



# All Things Research 2016

Tuesday, July 12, 12:30 p.m.  
National Press Club, Holeman Lounge

Join the Association of American Universities and The Science Coalition for an on-the-record, roundtable discussion with senior research officers from top U.S. universities.

Moderated by Mike Waring, executive director of federal relations at the University of Michigan, the roundtable will cover:

1. The innovation imperative: what does our nation need to do to bolster innovation?
2. Research and society's grand challenges
3. The tough issues facing science today

## Participants



**[Gerald C. Blazey](#), Interim Vice President for Research and Innovation Partnerships, Northern Illinois University.** Gerald Blazey is an internationally prominent scientist with extensive experience in experimental particle physics. From 2011-2014, he served as a senior policy advisor at the Office of Science and Technology Policy in the Executive Office of the U.S. President, where he helped develop President Obama's budgets for the National Science Foundation and U.S. Department of Energy. Prior to joining NIU faculty in 1996, Dr. Blazey was a top scientist at Fermilab.



**[Kimberly Andrews Espy](#), Senior Vice President for Research, University of Arizona.** Kim Espy is a translational clinical neuroscientist who has done pioneering work on assessing learning and development in preschoolers. She joined University of Arizona in 2014 from the University of Oregon. At UA she is responsible for university interdisciplinary research centers and institutes, as well as three museum and central core facilities. Dr. Espy is a recipient of the Rita G. Rudel Award for Pediatric Neuropsychology/Developmental Cognitive Neuroscience and the Early Career Award from Division 40 of the American Psychological Association.



**[Terri Fiez](#), Senior Vice President of Research, University of Colorado Boulder.** Terri Fiez's research focuses on analog and mixed-signal integrated circuits and approaches to innovative education. Prior to taking over leadership of research at CU-Boulder, Dr. Fiez spent 15 years at Oregon State University. She has authored more than 150 publications and is a former National Science Foundation Young Investigator awardee. In addition to her work in academia, she has worked with industry and several start-up companies, including co-founding Azuray technologies.



**[Venu Govindaraju](#), Vice President for Research and Economic Development, University at Buffalo.** Venu Govindaraju's research focuses on machine learning and pattern recognition and his seminal work in handwriting recognition was at the core of the first handwritten address interpretation system used by the U.S. Postal Service. Globally recognized for his groundbreaking research, Dr. Govindaraju has received numerous honors, including the 2015 IAPR/ICDAR Outstanding Achievements Award from the International Conference on Document Analysis and Recognition. He holds four patents and has authored or co-authored some 400 scientific papers.

Continued

## Participants continued



**Jack Hu, Vice President for Research, University of Michigan.** Jack Hu's teaching and research interests include manufacturing systems design and operations, assembly modeling, and statistical quality methods. He is the recipient of various awards, including the SME Outstanding Young Manufacturing Engineer Award, National Science Foundation CAREER Award, and the College of Engineering Research Excellence Award. Dr. Hu is a fellow of the American Society of Mechanical Engineers (ASME) and a fellow of the International Academy for Production Engineering (CIRP). He was elected to the National Academy of Engineering in 2015.



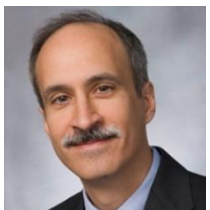
**Charles Riordan, Deputy Provost for Research and Scholarship, University of Delaware.** Formerly the Chair of the Department of Chemistry and Biochemistry at UDel, Charles Riordan specializes in inorganic chemistry, and particularly, bioinorganic chemistry. His work examines the interplay of metals in biology and human health. Dr. Riordan is an elected fellow of both the Royal Society of Chemistry and the American Association for the Advancement of Science, he received the 2013 American Chemical Society Delaware Section Award for his scholarly research.



**Suzanne Rivera, Vice President for Research, Case Western Reserve University.** Suzanne Rivera also is an assistant professor of bioethics, focusing on research ethics, science policy, social inequality in clinical trials, animal care and use, and scientific integrity. In addition to her university duties, Dr. Rivera serves as an appointed member to the U.S. Environmental Protection Agency's Human Studies Review Board (HSRB) and the National Board of the Council on Governmental Relations.



**David Savitz, Vice President for Research, Brown University.** David Savitz additionally is a Professor of Epidemiology at Brown's School of Public Health, with a joint appointment in Obstetrics and Gynecology in the Alpert Medical School. His research has addressed a wide range of many important public health issues including hazards in the workplace, the environmental effects of energy development, childhood obesity, pesticides and breast cancer, pregnancy health risks from environmental exposures, drinking water safety, and ethnicity and birth outcomes. Dr. Savitz is a member of the National Academy of Sciences Institute of Medicine.



**Yousif Shamoo, Vice Provost for Research, Rice University.** Yousif Shamoo is a structural biologist and the former director of the Institute of Biosciences and Bioengineering at Rice University. His research interests lie in the evolution and development of multi-drug resistant pathogens or "superbugs" that plague the health care system. Dr. Shamoo has won the George R. Brown Award for Superior Teaching at Rice three times and has been honored for outstanding teaching practices in the sciences by Brown College. He is associate editor of Protein, Structure, Function and Bioinformatics and a reviewer for more than a dozen scientific journals.



**James W. Tracy, Vice Chancellor for Research, University of Kansas.** In his role as vice chancellor, Jim Tracy oversees 10 research centers, two state surveys, two affiliated centers, and the core research laboratories. He also serves as president of the KU Center for Research, Inc., and shares overall responsibility for the bi-campus KU Innovation and Collaboration technology commercialization office. Previously, Tracy was vice president of research at the University of Kentucky from 2007 to 2014, as well as executive director and vice president of the University of Kentucky Research Foundation.



### Contacts & RSVP:

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### Event Details

Tuesday, July 12<sup>th</sup>  
12:30 – 2 p.m.  
National Press Club / Holeman  
Lounge  
Lunch will be available