We are UConn Nation

One team, achieving greatness together!

Mission:
Teaching
Research
Service
Outreach

Over 32,000 Students and 10,000 faculty & staff at all campuses

4,318 acres including 115 Residential & 8 Dining Halls, Police, Fire, Water, Sewer, Cogen Plant

UConn Storrs & Regionals: $1.3 Billion Operating Budget

UConn Health: $1.0 Billion Operating Budget

Storrs
Avery Point
Hartford
Stamford
Waterbury
Farmington

14 schools/colleges; 7 Undergrad (108 majors), 17 Grad & 6 professional degrees

Data: UConn & UConn Health
UConn - a State Agency

UConn is the State’s flagship University

- Operates in a fiercely competitive environment vying for students, patients, faculty (academic, research & clinical) with other public & private higher education institutions & health care entities across the State, country & the world

- Employs over 10,000 State employees across Storrs, regional & Farmington campuses
  - Participates in collective bargaining at the campus level for 5 contracts and with statewide labor contracts for the remaining units; 85% of employees are covered by collective bargaining agreements
  - By virtue of its public status, its employees are covered by statewide fringe benefits for which the University is required to pay statewide fringe benefit rates

- Follows all State procurement, contracting & hiring rules; subject to the Freedom of Information Act; and continuous auditing by the Auditors of Public Accounts

- Provides University expertise & services to numerous State agencies

State Appropriation & Fringe Benefit Funding
- UConn: $370M
- UConn Health: $218M

Salary & Fringe Benefit Expense for Employees not funded by the State
- UConn: $390M
- UConn Health: $375M
  (excludes CMHC)
UConn Impact on Connecticut Economy

- From jobs on campus to partnerships with startup businesses, the economic impact of the University can be felt across the entire state.

- UConn prepares the workforce of tomorrow, pioneers innovation in new products and research, is responsible for 1 out of every 90 jobs in CT, and is committed to supporting communities and the State through the charitable & volunteer work done every year by students, faculty & staff.

- For graduates of the class of 2016:
  - 4 of every 5 are established in CT jobs within a few months of graduating or are continuing their education in CT.
  - 80% of undergrads were employed or pursuing education within 4 months.
  - Almost 80% landing jobs in Connecticut were residents of the state before coming to UConn, and 30% who came to UConn from other states also ended up staying in Connecticut for jobs.
Measures of a Great University

- Federal research
- Membership in national academies
- Faculty awards
- State/industrial research
- Doctoral degrees
- Post-doctoral fellows
- Undergrad education
- Academic reputation
- Student retention
- Faculty resources
- Student selectivity
- Financial resources
- Graduation rate
- Alumni giving rate
- Ability to attract & retain the best faculty & students
- Extensive resources to pursue teaching & research
- Freedom to pursue critical thinking, innovation & creativity

Ideas – People - Infrastructure
Outstanding Academic Quality

UConn has made great strides & needs to continue moving forward!

• Top 25 Public National University (20th) in *U.S. News and World Report*
• Decreased average time to degree to 4.2 years ranks 3rd among Public Research Peers
• Increased number of class offerings by 33%
• Increased academic quality of students
• More than one in three CT high school seniors applying to UConn
UConn Student Success

Incoming Freshmen, Fall 2016 – Class of 2020

- Over 37,000 applicants for the Fall of 2016, a record number
  - From all 50 states, Puerto Rico and 111 countries
- 5,119 freshmen welcomed at all campuses - including 3,822 at Storrs Campus
  - 157 valedictorians & salutatorians (78 vals and 79 sals)
- 71% CT residents, up from 68% last year; in-state and out-of-state mix across all campuses for all undergraduates maintained at 77%/23%
- 37% of freshmen are from minority groups – up from 32% in 2015
- 164 of CT’s 169 cities and towns are represented
UConn Student Success
Freshman Application Trends

- Applications at all campuses have increased 243% from Fall 1995 to Fall 2016
- STEM applicants at the Storrs Campus have increased 29% since Fall 2012

