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FROM THE NATIONAL ACADEMIES

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FOR IMMEDIATE RELEASE

INNOVATIVE EARLY-CAREER ENGINEERING FACULTY SELECTED TO PARTICIPATE IN NAE'S SECOND FRONTIERS OF ENGINEERING EDUCATION SYMPOSIUM

WASHINGTON – Fifty-three of the nation's most innovative young engineering educators have been selected to take part in the National Academy of Engineering's second Frontiers of Engineering Education (FOEE) symposium. Early-career faculty members who are developing and implementing innovative educational approaches in a variety of engineering disciplines will come together for the 2-1/2-day event, where they can share ideas, learn from research and best practice in education, and leave with a charter to bring about improvement in their home institution. The attendees were nominated by fellow engineers or deans and chosen from a highly competitive pool of applicants.

"The Frontiers of Engineering Education program creates a unique venue for engineering faculty members to share and explore interesting and effective innovations in teaching and learning," said NAE President Charles M. Vest. "We intend for FOEE to become a major force in identifying, recognizing, and promulgating advances and innovations in order to build a strong intellectual infrastructure and commitment to 21st-century engineering education."

This year's program will focus on ways to ensure that students learn the engineering fundamentals, the expanding knowledge base of new technology, and the skills necessary to be an effective engineer or engineering researcher. "In our increasingly global and competitive world, the United States needs to marshal its resources to address the strategic shortfall of engineering leaders in the next decades," said Edward F. Crawley, Ford Professor of Engineering at Massachusetts Institute of Technology, and the chair of the FOEE planning committee. "By holding this event, we have recognized some of the finest young engineering educators in the nation, and will better equip them to transform the educational process at their universities."

The symposium will be held Dec. 13-16 in Irvine, Calif.

The following engineering faculty members were selected as attendees:

Robin Adams	Purdue University
Theodore Allen	Ohio State University
Brian Anderson	West Virginia University
Burcin Becerik-Gerber	University of Southern California
Brian Bingham	University of Hawaii
Paul Blowers	University of Arizona
Victor Breedveld	Georgia Institute of Technology
Sean Brophy	Purdue University
Shane Brown	Washington State University
Lisa Bullard	North Carolina State University
David Cappelleri	Stevens Institute of Technology

Solomon Diamond	Dartmouth College
Mario Eden	Auburn University
Mark Embree	Rice University
Deniz Erdogmus	Northeastern University
Michael Falk	Johns Hopkins University
Vinay Gupta	University of South Florida
William Hale	University of Arkansas
Robert Hampshire	Carnegie Mellon University
Jamie Hestekin	University of Arkansas
Anette Hosoi	Massachusetts Institute of Technology
Bryan Huey	University of Connecticut
Ben-Tzion Karsh	University of Wisconsin
Michael Kessler	Iowa State University
Diana Lados	Worcester Polytechnic Institute
Michel Maharbiz	University of California, Berkeley
Ellis Meng	University of Southern California
Melissa Micou	University of California, San Diego
Thomas Murphy	University of Maryland
Scott Olson	University of Illinois at Urbana-Champaign
Matthew Parkinson	Pennsylvania State University
Rorik Peterson	University of Alaska Fairbanks
Stella Quinones	University of Texas at El Paso
Daniel Ratner	University of Washington
Florence Sanchez	Vanderbilt University
Veronica Santos	Arizona State University
Michael Scarpulla	University of Utah
Chris Schaffer	Cornell University
Michael Scott	University of Illinois at Chicago
Jeffrey Siegel	University of Texas at Austin
Kathleen Sienko	University of Michigan
Robert Siston	Ohio State University
Paul Sivilotti	Ohio State University
Christopher Swan	Tufts University
Johnna Temenoff	Georgia Institute of Technology
Raymond Tu	City College of New York
Kathleen Wage	George Mason University
Keisha Walters	Mississippi State University
Karen Willcox	Massachusetts Institute of Technology
Tao Xing	Tuskegee University
Mark Yeary	University of Oklahoma
Muhammad Zaman	Boston University
Katherine Ziemer	Northeastern University

The planning committee members of the 2010 symposium are:

Edward Crawley (Chair)	Massachusetts Institute of Technology
Diran Apelian	Worcester Polytechnic Institute
Theresa Maldonado	Texas A&M University
Sheri Sheppard	Stanford University
Larry Shuman	University of Pittsburgh
Karl Smith	University of Minnesota/ Purdue University
Jacquelyn Sullivan	University of Colorado at Boulder

The 2010 Frontiers of Engineering Education symposium is sponsored by the O'Donnell Foundation.

The National Academy of Engineering is an independent, nonprofit institution that serves as an adviser to government and the public on issues in engineering and technology. Its members consist of the nation's premier engineers, who are elected by their peers for their distinguished achievements. Established in 1964, NAE operates under the congressional charter granted to the National Academy of Sciences in 1863.

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