

Contact: Diana Gonzalez

**FACULTY PRESENTATION AT IOWA STATE UNIVERSITY:
“SCIENCE WITH SYNERGY: U.S. DEPARTMENT OF ENERGY AMES LABORATORY AND
IOWA STATE UNIVERSITY”**

Action Requested: Receive the presentation.

Executive Summary: Adam Schwartz, director of the Department of Energy’s (DOE’s) Ames Laboratory, and Kristen Constant, chair of the Materials Science and Engineering Department at ISU, will provide an overview of the Lab, its unique relationship with ISU and its work to address the global need for advanced materials.

Kristen Constant, Morrill Professor and Wilkinson Professor Interdisciplinary Engineering, chairs ISU’s Department of Materials Science and Engineering. She also serves as an associate scientist in the U.D. Department of Energy’s Ames Laboratory. Professor Constant, a native of Osceola, holds a bachelor’s degree in ceramic engineering from ISU and a doctorate in materials science and engineering from Northwestern University. She is an expert in the design, fabrication, and energy applications of photonic structures, and is noted for her efforts in materials engineering education, as well as broadening participation in STEM field. She completed a post-doctoral fellowship at the Massachusetts Institute of Technology and served as a laboratory graduate at the Argonne National Laboratory in Illinois before joining the ISU faculty in 1992.



Adam Schwartz was named director of the DOE’s Ames Laboratory in April 2014. He holds bachelor’s and master’s degrees in metallurgical engineering and a Ph.D. in materials science and engineering, all from the University of Pittsburgh. Dr. Schwartz is an accomplished researcher whose work has focused on plutonium aging and alloys, advanced characterization, and the dynamic properties of materials. Prior to joining the Ames Laboratory, he served as division leader of the Condensed Matter and Materials Division at the Lawrence Livermore National Laboratory where he coordinated its projects with the Critical Materials Institute, a \$120 million DOE Energy Innovation Hub led by the Ames Laboratory. In addition to his current duties as Ames Laboratory director, Dr. Schwartz holds the rank of tenured professor in ISU’s Department of Materials Science and Engineering.