Data: Storrs & Regional Campuses
UConn Student Success
Freshmen Quality

Mean SAT Scores

<table>
<thead>
<tr>
<th>Year</th>
<th>National</th>
<th>UConn</th>
<th>UConn Honors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1997</td>
<td>1013</td>
<td>1112</td>
<td>1189</td>
</tr>
<tr>
<td>2005</td>
<td>1026</td>
<td>1316</td>
<td>1398</td>
</tr>
<tr>
<td>2016</td>
<td>1002</td>
<td>1233</td>
<td>1402</td>
</tr>
</tbody>
</table>

High School Class Rank

<table>
<thead>
<tr>
<th>Year</th>
<th>Top 10%</th>
<th>Top 25%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1997</td>
<td>21%</td>
<td>57%</td>
</tr>
<tr>
<td>2005</td>
<td>37%</td>
<td>80%</td>
</tr>
<tr>
<td>2016</td>
<td>51%</td>
<td>84%</td>
</tr>
</tbody>
</table>

Data: Storrs Campus
UConn Student Success
Freshmen Retention Trend

- Nationally, the total Fall 2014 rate ranks 15th among the 58 Public Research Peer Universities and it is substantially higher than the 82% average for 335 colleges & universities in the national Consortium for Student Retention Data Exchange.

- Fall 2014 minority freshmen retention rate is also substantially higher than the national 81% average.

Data: Storrs Campus
Undergraduate enrollment has increased 61% from 1995 to 2016

<table>
<thead>
<tr>
<th>Fall</th>
<th>Graduate/Professional</th>
<th>Undergraduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995</td>
<td>7,804</td>
<td>14,667</td>
</tr>
<tr>
<td>2005</td>
<td>20,525</td>
<td>7,073</td>
</tr>
<tr>
<td>2012</td>
<td>22,301</td>
<td>7,427</td>
</tr>
<tr>
<td>2015</td>
<td>23,407</td>
<td>7,653</td>
</tr>
<tr>
<td>2016</td>
<td>23,630</td>
<td>7,810</td>
</tr>
</tbody>
</table>

**Residency (All Campuses)**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>In-State Freshmen</strong></td>
<td>83%</td>
<td>78%</td>
<td>68%</td>
<td>71%</td>
</tr>
<tr>
<td><strong>Out-of-State Freshmen</strong></td>
<td>17%</td>
<td>22%</td>
<td>32%</td>
<td>29%</td>
</tr>
<tr>
<td><strong>In-State Undergrads</strong></td>
<td>87%</td>
<td>81%</td>
<td>77%</td>
<td>77%</td>
</tr>
<tr>
<td><strong>Out-of-State Undergrads</strong></td>
<td>13%</td>
<td>19%</td>
<td>23%</td>
<td>23%</td>
</tr>
</tbody>
</table>
UConn Student Success:

Degrees Awarded

- Undergraduate degrees have increased 77% since FY95
- Undergraduate degrees in STEM have increased by 12% since FY13
- Master’s degrees in STEM have increased 13% since FY13
- Doctoral degrees in STEM have increased 15% since FY13
FY17 Operating Budget: $1.3 Billion

Despite continued fiscal pressure, UConn has a balanced budget for FY17

Revenues - $1,319.8M

- Tuition: 28.2%
- State Support: 28.0%
- Fees: 9.4%
- Auxiliary Enterprise: 16.0%
- Research Fund: 7.9%
- Sales & Service Education: 1.5%
- Foundation: 1.5%
- Grants & Contracts: 6.0%
- Other: 1.4%

Expenses- $1,319.3M

- Fringe Benefits: 19.5%
- Personal Services: 38.1%
- Research Fund: 8.1%
- Debt Service/Projects: 1.9%
- Energy: 1.9%
- Student Financial Aid: 12.2%
- Other Expenses: 17.2%
- Equipment: 1.1%

37% of total revenue is funded by students and their families through tuition and fees

Note: Use of decimals may result in rounding differences.
State Appropriation

State appropriations have not kept pace with inflation; therefore, UConn tuition, fees, expense reductions and operational efficiencies must make up for the loss of funding.

