AGENDA
SoE Faculty & Staff Meeting
Wednesday, October 4, 2017

• Welcome, Call to Order, and Approval of Minutes from the 4/25/2017 meeting
• Welcome and Announcements – Dean Kazerounian
• Research and Graduate Education Updates – Associate Dean Wei
  • CDEE Update – Kylene Perras, Interim Director CDEE
• Strategic Initiatives Update – Senior Associate Dean Accorsi
• Guest Speaker: Radenka Maric, Vice President for Research
• Undergraduate Programs Update – Whitney Losapio, Director Undergraduate Advising
• Engagement in the School of Engineering – Kevin McLaughlin, Director EDOC
• Open Forum
• Adjourn
Graduate Education

Mei Wei
Associate Dean for Research and Graduate Education
Graduate Student Education

• Graduate course requirement
  o MS: 30 credits coursework
  o Ph.D.: 15 credits coursework beyond M.S. degree, and 30 credits coursework beyond B.S. degree

• NSF LSAMP Bridge to Doctorate fellowship
  o 2- year funding
  o 6 spots available, open to all STEM fields
  o Minority students
Professional Development Workshops

• Visa Option after Graduation for International Graduate Engineers
  
  Presented by Dana Bucin, Immigration Attorney
  Date: Monday October 9th 3-5 pm
  Location: OAK HALL 112
  (Coffee and cookies will be available)

• Non-Traditional Careers for Professionals with Graduate Engineering Degrees
  
  Group Panel Discussion
  Date: Wednesday October 18th 12-2 pm
  Location: Student Union Room 304 B
  (Lunch and drinks will be available)
Other Activities

- ENGINE list
  - 17,000 students
  - 35% domestic students
  - 26% female students and 7% minority
  - Average GPA: 3.64

- GEM list
  - Minority student (more than 1,000 students)
  - Average GPA: 3.5

- Ranking promotion
- New faculty reception
- Nomination for Dean’s Excellence Award
Thank You
Continuing and Distance Engineering Education Programs

Kylene Perras, Interim Director

Programs include:
• Master of Engineering (MENG)
• Advanced Engineering Certificate (AEC)

Additional Opportunities:
• Non-Degree (Graduate Courses)
• Corporate Partnership (Customized Training & Development)
CDEE Goals

- Expand the program
- Increase faculty involvement
- Increase Department revenue
- Strategic Plan – Fully Online Courses
- Collaboration with CETL
Benefit to School, Department, and Faculty

1) Building Relationships
2) CETL Financial Incentive
3) Provost Funds (Deadline: October 22nd)
4) Classroom Utilization
5) Course Quality
6) Profitability
7) Faculty Flexibility
Continuing and Distance Engineering Education
Time Frame to Completion

Matriculated MENG (10 classes)
Matriculated Certificate (4 classes)
Spring)

Typical Course Load:

Approx. 3 years (Fall, Spring, Summer)
Approx. 2 years (Fall, Spring, Fall,

1 class/semester
Questions?

Please contact:

Kylene Perras, Interim Director (Kylene.Perras@uconn.edu)
Afshin Ghiaei, Associate Director (afshin@uconn.edu)
Raymond Williams, Associate Director (Raymond.Williams@uconn.edu)
Diane Perko, Program Administrator (diane.l.perko@uconn.edu)
Sarira Motaref, Assistant Director Faculty Development (CETL) (Sarira.Motaref@uconn.edu)
School of Engineering - Faculty Meeting
October 4, 2017

Michael Accorsi
Senior Associate Dean

• FY17 research report (unofficial)
• Research strategies
• Major research initiatives
• Engineering & Science Building status
Research Trends

# of Proposals

- Proposals Submitted
- Proposals Funded

Average Proposal Request & Award

- Average Request
- Average Award

www.engr.uconn.edu
Research Strategies

• Write more proposals
  • Identify good opportunities to pursue
• Write better proposals
  • Grantsmanship skills for junior faculty
  • Provide writing/editing support to faculty
• Pursue larger proposals
  • Identify opportunities, assemble proposal development team, support proposal team
Some Major Research Initiatives

• University Transportation Center – Northeast Region - $12M (submitted)
• AFRL Advanced Manufacturing Proposal - $6M (development)
• National Institute for Undersea Vehicle Technology - $10M - $25M (development)
• DOE Clean Water Hub - $??M
NSF CAREER Workshops

- Assist junior faculty with grantsmanship skills using NSF CAREER preparation
- Encourage faculty to start early and make steady progress throughout the year
- Provide review panels in Spring – thank you for all your help!
- Special thanks to Bethany & Ranjan!

<table>
<thead>
<tr>
<th>Two Years of Data</th>
<th>Total</th>
<th>Successful</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submissions with Workshops</td>
<td>13</td>
<td>5</td>
</tr>
<tr>
<td>Submissions without Workshops</td>
<td>18</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>31</strong></td>
<td><strong>5</strong></td>
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Engineering & Science Building

- Moving in from October – January
- Begin backfilling vacated space in November
- ESB Grand Opening
  - November 14, 11:00 – 1:00
- Special thanks to George, UPDC, our faculty & department heads
Thank you
OVPR supports 1,500 faculty facilitating research, scholarship, and creative initiatives to build and maintain world leadership within:

- Physical sciences and engineering
- Humanities and the arts
- Medicine and dental medicine
- Life sciences and agricultural sciences
- Social sciences
- Professional schools and programs
OVPR Operations Enable Research:

- Research Support and Development
- Core Research Facilities
- Grant Proposal Development
- Award Management
- Research Compliance
- Animal Care
- Technology Commercialization
- Innovation Partnership Building
### Internal Funding Programs:

- Research Excellence Program
- Scholarship Facilitation Fund
- SPARK Tech Commercialization Fund
- Faculty Travel Fund
- Microbiome Research Seed Fund

### Filling the Gaps & Creative Solutions:

- Support interdisciplinary initiatives
- Undergraduate research support
- Bridge funding for short-term gaps
- Research center/institute support
- Non-research IDC returns at Storrs
OVPR GOALS

1. Create a Coherent Vision and Gateway to Discovery

2. Promote Research Community Efforts and Cultivate External Opportunities to Build our Resources

3. Enhance Technology Transfer and Processes, and Build New Initiatives

4. Strengthen UConn’s Image by Promoting UConn’s Strengths & Assets

5. Keep Organizational Effectiveness, Research Integrity and Compliance to the Highest Standards
FY18 OVPR BUDGET
How IDC Recoveries and Other Service Revenues/Fees are Spent

- Research Compliance: 18%
- Research Administration/Development: 44%
- Animal Care: 2%
- Environmental Health and Safety: 9%
- Sponsored Programs: 3%
- Technology Commercialization: 23%
- Centers/Institutes: 1%
- Other Support: 1%
- Faculty Travel: 2%
- Bridge Program and Other Research Support/Match: 1%

Other Revenue Sources Include:
- Animal Care Per diems
- TIP rental income
- TCS Royalties
- Research Core services
Upcoming UG Events

- Thursday 10/5
  - Scholarship Awards Ceremony
    - 5:30 PM – 8:00 PM, Rome Ballroom
- Sunday 10/29
  - Open House #2
    - 9:00 AM – 1:00 PM, Jorgensen
- Monday 10/23
  - Spring 2018 Registration Opens
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OPEN FORUM
Engineering Librarian – Renee Walsh

Computer Science & Engineering
Electrical Engineering
Mechanical Engineering
Engineering & STEM Librarian – Jennifer Chaput

Engineering areas covered:
Biomedical
Chemical & Biomolecular
Civil & Environmental