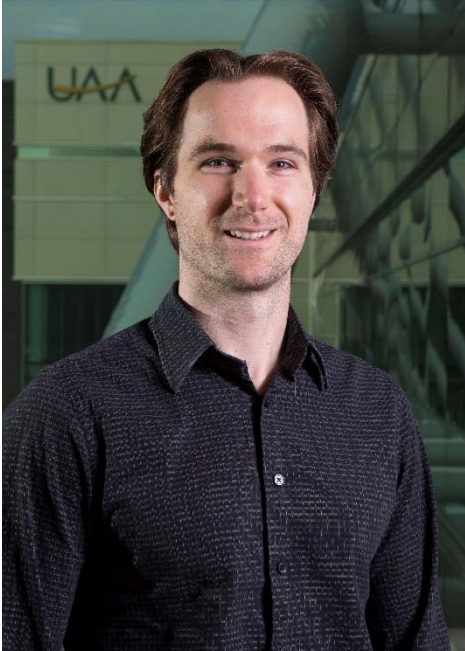




UAA College of Engineering  
UNIVERSITY of ALASKA ANCHORAGE



UAA Professional Development Seminar Series

## **Injectable Bentonite Inhibitors for Corrosion Under Insulation (CUI)**

Presented by [Professor Matt Cullin](#) (UAA)

Corrosion Under Insulation (CUI) presents a significant threat to pipeline infrastructure in cold climate locations. Pipeline maintenance costs associated with CUI account for a significant portion of the operational expenses incurred by the oil and gas industry in Alaska.

Inspection and remediation activities are expensive and, under some circumstances, unreliable. Professor Cullin will summarize the challenges associated with CUI, and present the results of a research project funded by the Pipeline and Hazardous Materials Safety Administration (PHMSA), which explored the viability of injectable sodium bentonite inhibitors to mitigate CUI.

**Matt Cullin** is an Associate Professor in the Mechanical Engineering Department, and Director of the BP Asset Integrity and Corrosion Lab at UAA. Dr. Cullin earned his Ph.D. in Mechanical Engineering from Lehigh University.

Friday, February 16, 2018

11:45 am - 12:45 pm

UAA Engineering & Industry Building

EIB 211