*FY17 includes the appropriation after lapses as on 6/8/16.
Tuition is Largest Revenue Source

Starting in FY17, tuition is the largest revenue source, surpassing State support. Based on current projections, the gap will continue to grow in FY18.

*FY17 includes the appropriation and lapses as of 9/27/16.

**FY18 includes a 10% or $36M assumed reduction from FY17 base appropriation per OPM letter dated 6/8/16.
Cost of Attendance in FY17

Current 2016-17 rates for in-state and out-of-state students

<table>
<thead>
<tr>
<th></th>
<th>In-State</th>
<th>Out-of-State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$11,224</td>
<td>$33,016</td>
</tr>
<tr>
<td>Mandatory Fees</td>
<td>2,842</td>
<td>2,842</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td><strong>$14,066</strong></td>
<td><strong>$35,858</strong></td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td>12,172</td>
<td>12,172</td>
</tr>
<tr>
<td><strong>Direct Cost of Attendance</strong>*</td>
<td><strong>$26,238</strong></td>
<td><strong>$48,030</strong></td>
</tr>
</tbody>
</table>

UConn approved a 4 year tuition plan (FY17-FY20) on December 16, 2015 which will provide certainty & transparency for students & parents but the increases in tuition will only cover a portion of the projected operating budget gap in future years.

*Does not include costs for books, supplies, transportation, etc.
# Tuition and Fees vs Competitors

## For Connecticut Residents

<table>
<thead>
<tr>
<th>University</th>
<th>FY17 Published Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UConn</strong></td>
<td>$14,066</td>
</tr>
<tr>
<td>University of Rhode Island</td>
<td>$28,874</td>
</tr>
<tr>
<td>University of Maryland</td>
<td>$32,044</td>
</tr>
<tr>
<td>University of Massachusetts</td>
<td>$32,044</td>
</tr>
<tr>
<td>University of Delaware</td>
<td>$32,204</td>
</tr>
<tr>
<td>Pennsylvania State University</td>
<td>$32,250</td>
</tr>
<tr>
<td>Fordham University</td>
<td>$32,382</td>
</tr>
<tr>
<td>Northeastern University</td>
<td>$40,334</td>
</tr>
<tr>
<td>Quinnipiac University</td>
<td>$43,940</td>
</tr>
<tr>
<td>University of Vermont</td>
<td>$47,653</td>
</tr>
<tr>
<td>University of Connecticut</td>
<td>$48,688</td>
</tr>
<tr>
<td>University of Delaware</td>
<td>$50,240</td>
</tr>
<tr>
<td>University of Massachusetts</td>
<td>$51,065</td>
</tr>
<tr>
<td>University of Vermont</td>
<td>$51,826</td>
</tr>
</tbody>
</table>

For Connecticut residents, UConn offers the best value.

## For Non-Connecticut Residents

<table>
<thead>
<tr>
<th>University</th>
<th>FY17 Published Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UConn</strong></td>
<td>$35,858</td>
</tr>
<tr>
<td>University of Rhode Island</td>
<td>$51,065</td>
</tr>
<tr>
<td>University of Maryland</td>
<td>$51,065</td>
</tr>
<tr>
<td>University of Massachusetts</td>
<td>$50,240</td>
</tr>
<tr>
<td>University of Delaware</td>
<td>$48,688</td>
</tr>
<tr>
<td>Pennsylvania State University</td>
<td>$47,653</td>
</tr>
<tr>
<td>Fordham University</td>
<td>$47,653</td>
</tr>
<tr>
<td>Northeastern University</td>
<td>$43,940</td>
</tr>
<tr>
<td>Quinnipiac University</td>
<td>$43,940</td>
</tr>
<tr>
<td>University of Vermont</td>
<td>$40,334</td>
</tr>
<tr>
<td>University of Connecticut</td>
<td>$35,858</td>
</tr>
<tr>
<td>University of Delaware</td>
<td>$32,044</td>
</tr>
<tr>
<td>University of Massachusetts</td>
<td>$32,204</td>
</tr>
<tr>
<td>University of Maryland</td>
<td>$32,250</td>
</tr>
<tr>
<td>University of Rhode Island</td>
<td>$32,382</td>
</tr>
</tbody>
</table>

