Three new CEE-led centers were established in 2016:

**Air Pollution Research Center**
With air pollution causing more deaths per year in the U.S. than drug use or road injuries, researchers work to address the nation's pressing need for better air quality. Funded by a $10 million Air, Climate and Energy grant from the Environmental Protection Agency.

**Post-Disaster Data Collection Center**
The collection of high-quality data in the aftermath of earthquakes and wind hazards, such as tornadoes and coastal storms, will be used to develop more resilient infrastructure. Funded by a $4.1 million Natural Hazards Engineering Research Infrastructure grant from the National Science Foundation.

**Supply Chain and Transportation Research Center**
To address pressing challenges associated with delivering goods across the region, researchers work closely with founding industry members Costco, Nordstrom and UPS, as well as the Seattle Department of Transportation, to test new solutions in urban goods delivery.

**UW CEE PRIORITIES**
From landslides to water quality to earthquake preparedness, the need for more resilient urban systems and infrastructure is more critical than ever. Though we are poised to lead the way in preparing engineers to address critical issues, student demand is quickly surpassing capacity. The following priorities will enable us to accommodate even more deserving students:

**Facility improvements and expansion**
Large-scale More Hall renovation plans are being developed to update labs, house more students, and help consolidate faculty and staff. To take pressure off existing facilities, discussions are underway regarding the construction of a new interdisciplinary engineering building to be shared among the 10 engineering programs.

**Student support**
With tuition costs rising dramatically in recent years, bolstering existing undergraduate scholarship and graduate fellowship endowments will enable UW CEE to continue to provide access to diverse communities and attract the best students.

**Faculty recruitment and retention**
UW CEE continues to hire new faculty members at a rate not seen in decades. Adding new professorships and endowed chairs will be key in keeping the department competitive and building the next generation of outstanding faculty.

**LEADING CRITICAL RESEARCH**
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EDUCATION

GRADUATE

• Research experience – senior capstone projects provide

PROGRAM FEATURES
• Lab courses with fieldwork – comprehensive training
results in over 90% passing rate on the Fundamentals of
Engineering test for the Engineer in Training certificate. This
is much higher than state and peer university rates.
• Research experience – senior capstone projects provide
students with opportunities to solve real-world problems.

UNDERGRADUATE

• Thesis or dissertation research – opportunities for leading-
edge, interdisciplinary work
• On-campus and online professional programs with broad
coverage of civil and environmental engineering disciplines

PROGRAM FEATURES
• Required courses and electives in the student’s area of
special focus
• Thesis or dissertation research – opportunities for leading-
edge, interdisciplinary work
• On-campus and online professional programs with broad
coverage of civil and environmental engineering disciplines

STUDENTS

• 2016 NASA fellows
• 2016 Engineering Innovation Challenge grand prize
• 2015 Best Paper, Construction Specialty Conference
• 2015 Dean’s Medal
• 2015 Undergraduate Research Mentor Award
• 2015 AMTA Student Best Paper Award
• 2015 Bonderman Travel fellow
• 28 2015 Washington Asphalt Pavement Association scholars
• Six 2015 Mary Gates scholars

EXCELLENCE

• 2015 Mary Gates scholars
• 2015 Academic Engineer of the Year, Puget Sound
• 2015 Dennis L. Tewksbury Award
• 2016 Nigel Priestley Prize
• 2016 Burwell Award
• 2015 Department of Energy
• 2015 Individual Distinguished Achievement Award, Pacific
Northwest Clean Water Association
• 2015 AEEPS Award for Outstanding Contribution to
Environmental Engineering and Science Education
• 2015 Water Environment Federation fellow

FACULTY

To meet the demand for civil and environmental engineers, the department has recruited faculty members from top
schools and research institutions. In the past seven years, 17
new faculty members have been hired.

COMPETES PROGRAMS

Bachelor of Science (BSCE) – prepares students for diverse
careers in engineering, industry, or graduate work
Master of Science in Civil Engineering (MSCS) – offers
students the opportunity to choose between two Master’s
degree tracks: a research-intensive track and a coursework
only track
Online Master’s Degree Programs – three programs are offered online: Supply Chain Transportation and Logistics, Sustainable Transportation and Construction Engineering
Doctor of Philosophy (PhD) – intensive research prepares
students for advanced-level professional careers in academia and industry

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DEGREE PROGRAMS

Bachelor of Science (BSCE) – prepares students for diverse
careers in engineering, industry, or graduate work
Master of Science in Civil Engineering (MSCS) – offers
students the opportunity to choose between two Master’s
degree tracks: a research-intensive track and a coursework
only track
Online Master’s Degree Programs – three programs are offered online: Supply Chain Transportation and Logistics, Sustainable Transportation and Construction Engineering
Doctor of Philosophy (PhD) – intensive research prepares
students for advanced-level professional careers in academia and industry

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CEE RESEARCH EXPENDITURES FY 2015

Source Amount Percent
US Department of Transportation $2,755,046 24%
National Science Foundation $2,303,704 20%
Department of Energy $1,623,517 14%
NASA $1,289,187 11%
Department of Defense $811,173 7%
Transportation Washington State Department of $560,889 5%
Transportation Diverse - non-federal $558,774 5%
Industry $478,823 4%
Other federal government $399,273 3%
Local government $252,243 2%
NOAA $197,818 2%
National Institute of Health $146,285 1%
Department of the Interior $144,609 1%
TOTAL $11,541,340