# UCONNECTICUT

# Finance, Revenue and Bonding Committee General Bonding Subcommittee

-March 13, 2018-

Co-Chairs, Ranking Members, and Members of the Committee, thank you for giving us the opportunity to update you on the transformative building initiatives that you have made possible at the University of Connecticut. With me today is Jeremy Teitelbaum, Interim Provost, and Scott Jordan, our CFO.

The University has benefitted tremendously from the UCONN 2000 Infrastructure Improvement Program established by the General Assembly in 1995. We are now in the third phase of this 32year program, which is designed to modernize, rehabilitate and dramatically expand the physical plant of the University. This phase, which extends through FY27, includes the NextGenCT and the Bioscience Connecticut initiatives. While the Bioscience initiative is nearing completion at UConn Health, the NextGenCT program at Storrs and the Regional Campuses is well underway.

Since the beginning of UCONN 2000, we have seen improvements in many facets of the University such as a 241% increase in freshmen applications, significant growth in student quality and diversity, a 63% increase in undergraduate enrollment, much higher retention rates than ever before, and we are conferring degrees to nearly 3,800 or 80% more students a year. The University is now ranked 18<sup>th</sup> out of 132 public research universities by US News as compared to 38<sup>th</sup> in the late 90's.

# Next Generation Connecticut Capital Program Overview

Building upon the success of the strategic investments made in our capital program, in 2013, the General Assembly enacted NextGenCT. The goals of the program are to hire and support outstanding faculty, train graduates to meet the future workforce needs of Connecticut, develop preeminence in our research and innovation programs, and initiate research and industry partnerships that lead to economic development. The cornerstone of this effort is the development of new facilities and renovation of critical infrastructure. NextGenCT has already supported the historic move of the Greater Hartford campus to downtown Hartford and expansion of critical programs at the Stamford campus as well as renovations at the Avery Point and Waterbury campuses.

Since the NextGenCT initiative began in the fall 2012, we've funded 174 new faculty and enrolled 2,456 additional undergraduate students at the Storrs campus (with 1,133 or 57% more in engineering). We have graduated 24% more STEM undergraduates and 9% more STEM graduates since NextGenCT began. Our faculty also made dramatic increases in research productivity at Storrs during this time. For example:

- research awards increased by \$34M or 37%
- research proposals increased by \$137M or 24%

Now in its fourth year, the NextGenCT initiative is moving forward, making strategic investments in Connecticut's future, laying critical groundwork for economic development, and creating hundreds of construction jobs in the process.

Major investment has been necessary to support new and renovated laboratories for STEM research and teaching, classrooms, academic support, residence halls, parking, utilities, information technology, equipment and critical infrastructure upgrades.

Since NextGenCT began, we have:

- Completed a new 212,000 square foot residence hall, which is home to approximately 725 students;
- Opened a 115,000 square foot Engineering and Science building;
- Completed the new downtown Hartford Campus and the Stamford Residential Housing facility last summer; and
- Finished major renovations to numerous facilities, including academic buildings.

The University is moving forward on several other projects to meet the needs of our expanded enrollment and new faculty. These NextGenCT projects include the renovation of the Gant STEM building, the addition to the Fine Arts building, and construction of a new STEM Research Center building.

The campus growth has also required infrastructure upgrades, such as steam line replacement, sewer system upgrades, a supplemental water supply, and various other underground utility improvements.

# Governor's Recommended - Senate Bill 12

As you are well aware, in October 2017, the enacted FY18 & FY19 State budget significantly deferred the original NextGenCT bonding schedule and extended the bonding program by three years from FY24 through FY27. The University subsequently delayed and deferred \$334.1M of projects. The deferrals over the past two years have required us to adjust our priorities within the capital program. In order to avoid additional costs associated with further delaying or shutting down projects in construction, it is critical that future levels of capital funding remain intact to support major projects that are phased over multiple years. The Governor's proposed budget does not recommend any changes to the current bonding program.