For Non-Connecticut residents, UConn is the second highest cost among public flagship institutions.
In-State Tuition and Fees Compared to Public Competitors

In-State tuition and fee rates at competitor public flagship institutions

- Pennsylvania State University: $17,900
- University of Vermont: $17,270
- University of Virginia: $15,722
- University of Maryland: $14,971
- University of Delaware: $14,372
- Rutgers University: $14,066
- UConn: $14,066
- University of Massachusetts: $12,830
- University of Virginia: $10,180
- Stony Brook University: $9,026
- University of North Carolina: $8,834

FY17 Published Rates
Financial Aid

UConn is providing an additional $12.7M in financial aid for FY17

- Approximately 22,300 students (72%) received aid from all known sources in FY16
- The percentage of need-based financial aid to gross tuition is growing to 17.9% which is greater than last year and over the State’s requirement of 15%
- Need based financial aid is $64M out of the $97.2M University supported total

<table>
<thead>
<tr>
<th>Financial Aid ($M)</th>
<th>FY14</th>
<th>FY15</th>
<th>FY16</th>
<th>FY17 Forecast</th>
<th>FY16-FY17 Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Supported</td>
<td>$77.9</td>
<td>$83.5</td>
<td>$84.5</td>
<td>$97.2</td>
<td>$12.7</td>
</tr>
<tr>
<td>State (includes R. Willis Scholarship)</td>
<td>9.4</td>
<td>11.2</td>
<td>14.0</td>
<td>9.6</td>
<td>(4.4)</td>
</tr>
<tr>
<td>Federal (Pell/SEOG)</td>
<td>24.3</td>
<td>25.6</td>
<td>26.0</td>
<td>27.8</td>
<td>1.8</td>
</tr>
<tr>
<td>Other *</td>
<td>20.5</td>
<td>$22.4</td>
<td>26.5</td>
<td>24.9</td>
<td>(1.6)</td>
</tr>
<tr>
<td>Total Aid in Budget</td>
<td>$132.1</td>
<td>$142.7</td>
<td>$151.0</td>
<td>$159.5</td>
<td>$8.5</td>
</tr>
</tbody>
</table>

*Other funding comes from the Foundation, Endowments and other University self-supported areas
Cuts to State Support

Since FY10, UConn has sustained $86.9M in State reductions*, lost fringe and fund sweeps

<table>
<thead>
<tr>
<th></th>
<th>Appropriation</th>
<th>Reduction</th>
<th>Lost Fringe due to Reduction</th>
<th>Fund Sweeps</th>
<th>Total Cut</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY10</td>
<td>$235.3</td>
<td>$(2.3)</td>
<td>$(1.2)</td>
<td>$(8.0)</td>
<td>$(11.5)</td>
</tr>
<tr>
<td>FY11</td>
<td>233.0</td>
<td>(0.4)</td>
<td>(0.2)</td>
<td>(15.0)</td>
<td>(15.6)</td>
</tr>
<tr>
<td>FY12</td>
<td>207.7</td>
<td>(2.1)</td>
<td>(1.1)</td>
<td>-</td>
<td>(3.2)</td>
</tr>
<tr>
<td>FY13</td>
<td>206.1</td>
<td>(10.3)</td>
<td>(5.2)</td>
<td>-</td>
<td>(15.5)</td>
</tr>
<tr>
<td>FY14</td>
<td>203.4</td>
<td>(0.8)</td>
<td>(0.4)</td>
<td>-</td>
<td>(1.2)</td>
</tr>
<tr>
<td>FY15</td>
<td>229.6</td>
<td>(7.4)</td>
<td>(3.7)</td>
<td>-</td>
<td>(11.1)</td>
</tr>
<tr>
<td>FY16</td>
<td>243.2</td>
<td>(2.6)</td>
<td>(1.6)</td>
<td>(13.2)</td>
<td>(17.4)</td>
</tr>
<tr>
<td>FY17**</td>
<td>229.9</td>
<td>(6.9)</td>
<td>(4.5)</td>
<td>-</td>
<td>(11.4)</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$</td>
<td>(32.8)</td>
<td>$(17.9)</td>
<td>$(36.2)</td>
<td>$(86.9)</td>
</tr>
</tbody>
</table>

