



ACEP
Alaska Center for Energy and Power

ACEP Visiting Researcher Investing in Energy Innovation Leadership

Dane Boysen, Program Director

Department of Energy

Advanced Research Projects Agency (ARPA-E)

How would you like \$60 million to spend on developing cutting-edge technology to solve the important energy problems in the country? That is Dr. Dane Boysen job at the Advanced Research Projects Agency-Energy (ARPA-E), U.S. Department of Energy. As a program director at the newly established agency—charged with ensuring the nation’s leadership in energy technology—Boysen has invested in technologies from natural gas compressors to next generation batteries at institutions that span the nation. What lessons might be learned from ARPA-E and how could Alaska grow their own local energy innovation ecosystem?

When: December 2nd 12:00 - 1:00PM

Where: ACEP Energy Technology Lab

The Energy Technology Facility (Lab) is located directly to the West of the Power Plant and across the street from the Lola Tilly. (Directions on reverse side) QR code located at bottom of page



Dr. Dane Boysen currently serves as a Program Director at the Advanced Research Projects Agency-Energy (ARPA-E). His main focuses include: electrochemical energy conversion and storage; natural gas conversion and storage technology; and materials for energy storage and conversion. Prior to joining ARPA-E, Boysen led the development of a grid-scale energy storage liquid metal battery at the Massachusetts Institute of Technology (MIT) under Professor Donald Sadoway.

Originally from Alaska, Boysen received his M.S. (2001) and Ph.D. (2004) in Materials Science at the California Institute of Technology—where he investigated the transport properties, phase transitions, and atomic structure of solid acid proton conductors under Professor Sossina Haile.



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Red Arrow: Directions from College Rd and University Ave/Farmers Loop Rd onto Alumni Dr.



Blue Arrow: Direction from Geist Rd and Thompson Dr. turn right onto Tanana Loop E

UAF Fairbanks Campus