# UConn Tech Park

In collaboration with industry partners and entrepreneurs, UConn is developing a Technology Park at the Storrs campus made possible by \$169.5 million in state bond authorizations. The Innovation Partnership Building (IPB) construction began in June 2015 and is now complete.

The Tech Park will enhance Connecticut's global competitiveness and will become a critical component of the State's future economic growth by attracting and retaining the world-class industry partners who have invested nearly \$80 million to develop their new technologies in collaboration with the University of Connecticut.

# **Conclusion**

In conclusion, we are meeting many of the key goals established for NextGenCT and the Tech Park. While these prior year deferrals are challenging, the University is committed to protecting the core tenets of the capital components of NextGenCT and ensuring that Connecticut reaps the economic benefits of the program.

Thank you for your strong support of the University of Connecticut.

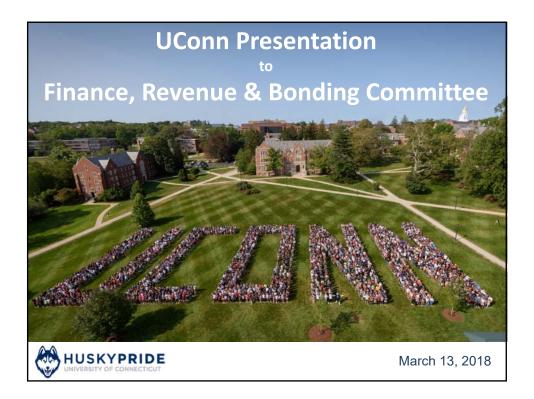
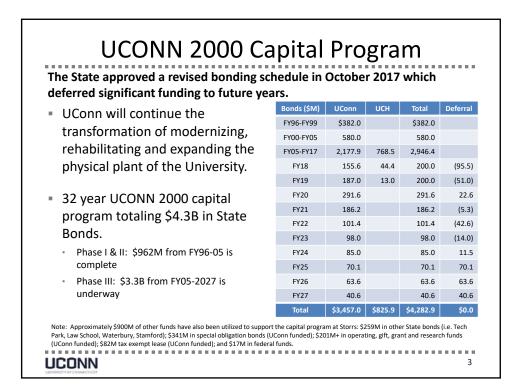
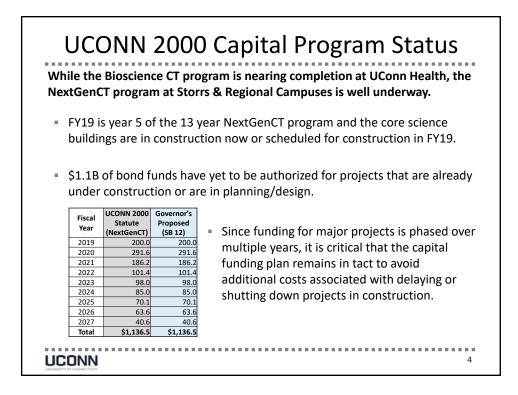


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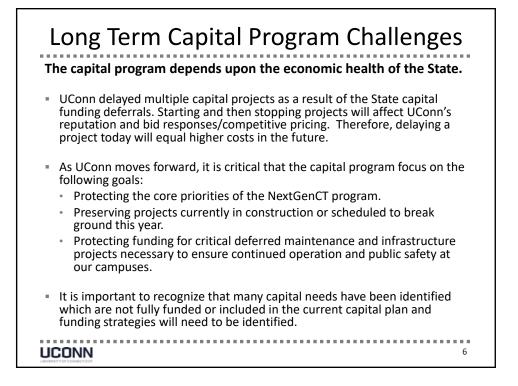