In addition to $11.4M in cuts already received in FY17, if the State budget is in deficiency, the Governor has the authority to make rescissions of up to 5% or $19.0M

*Reductions = lapses, rescissions, fund sweeps and deficit mitigation
**FY17 includes the appropriation and lapses as of 9/27/16.

Note: Use of decimals may result in rounding differences.
Budget Impact on Faculty and Students

While the University continues to prioritize student and faculty needs, the impact of the budget cuts are being felt around campus and in the classroom.

The student to faculty ratio has increased to 16.9:1 -- this could potentially have an impact on retention and graduation rates and overall rankings.

UConn’s goal is to reach a Student to Faculty Ratio of 15:1.
Operating Budget Risks

- State cuts have totaled $86.9M since FY10 and we are at risk for a maximum of $19M more in cuts during FY17

- University units have taken 12% or $50M of cuts over the last 3 years and additional cuts may begin to further impact the academic mission

- NextGenCT funding is more critical than ever to ensure faculty have labs/equipment needed to compete for grants; STEM students and faculty have great facilities to support research & education; and STEM scholarships and financial aid are funded

- No salary increases included in FY17 budget; uncertainty for FY18 and beyond due to unsettled collective bargaining agreements
Consequences of Additional Budget Cuts: What We Want to Avoid

- Quality of academic programs declines
- Less access for low-income students
- Drop in rankings
- Closing of Regional Campuses
- Increased class sizes
- Fewer courses offered
- Elimination of sports
- Lack of police and fire personnel
- Scarcity of mental health resources
- Reduced maintenance of facilities
- Elimination of academic programs or departments
- Less Graduate/Teaching Assistant support available
Summary

- UConn has increased academic quality over the last few years, including reduced time to graduation and smaller class sizes - we need to protect these investments and continue moving forward

- UConn budget pressures have multiplied due to increased costs and a decline in State funding

- Multiple strategies will be utilized to reach our goal - much work will need to be done on the cost cutting side in the coming months

- UConn is a great university and a great deal for students
Next Generation Connecticut

Overview
Next Generation Connecticut Overview

Thanks to the strong support from the State, UConn continues the transformation of modernizing, rehabilitating and expanding the physical plant of the University through the NextGenCT initiative

- Approved in 2013, NextGenCT is an ambitious 10-year plan (FY15-FY24) to improve UConn’s STEM capabilities. Specifically, the initiative is designed to:
  
  - Build STEM facilities including classrooms, equipment and laboratories
  - Upgrade aging infrastructure to accommodate faculty and students
  - Hire new faculty & enroll more talented undergraduate students primarily in STEM areas (dependent on new State operating funds)
  - Increase research productivity & innovation

- Includes capital and operating components
  
  - Capital Budget $1.5B  Approved
  - Operating Budget $137M  Increase requested in State Appropriation
NextGenCT Capital Budget

**Continued stable funding is essential for execution of the capital plan**

<table>
<thead>
<tr>
<th>Prior Year</th>
<th>FY15</th>
<th>FY16</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
<th>FY22</th>
<th>FY23</th>
<th>FY24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Budget ($M)</td>
<td>$106.4</td>
<td>$205.0</td>
<td>$204.4</td>
<td>$205.3</td>
<td>$260.1</td>
<td>$251.0</td>
<td>$269.0</td>
<td>$191.5</td>
<td>$144.0</td>
<td>$112.0</td>
</tr>
<tr>
<td>Deferral</td>
<td>($26.0)</td>
<td></td>
<td></td>
<td></td>
<td>$26.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Revised Budget</td>
<td>$106.4</td>
<td>$205.0</td>
<td>$204.4</td>
<td>$179.3</td>
<td>$286.1</td>
<td>$251.0</td>
<td>$269.0</td>
<td>$191.5</td>
<td>$144.0</td>
<td>$112.0</td>
</tr>
</tbody>
</table>

