

# ARPA-E: OPPORTUNITIES FOR STUDENTS, POSTDOCS, AND FACULTY AND AN OVERVIEW OF ITS AGRICULTURAL PORTFOLIO

**Wednesday, March 4, 2015**

Room 612, IGB Building, 1206 W. Gregory Drive  
11:30 AM – 12:30 PM

## **Pizza lunch provided**

Please RSVP to Bruce Barnes  
(bdbarnes@illinois.edu) by March 2nd



**Dr. Joe Cornelius** currently serves as a Program Director at the Advanced Research Projects Agency-Energy (ARPA-E). His focus at ARPA-E includes bioenergy production and conversion as a renewable and sustainable energy source, transportation fuel, and chemical feedstock—applying innovations in biotechnology, genomics, metabolic engineering, molecular breeding, computational analytics, remote sensing, and precision robotics to improve biomass energy density, production intensity, and environmental impact.



**Dr. David Brown** currently serves as an ARPA-E Fellow, with interests in smart manufacturing, thermoelectrics, and functional metallurgy. Dr. Brown received his Ph.D. in Applied Physics at the California Institute of Technology, under the guidance of Dr. G. Jeffrey Snyder. He was named a Resnick Sustainability Institute Fellow.

THE ADVANCED RESEARCH PROJECTS AGENCY-ENERGY (ARPA-E) ADVANCES HIGH-POTENTIAL, HIGH-IMPACT ENERGY TECHNOLOGIES THAT ARE TOO EARLY FOR PRIVATE-SECTOR INVESTMENT. ARPA-E PROJECTS HAVE THE POTENTIAL TO RADICALLY IMPROVE U.S. ECONOMIC SECURITY, NATIONAL SECURITY, AND ENVIRONMENTAL WELL-BEING. ARPA-E EMPOWERS AMERICA'S ENERGY RESEARCHERS WITH FUNDING, TECHNICAL ASSISTANCE, AND MARKET READINESS.

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