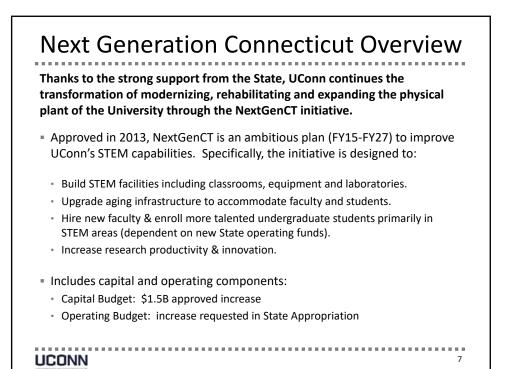


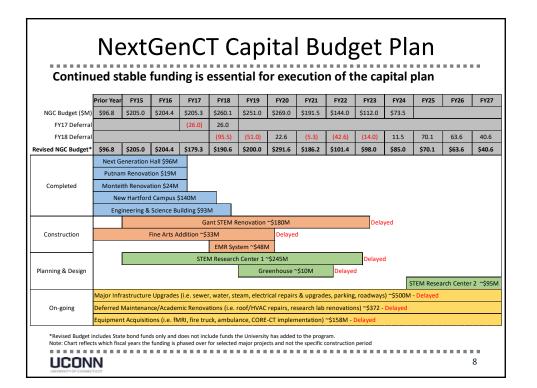


FY05-FY27 Summary (\$M)	Expended	Under Construction*	Planning & Design	Tot	al
Academic & Research Facilities	369	236	341	\$946	37%
Deferred Maintenance/Infrastructure	382	139	449	970	38%
Residential Life Facilities	131	5	21	157	6%
Equipment	128	17	85	230	9%
EMR System (funding provided to UCH)	12	36		48	2%
Regional Campuses	181	8	3	192	8%
Total Storrs & Regional Campuses	\$1,203	\$441	\$899	\$2,543	100%
Deferred Maintenance/Renovations	\$122	\$10		\$132	17%
Equipment	60	8		68	9%
Bioscience CT	540	38		578	74%
Fotal UConn Health (ends in FY18)	\$722	\$56		\$778	100%
Grand Total	\$1,925	\$497	\$899	\$3,321	