- **Completed**
  - Next Generation Hall $101M
  - Putnam Renovation $23M
  - Monteith Renovation $24M

- **Construction**
  - New Hartford Campus $140M
  - Engineering & Science Building $95M

- **Planning & Design**
  - STEM Research Center ~$245M
  - Gant Renovation ~$180M
  - Fine Arts Addition $24M
  - Parking Garages & Lots ~$78M

- **On-going**
  - Major Infrastructure Upgrades (i.e. sewer, water, steam, electrical repairs & upgrades)
  - Deferred Maintenance/Academic Renovations (i.e. roof/HVAC repairs, research lab renovations)
  - Equipment Acquisitions (i.e. fMRI, fire truck, ambulance, CORE-CT implementation)

Note: Chart reflects which fiscal years the funding is phased over for selected major projects and not the specific construction period.
NextGenCT Operating Budget

- Original Plan included $137M phased-in over 10 year period (FY15-FY24)
- Given the State’s fiscal challenges, the FY15, FY16 & FY17 operating funds appropriated were significantly reduced compared to the plan

<table>
<thead>
<tr>
<th>$M</th>
<th>Original Plan</th>
<th>Actual/Proposed*</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY15</td>
<td>$17.4</td>
<td>$7.6</td>
<td>($9.8)</td>
</tr>
<tr>
<td>FY16</td>
<td>$33.8</td>
<td>$19.1</td>
<td>($14.7)</td>
</tr>
<tr>
<td>FY17</td>
<td>$54.0</td>
<td>$18.5</td>
<td>($35.5)</td>
</tr>
</tbody>
</table>

*Due to mid-year rescissions in FY15 & FY16, one-time non-State appropriated funds were used to fulfill the financial commitments of this initiative

- The reduction in funding has negatively impacted our capacity to hire new faculty and will create significant challenges in meeting the enrollment goals of the initiative
- Capital funding is critical to ensure faculty have labs/equipment needed to compete for grants & STEM students have great facilities to support research & education
NextGenCT Progress - Student Growth

Since FY13, total undergraduate enrollment has increased by 1,329 students or 6% despite NextGenCT operating fund shortages – growth at Storrs is more than the planned amount.

- Fall of 2016 enrollment is 23,630, up 223 from the prior year.
- Storrs undergraduate STEM enrollment increased by 29% since FY13.
  - 1,066 of the Storrs STEM students are in engineering which has increased by 54%.
## NextGenCT Progress - Student Growth

<table>
<thead>
<tr>
<th>Category</th>
<th>FY17 Actual</th>
<th>Change from FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshmen Applications: STEM (est)</strong></td>
<td>19,264</td>
<td>4,348 +29%</td>
</tr>
<tr>
<td><strong>Freshmen Applications: Total (est)</strong></td>
<td>37,063</td>
<td>5,700 +18%</td>
</tr>
<tr>
<td><strong>Storrs Undergraduates: STEM</strong></td>
<td>10,303</td>
<td>2,308 +29%</td>
</tr>
<tr>
<td><strong>Storrs Undergraduates: Total</strong></td>
<td>19,324</td>
<td>1,796 +10%</td>
</tr>
<tr>
<td><strong>Undergraduates: Total</strong></td>
<td>23,630</td>
<td>1,329 +6%</td>
</tr>
<tr>
<td><strong>Graduates: Total</strong></td>
<td>7,139</td>
<td>526 +8%</td>
</tr>
<tr>
<td><strong>Bachelor’s Degrees: STEM (FY16)</strong></td>
<td>2,672</td>
<td>285 +12%</td>
</tr>
<tr>
<td><strong>Bachelor’s Degrees: Total (FY16)</strong></td>
<td>5,197</td>
<td>48 +1%</td>
</tr>
<tr>
<td><strong>Masters &amp; Doctoral Degrees: STEM (FY16)</strong></td>
<td>675</td>
<td>83 +14%</td>
</tr>
<tr>
<td><strong>Masters &amp; Doctoral Degrees: Total (FY16)</strong></td>
<td>2,129</td>
<td>262 +14%</td>
</tr>
</tbody>
</table>
NextGenCT Progress - Student Growth

Storrs Engineering undergraduate enrollment increased from 1,978 in FY13 to 3,044 in FY17 or 54%

Why do we need more engineering students?

