NURail Center receives $1.4M US DOT grant

The U.S. Department of Transportation (U.S. DOT) has awarded a grant of $1.4 million to the National University Rail (NURail) Center, a multi-university rail transportation and engineering research center led by the University of Illinois at Urbana-Champaign. Headquartered within CEE at Illinois, the NURail Center was established in 2012 with funding from the U.S. DOT. It was the nation’s first University Transportation Center to focus on rail transportation and engineering. More about the grant

Elashai to serve as dean of engineering at Penn State

CEE at Illinois department head Amr S. Elashai has been selected to be dean of the Penn State College of Engineering. Elashai will step down as head of CEE at Illinois in mid-January 2014. “Penn State is very lucky to have Amr assume the helm of their college of engineering,” wrote Andreas C. Cangellaris, Dean of the College of Engineering at Illinois, in an announcement made Oct. 22. “An exceptional scholar, an inspirational and visionary leader, Amr’s tenure at Illinois marked an impressive period for the CEE department.” More about the move
**Microbes in fish offer key to Asian carp control**

A project to map the microbes present in the digestive systems of fish species holds promise for monitoring the potential presence of Asian carp in Chicago area waterways and ultimately preventing their spread, according to a study published in Nature’s ISME Journal. The work, funded through the U.S. Environmental Protection Agency Great Lakes Restoration Initiative, is being conducted by researchers from the U.S. Geological Survey and CEE Professor Wen-Tso Liu. [More about the Asian carp project](#)

**David Lange wins Fulbright to study in Finland**

Professor David Lange has received a Fulbright Scholarship to conduct research on concrete durability in collaboration with VTT Technical Research Centre in Finland from January to June 2014. VTT is the largest multidisciplinary research organization in Northern Europe. Lange will be developing new experimental techniques to better understand mechanisms that deteriorate concrete and limit service life. [More on Lange’s plans](#)

**Hashash wins ASC’s Ralph B. Peck Award**

Professor Youssef Hashash, the John Burkitt Webb Endowed Faculty Scholar, has won the 2014 Ralph B. Peck Award from the American Society of Civil Engineers. The Ralph B. Peck Award recognizes an individual's outstanding contributions to the geotechnical engineering profession. [Read more about Hashash's award](#)

**New video highlights cross-disciplinary programs**

Three new cross-disciplinary programs in CEE at Illinois are giving students a systems-level perspective and real-world experience. Learn more in this new 3-minute video. [View the video](#)