2016-2017 FACULTY HONORS

AWARDS

- Holly Eikund (AMS) - 2017 Martin Luther King Jr Faculty Recognition Award
- Vaughn Griffiths (CEE) - 2017 H. Bolton Seed Lecturer and Medal, ASCE Geo-Institute
- Tissa Illangasekare (CEE) - Groundwater Prize, Prince Sultan Bin Abdulaziz International Prize for Water
- Robert Kee (ME) - Bernard Lewis Gold Medal, The Combustion Institute
- Ning Lu (CEE) - ASCE Ralph B. Peck Award
- Kate Smits (CEE) - vadose Zone Journal Associate Editor Excellence Award
- Aaron Stabner (ME), representing ADAPT - Genesis Award, JeffCo Economic Development Corporation 24th Annual Industry Appreciation Awards
- Anne Silverman (ME) - 3M Young Faculty Investigator Award

RESEARCH/GRANTS

- Hua Wang (CS) - NSF CAREER Award - machine-learning model for data mining; easier, earlier and less-costly detection of neurological diseases such as Alzheimer’s or Parkinson’s
- Xiaoli Zhang (MB) - NSF CAREER Award - human-robot interaction teleoperations
- Marta Gutierrez, Mike Mooney, Shilling Pei, Panos Kiousis (CEE) - $1.5 million from DOE Geothermal Technologies Office - seismic design methodology for tall wood buildings
- $1.5 million from NSF - innovative, cost-effective technologies to manage stormwater runoff and combined sewer overflows
- Mark Dalbert (MB) - part of $21 million DOE grant - develop intuitive, web-based tool to compare different energy generation options by cost, carbon intensity, resource use, capacity and reliability
- Ning Lu (CEE) - ASCE Ralph B. Peck Award
- $2 million CHECRA award - supplement to ReNUWIt
- Tissa Illangasekare (CEE) - $2.1 million DOE grant - develop intuitive web-based tool to compare different energy generation options by cost, carbon intensity, resource use, capacity and reliability

LEADERSHIP

- Tissa Illangasekare (CEE) - 4-year term on Nuclear Radiation Studies Board, appointed by President of National Academy of Sciences
- Tissa Illangasekare (CEE) - U.S. Nuclear Waste Technical Board, appointed by President Barack Obama
- Greg Fasshauer (AMS) - Co-organizer, 15th International Conference in Approximation Theory
- Steve Pennavich (AMS) - Treasurer, SIAM Central States Section

KEYNOTE & PLENARY LECTURES

- Tracy Camp (CS) - Keynote Address, Jefferson County International Women’s Day Luncheon
- Greg Fasshauer (AMS) - Plenary Speaker, 2016 Curves and Surfaces Conference
- Mahedavan Ganas (AMS) - "Efficient Computational Algorithms for Simulating Wave Propagation", Pontificia Universidad Catolica de Chile in Santiago, Chile
- Vaughan Griffiths (CEE) - "Cross Canada Lecturer", Canadian Geotechnical Society
- Greg Jackson (ME) - Keynote Address, Chemference 2016 National Conference on Chemical Processing
- Bob Kee (ME) - Plenary Lecture, "Catalytic Processes for the Conversion of Natural Gas to Logistic Fuels and Chemicals", International Combustion Symposium
- Kamini Singha (CEE) - 2017 Darcy Lecturer, National Groundwater Research and Educational Foundation
- Aaron Stabner (ME) - Keynote Speaker, "Hysteresis, Avalanches, and Interfaces in Solid Phase Transformations", Mathematical Institute in Oxford, UK

NOTED PAPERS & PUBLICATIONS

- Atef Elsherbeni (EE) - co-author of book, Adjoint Sensitivity Analysis of High Frequency Structures with MATLAB
- Atef Elsherbeni and Payam Nayeri (EE) - cochairs of a book, Analysis and Design of Transmitarray Antennas
- Kristoph Khall (CEE) - 2017 ASCE EWRI Honorable Mention Paper Award, "Validation of a Decision Support System for Improving Irrigation System Performance", Journal of Irrigation and Drainage Engineering
- Hao Zhang and Hua Wang (CS) - Best Paper Finalist, Robotics: Science and Systems Conference