- Expected workforce growth over next decade in Connecticut:
  - Pratt & Whitney (PW) will hire 8,000 new employees
  - Lockheed Martin-Sikorsky (LM-S) will grow by 8,000
  - Electric Boat (EB) will increase its workforce by 4,000
  - At least 5,000 additional engineers will be needed by these 3 companies alone (based on assumption that 20% of workforce will be engineers)
  - There are at least 200 supply companies to PW, LM-S & EB that will need to significantly ramp up production

- UConn provides majority of employees for these companies – we have a capacity problem in catching up with demand – resources are needed to maintain and increase our graduates
Major Building Openings in FY17

The first 3 major projects of the NextGenCT capital program are complete

Monteith Building Renovation
- This 73,000 square-foot building is the new home for the Math Department
- Budget of $25M – under budget by $1M

Putnam Refectory Renovation
- This 42,000 square-foot dining hall underwent major renovations and will service the new Residence Hall
- Budget of $23M

Next Generation Connecticut Hall
- New 212,000 square-foot facility, with 725 new beds + staff & director apartments
- Budget of $105M - under budget by $4.5M
## NextGenCT Progress

### Projects under Construction

<table>
<thead>
<tr>
<th>Major Projects in Construction</th>
<th>Estimated Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central Campus Infrastructure Repair</td>
<td>Jan 2019</td>
</tr>
<tr>
<td>North Eagleville Road Infrastructure Repair</td>
<td>Fall 2017</td>
</tr>
<tr>
<td>Engineering &amp; Science Building</td>
<td>July 2017</td>
</tr>
<tr>
<td>Hartford Acquisition &amp; Renovation</td>
<td>July 2017</td>
</tr>
<tr>
<td>South Campus Complex Envelope Repair</td>
<td>Fall 2016</td>
</tr>
<tr>
<td>ESCO – Steam Lines</td>
<td>Spring 2017</td>
</tr>
<tr>
<td>DM/Renovations/Equipment</td>
<td>On-going</td>
</tr>
</tbody>
</table>
# NextGenCT Progress

## Projects in Planning/Design

<table>
<thead>
<tr>
<th>Major Projects in Planning/Design</th>
<th>Estimated Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gant Renovations</td>
<td>Dec 2022</td>
</tr>
<tr>
<td>Fine Arts Addition</td>
<td>Fall 2018</td>
</tr>
<tr>
<td>Student Recreation Center (Student fee funded)</td>
<td>July 2019</td>
</tr>
<tr>
<td>Infrastructure Upgrades</td>
<td>On-going</td>
</tr>
<tr>
<td>DM/Renovations/Equipment</td>
<td>On-going</td>
</tr>
</tbody>
</table>

**Images:**
- **Gant Building**
- **Fine Arts Addition**
- **Student Recreation Center**
Next Generation Connecticut
Bioscience Connecticut
UConn Research & Innovation
Driving Economic Growth for Connecticut
University Initiated Pipeline for an Innovation Economy
UConn generates new discoveries that move through translational stages towards commercialization, investment, new companies, and new jobs for Connecticut.
External grants fund groundbreaking basic and applied research to fuel new discoveries and the development of promising technologies.