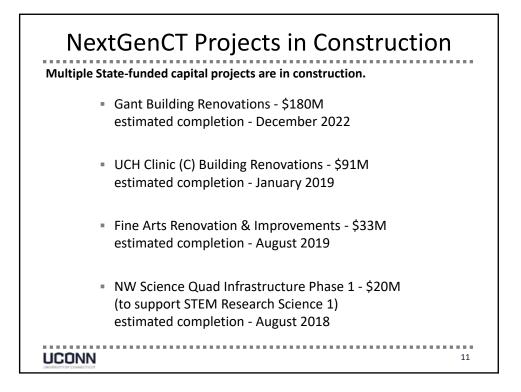


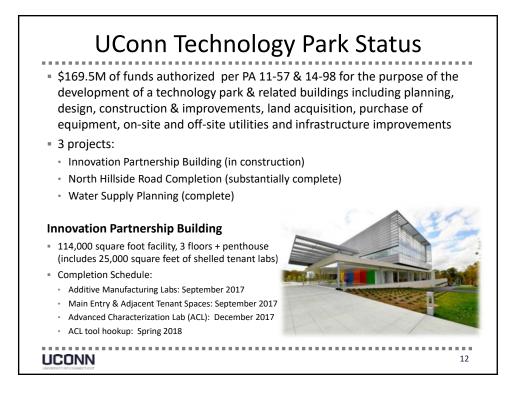




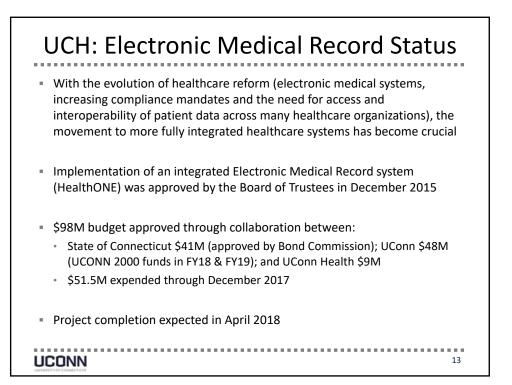


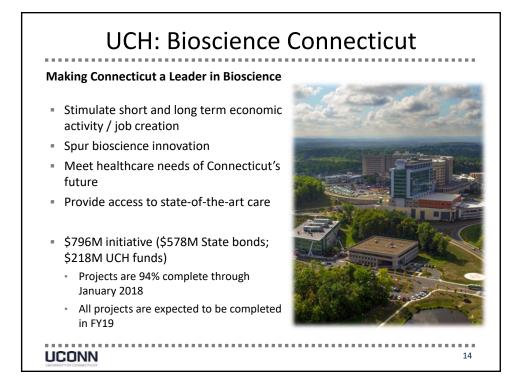














•	<ul> <li>Construction Jobs <ul> <li>6,176 jobs created</li> <li>3,067,258 hours worked on the project through January 2018</li> <li>83% of construction contracts awarded to Connecticut companies - valued at \$371M</li> </ul> </li> <li>Small/Minority Business participation on Bioscience CT projects:</li> </ul>					
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# UCH: Bioscience Connecticut Projects



# **Education Construction**

- Allows for growth in Schools & supports new, modern curriculum, including Team Based Learning
- Addition and Renovations to Academic Building
- Addition: completed Summer 2016
- Renovations: completed May 2017

# UCONN



- 306,000 square foot, state-of-the-art, multispecialty outpatient clinical building on lower campus: completed January 2015
- 1,400 car parking garage: completed November 2013
  - Private financing of \$203M through TIAA-CREF

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# UConn: Critical to Connecticut's Future

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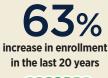
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of UConn's most recent graduates from in-state are living and working in Connecticut

500+

U.S. patents have been granted based on UConn innovations, with 28 issued last year alone







UConn was awarded nearly \$681M in external sponsored programs funding in the last three years



Our highest-ever ranking in U.S News & World Report

# UConn keeps great students in Connecticut and brings new people to the state — fighting the "brain drain" and helping to build a key working age population

- Connecticut residents comprise 76 percent of UConn's undergraduate student body.
- Some 76 percent of UConn's employed in-state graduates are living in Connecticut, while 27 percent
  of out-of-state grads stay in Connecticut for employment after graduation people who would
  not have moved here otherwise.
- UConn's undergraduate enrollment has increased by 63 percent in the last 20 years.

# UConn creates new businesses, jobs, and economic growth, strengthening Connecticut industry

- More than 24,000 Connecticut jobs, or 1 out of every 90, are generated by UConn.
- The Technology Incubation Program at UConn (TIP) is one-of-a-kind in Connecticut and has supported more than 90 startup companies, contributing to the creation of more than 2,000 jobs supported and sustained annually by the University. TIP companies have raised over \$54 million in debt and equity, exceeding the \$45.3 million raised in 2016 and \$19.2 million in 2015. Company funding included grants, debt, equity, and revenues.
- Industry leaders including Pratt & Whitney, Comcast, Eversource, UTC, GE, and many more have invested nearly \$100 million in UConn in areas such as materials science, advanced manufacturing, big data, computer security, and other fields. Companies heavily recruit student talent on our campuses for both internships and full-time jobs to support their growth.
- More than 500 U.S. patents have been granted based on UConn innovations, with 28 issued last year alone.

# UConn prepares students for high-quality jobs

- Storrs Engineering undergraduate enrollment has increased from 1,978 in FY13 to 3,111 in FY18 or by 1,133 (a 57% increase).
- With the Bioscience CT initiative, enrollment at UConn's School of Medicine and School of Dental Medicine is also growing, to ensure a stable source of future medical professionals in our state and access to quality health care for our residents.

# UConn innovates and finds solutions to major health and societal problems

- UConn was awarded nearly \$681 million in external sponsored programs funding in the last three years.
- UConn and UConn Health researchers innovate and find solutions to major public health challenges, including cancer, heart disease, stroke, and obesity, as well as major public policy challenges, such as the achievement gap in schools, coastal flooding, energy, cybersecurity, environmental sustainability, infrastructure safety, and more.

# **5** UConn improves and strengthens Connecticut cities and towns

- UConn opened a new Hartford campus in 2017 that will transform the capital city's downtown.
- UConn has vibrant locations in Groton, Waterbury, and Stamford with thousands of students, faculty, and staff generating millions in economic activity.

