### Student Characteristics

| | Undergraduate - 22,973 | Grad/Professional - 8,146 |
|---|---|---|
| Female | 50% | 52% |
| Minority | 29% | 18% |
| International[1] | 4% | 22% |
| Connecticut Residents[2] | 79% | 67% |

[1] 113 countries were represented in the Fall 2014 international student population.
[2] 75% of undergraduates on Main Campus are Connecticut residents.
All 169 Connecticut towns and 41 of 50 states are represented in the Fall 2014 total undergraduate student population.

### SAT Scores and Retention & Graduation Rates

| **2014 SAT Scores** (Critical Reading and Math) | **National High School** | **Connecticut High School** | **Main Campus Entering Freshmen** |
|---|---|---|---|
| | 1010 | 1017 | 1234 |

| **Main Campus** | | **All** | **Minority** |
|---|---|---|---|
| Freshmen Retention: | 1-Year Rate | 93% | 93% |
| Graduation: | 4-Year Rate | 70% | 61% |
| | 6-Year Rate | 81% | 78% |

UConn (Main Campus) ranks 15 out of 58 public research universities in graduation rate for all freshmen and 9 out of 58 public research universities for minority freshmen. (Sources: *U.S. News 2015 America's Best Colleges & 2013 IPEDS Graduation Rate Survey*)
UConn (Main Campus) average time to graduate is 4.2 years among those who graduate within 6 years, and ranks 6 out of 58 public research universities.

### Total Undergraduate Student Cost – 2014-2015

| | **In-State** | **Out-of-State** |
|---|---|---|
| Tuition, Fees, Room[1] & Board[2] | $24,518 | $44,698 |
| Tuition & Mandatory Fees | 12,700 | 32,880 |
| Tuition Only | 9,858 | 30,038 |

[1] 71% of Main Campus undergraduates live in campus housing (115 residential halls).
[2] Board rate shown reflects most popular plan available.

### Student Financial Aid – Fiscal Year 2014

Financial Aid Support: $428.6 million

| | **Main Campus/ Regional[1]** | **UConn Health** |
|---|---|---|
| Scholarships & Grants | $154.7 million | $4.8 million |
| Loans | 176.8 million | 16.5 million |
| Student Employment | 21.8 million | |
| Tuition Waivers | 54.0 million | |

[1] 39.6% of all tuition dollars are dedicated to financial aid. Approximately 21,500 students received financial aid packages in FY 2014.

**UConn ranks among the Top 20 public universities in the nation**
– *U.S. News & World Report America's Best Colleges* (2015)

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# 2015 Fact Sheet


## BUDGET – Fiscal Year 2015

### Total Current Funds Budget: $2.1 billion

**MAIN & REGIONAL CAMPUSES**

| **Revenues** | **In Millions** |
|---|---|
| State Appropriation | $230.6 |
| Fringe Benefits | 118.1 |
| Student Tuition & Fees | 601.0 |
| Gifts, Grants & Contracts | 181.6 |
| Sales/Services - Auxiliary Enterprises | 40.8 |
| Sales/Services - Educational | 16.1 |
| Investment Income | 0.6 |
| *Total* | $1,188.8 |
| **Expenditures** | |
| Academic Services | $513.1 |
| Research Services | 80.1 |
| Student Services | 407.1 |
| Operating, Support & Physical Plant Services | 188.5 |
| *Total* | $1,188.8 |

**UCONN HEALTH**

| **Revenues** | **In Millions** |
|---|---|
| State Appropriation | $135.2 |
| Fringe Benefits | 91.8 |
| Tuition & Fees | 21.2 |
| Gifts, Grants & Contracts | 93.8 |
| Interns & Residents | 63.6 |
| Net Patient Care | 397.5 |
| Correctional Managed Care | 93.9 |
| All Other Revenues | 41.9 |
| *Total* | $938.9 |
| **Expenditures** | |
| Hospital & Health Services | $515.6 |
| Academic Services | 183.8 |
| Research Services | 120.5 |
| Operating, Support & Physical Plant Services | 131.5 |
| *Total*[1] | $951.4 |

[1]Prior year restricted capital balances will fund the net loss.

## STAFF – Fall 2014

### Number of Full-time & Part-time Faculty & Staff: 9,874

| | Main Campus/Regional | | UConn Health | |
|---|---|---|---|---|
| Full-time & Part-time Faculty & Staff | **4,816** | | **5,058** | |
| Full-time Faculty & Staff | 4,597 | (95%) | 3,945 | (78%) |
| Part-time Faculty & Staff[1] | 219 | ( 5%) | 1,113 | (22%) |
| Full-time Faculty | **1,517** | | **478** | |
| Tenured & Tenure Track | 1,179 | (78%) | 173 | (36%) |
| Non-Tenure Track | 338 | (22%) | 305 | (64%) |
| Full-time Staff | **3,080** | | **3,467** | |
| Full-time & Part-time Faculty | | | | |
| Female | 39% | | 41% | |
| Minority | 22% | | 29% | |
| Full-time & Part-time Staff | | | | |
| Female | 58% | | 77% | |
| Minority | 17% | | 25% | |

[1]An additional 708 adjunct lecturers teach one or more courses at Storrs and Regional Campuses.

### Staff Covered by Collective Bargaining Agreements:

| | |
|---|---|
| Main Campus & Regional Campuses | 91% |
| UConn Health | 80% |

## ALUMNI and GIVING

### UConn Alumni

- Nearly 223,000 total alumni worldwide.
- More than 126,000 alumni live in Connecticut.

### Private Giving Fiscal Year 2014

- In FY 2014 private donations to the University totaled $81.1 million. Of that amount, $21.6 million was donated for student support, $4.6 million was donated for faculty support, $7.2 million was donated for research, $43.9 million was donated for program support, and $3.8 million was donated for capital improvements.
- Alumni contributed $24.2 million in FY 2014. Parents and other individuals donated $30.3 million.
- Funds made available to support the University in FY 2014 totaled $50.9 million.
- The University endowment portfolio gained a healthy 12% for FY 2014, gaining in all quarters and was valued at approximately $402.4 million at fiscal year-end.

## RESEARCH and PUBLIC SERVICE

### Fiscal Year 2014 external funding, sponsored activities:

**$221.6 million (excluding financial aid):**

| | |
|---|---|
| Main & Regional Campuses: | $127.5 million (58%) |
| UConn Health: | $ 94.1 million (42%) |

**Total by Funding Source**

Federal: 70% State: 15% Private/Other: 15%

**Sponsored Activities at Main & Regional Campuses**

| | |
|---|---|
| Research | 79.2% |
| Education and Training Programs | 0.2% |
| Public Service | 20.6% |

**Sponsored Activities at UConn Health**

| | |
|---|---|
| Research | 77.8% |
| Community/Public Health | 14.5% |
| Industry Support | 2.9% |
| Education and Training Programs | 0.9% |
| Other | 4.0% |

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