<table>
<thead>
<tr>
<th>UConn Research Activity</th>
<th>FY16</th>
<th>Change from FY13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposals (M)</td>
<td>$689</td>
<td>+$178 +35%</td>
</tr>
<tr>
<td>Awards (M)</td>
<td>$147</td>
<td>+$68 +86%</td>
</tr>
<tr>
<td>Average Award Size/Faculty (STEM)</td>
<td>$399,661</td>
<td>+$192,044 +92%</td>
</tr>
<tr>
<td>Expenditures (M)</td>
<td>$136</td>
<td>+$13 +11%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UConn Health Research Activity</th>
<th>FY16</th>
<th>Change from FY15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposals (M)</td>
<td>$471</td>
<td>+$7 +2%</td>
</tr>
<tr>
<td>Awards (M)</td>
<td>$86</td>
<td>$16 +23%</td>
</tr>
<tr>
<td>Average Award Size/Faculty</td>
<td>$232,149</td>
<td>+$43,508 +23%</td>
</tr>
<tr>
<td>Expenditures (M)</td>
<td>$89</td>
<td>+$6 +3%</td>
</tr>
</tbody>
</table>
UConn Research & Innovation: Economic Driver for CT

Turning discoveries into products, companies and jobs

- Identify, protect, license and fund the development of new discoveries and Intellectual Property (IP)
- Support company startup creation with investment services, mentoring and entrepreneurial education
- Incubate company startups at 3 state-of-the-art facilities through the Technology Incubation Program (TIP), provide access to University R&D resources to TIP companies, plus business support, mentoring, educational and networking events

Research & Innovation success leads to technology commercialization, creates new companies, new jobs and positions in Connecticut for economic growth
FY16 Technology Commercialization Activity

- 69 invention disclosures received
- 91 U.S. patent applications filed
- 31 patents issued
- 11 licenses & options executed
- $960K licensing revenue
- 2 startup companies formed (FY15)
UConn Research & Innovation: Economic Driver for CT

2 COMMERCIALIZATION & COMPANY CREATION

Technology Incubation Program (TIP)
Recent Data

- **35** companies currently being incubated
- **76%** of incubator space is currently occupied
- **$1.2M** raised in revenue from sales and grants
- **$19.1M** raised in debt & equity funding
- **66** full-time & **38** part-time jobs created

Moving technology from the lab to the market at UConn and UConn Health
What Do We Need to Accelerate Growth?
To build on current strengths, gain momentum and see faster returns, we need:

Dollars
- To more quickly and substantially drive commercialization efforts and transform ideas into products

People
- More faculty – to grow UConn’s Research & Innovation pipeline
- More venture development staff– to support innovation activities, new venture development, etc.

Continued investments to grow UConn’s innovation pipeline drive the growth of CT’s economy
3 SUPPORT & GROW EXISTING INDUSTRIES

Types of University-Industry Partnerships:
• Industry Contracts
• Joint Research Grants
• Student Internships
• Scientific/Engineering Support
• Clinical Trials
• Technology Development
• Shared Equipment
• Proof of Concept Space
• Partner and Startup Co-location (e.g. Industry Partnership Building)

When UConn’s world-class researchers collaborate with industry, economic growth and competitiveness of CT is increased.
UConn Research & Innovation: Economic Driver for CT

3 SUPPORT & GROW EXISTING INDUSTRIES

Innovation Partnership Building (IPB)

- Targets Manufacturers
- Attracts Large Corporations
- Supports Small and Medium-Sized Enterprises in Supply Chain

The Innovation Partnership Building (IPB) connects industry partners and faculty experts in state-of-the-art labs to fuel scientific breakthroughs, advance new products and create high-paying jobs.
UConn Research & Innovation:
Economic Driver for CT

3 SUPPORT & GROW EXISTING INDUSTRIES

Innovation Partnership Building (IPB)

$78M IN INDUSTRY PARTNERSHIPS TO DATE

$25M FEI Center for Advanced Microscopy & Materials Analysis

$7.5M Pratt & Whitney Additive Manufacturing Innovation Center

$6M Comcast Center for Security Innovation

$9M Eversource Energy Center

$10M UTC Institute for Advanced Systems Engineering

$7.5M Flexible Hybrid Electronics Manufacturing Innovation Institute

$7.5M GE Advanced Technology Initiative

$3.6M Connecticut Manufacturing Simulation Center

$2M EDAX Advanced Cameras & Detectors