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# 2017-2018

# 2018 Fact Sheet

# THE UNIVERSITY

- Founded 1881
- Main Campus: Storrs
- 4 Regional Campuses: Avery Point, Hartford, Stamford, 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 UConn John Dempsey Hospital)
- Land Grant & Sea Grant college, Space Grant Consortium institution
- Storrs & Regionals = 4,109 acres; UConn Health = 209 acres

# **INITIATIVES**

UCONN 2000 – As of July 2017:

- \$3.6 billion in bonds have been authorized
- \$3.4 billion in construction-related contracts issued from all fund sources 64% of funds to Connecticut contractors, 21% 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

# 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: 113 majors
- 17 graduate degrees: 90 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 2016-17 8,622 Bachelor's Dental Medicine 90 5.530 Master's 1,904 Graduate/Professional Doctorates 411 Certificates 251 Law (J.D., LL.M.) 198 6 Yr. Education 62 101 Pharm D 2 Yr. Agriculture 30 Medicine 45 Degrees by: Female 53% Minority 22%

# Total Student Enrollment – 32,182

- 19,241 Undergraduate at Main Campus 4,604 Undergraduate at Regional Campuses 23.845 Subtotal Undergraduate 7.098 Graduate (M.A./Ph.D., incl. 294 at UConn Health) 457 Law 190 Pharm.D. 411 Medicine 181 Dental Medicine
- 8,337 Subtotal Graduate/Professional

# Entering Freshmen at Main Campus, Fall 2017 – 3,683

- 54% were in top 10% of high school class
- 88% were in top 25% of high school class
- 81 valedictorians and 80 salutatorians
- 261% more minority freshmen than in Fall 1995
- Since 1995: 2,409 valedictorians and salutatorians enrolled at all campuses

# **Student Characteristics**

	Undergraduate - 23,845	Grad/Professional - 8,337
Female	51%	53%
Minority	33%	19%
International <sup>1</sup>	7%	25%
Connecticut Residents <sup>2</sup>	76%	64%

<sup>1</sup> 108 countries were represented in the Fall 2017 international student population. <sup>2</sup> 72% of undergraduates on Main Campus are Connecticut residents.

<sup>2</sup> /2% of undergraduates on Main Campus are Connecticut residents. All 169 Connecticut towns and 42 of 50 states are represented in the Fall 2017 total undergraduate student population.

6-Year Rate

# SAT Scores and Retention & Graduation Rates

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2017 SAT Scores (Critical Reading and Math)	National High School	Connecticut High School	Main Campus Entering Freshmen	
	1060	1041	1294	
Main Campus	1-Year Rate	<b>All</b> 94%	Minority	
Graduation:	4-Year Rate	83%	66%	
Freshmen Retention:	1-Year Rate	<b>All</b> 94%	Minority 92%	

UConn (Main Campus) ranks 20 out of 58 public research universities in graduation rate for all freshmen and 22 out of 58 public research universities for minority freshmen. (Sources: *U.S. News 2018 America's Best Colleges & 2016 IPEDS Graduation Rate Survey*) UConn (Main Campus) average time to graduate is 4.2 years among those who graduate within 6 years, and ranks 4 out of 58 public research universities.

73%

77%

# Total Undergraduate Student Cost - 2017-2018

	In-State	Out-of-State
Tuition, Fees, Room <sup>1</sup> & Board <sup>2</sup>	\$27,394	\$49,462
Tuition & Mandatory Fees	14,880	36,948
Tuition Only	11,998	34,066

<sup>1</sup> 66% of Main Campus undergraduates live in campus housing (101 residential halls).
<sup>2</sup> Board rate shown reflects the Value Plan, which is the most popular plan available.

# Student Financial Aid – Fiscal Year 2017

Financial Aid Support: \$499.3 million

	Main Campus/ Regional <sup>1</sup>	UConn Health
Scholarships & Grants	\$184.8 million	\$6.4 million
Loans	199.0 million	18.7 million
Student Employment	24.2 million	
Tuition Waivers	66.2 million	

<sup>1</sup> 37.8% of all tuition dollars are dedicated to financial aid. Approximately 21,700 students received financial aid packages in FY 2017.

# UConn ranks among the Top 25 public universities in the nation

- U.S. News & World Report America's Best Colleges (2018)



# 2018 Fact Sheet



# BUDGET – Fiscal Year 2018

# Total Current Funds Budget: \$2.4 billion

MAIN & REGIONAL CAMPUSES	
Revenues	In Millions
State Appropriation	\$191.3
Fringe Benefits	135.8
Student Tuition & Fees	719.1
Gifts, Grants & Contracts	205.7
Sales/Services - Auxiliary Enterprises	35.8
Sales/Services - Educational	19.9
Investment Income	2.9
All Other Revenues	15.6
Total	\$1,326.1
Expenditures	
Academic Services	\$608.7
Research Services	87.5
Student Services	437.4
Operating, Support & Physical Plant Services	191.9
Total	\$1,325.5

# UCONN HEALTH

Revenues	In Millions
State Appropriation	\$117.7
Fringe Benefits	105.7
Student Tuition & Fees	24.4
Gifts, Grants & Contracts	84.9
Interns & Residents	66.7
Net Patient Care	482.7
Correctional Managed Care	80.4
All Other Revenues	58.6
Total	\$1,021.1
Expenditures	
Hospital & Health Services	\$518.0
Correctional Managed Care	80.4
Academic Services	185.9
Research Services	124.7
Operating, Support & Physical Plant Services	130.5
Total	\$1,039.5

# STAFF – Fall 2017

# Number of Full-time & Part-time Faculty & Staff: 9,916

Full-time & Part-time Faculty & Staff	Main Camp 4,857	us/Regional	UConn Ho 5,059	ealth
Full-time Faculty & Staff	•	(96%)		(78%)
Part-time Faculty & Staff <sup>1</sup>	203	(4%)	1,121	(22%)
Full-time Faculty	1,545		493	
Tenured & Tenure Track	1,148	(74%)	166	(34%)
Non-Tenure Track	397	(26%)	327	(66%)
Full-time Staff	3,109		3,445	
Full-time & Part-time Faculty				
Female	41%		44%	
Minority	21%		34%	
Full-time & Part-time Staff				
Female	57%		77%	
Minority	15%		27%	

<sup>1</sup>Approximately 680 adjunct lecturers teach at least one course at Storrs and regional campuses.

# Staff Covered by Collective Bargaining Agreements:

Main Campus & Regional Campuses	90%
UConn Health	94%

# ALUMNI and GIVING

# UConn Alumni

- Nearly 254,000 total alumni worldwide.
- More than 135,000 alumni live in Connecticut.

# Private Giving Fiscal Year 2017

- In FY 2017 private donations to the University totaled \$71.8 million. Of that amount, \$22 million was donated for scholarships and student support, \$25.7 million for program support, \$11 million for research, \$7.4 million for faculty support and \$5.7 million for capital improvements.
- Alumni contributed \$29.3 million in FY 2017. Parents and other individuals contributed \$17.4 million. Corporations and organizations added an additional \$25.1 million.
- Funds made available to support the University in FY 2017 totaled \$45.9 million.
- The University endowment portfolio was valued at \$421.8 million at the fiscal year-end, including more than \$176 million for scholarships.

# RESEARCH, TRAINING and PUBLIC SERVICE

Fiscal Year 2017 external funding, sponsored awards:

\$184.5 million (excluding financial aid):

Main & Regional Campuses:	\$129.8 million (70%)
UConn Health:	\$ 54.7 million (30%)

# Total by Funding Source

Federal: 80.2% State: 3.6% Private/Other: 16.2%

Sponsored Awards at Main & Regional Campuses		
Research	86%	
Education and Training Programs	5%	
Public Service	9%	
Sponsored Awards at UConn Health		
Research	90%	
Public Service	10%	



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