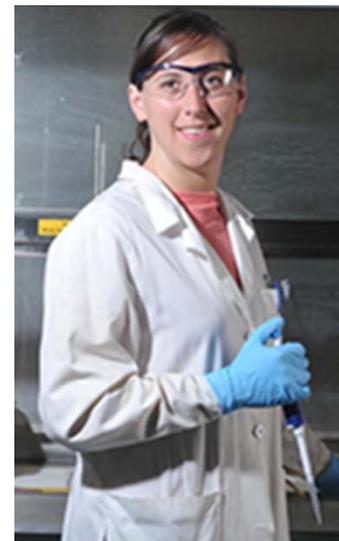


## Meet the Presenter...

*Dr. Jenifer Braley*



Dr. Braley joined the faculty at the Colorado School of Mines (CSM) in the fall of 2012 after two years at Pacific Northwest National Laboratory. During her undergraduate research, she studied the solid-state synthesis of  $f$ -block elements at Colorado State University with Professor Peter Dorhout. In 2006 she worked with Dr. Ken Nash at Washington State University, where she examined the fundamental solution chemistry of the  $f$ -elements relevant to solid-liquid and liquid-liquid separations chemistry. While completing graduate school, she participated in an internship at Eichrom Technologies with Dr. Phil Horwitz, and bolstered her understanding of extraction chromatographic (solid-liquid) separations. She is currently the Program Chair for the American Chemical Society (ACS) Division of Nuclear Science and Technology, and a member of the ACS Younger Chemist Committee. Since joining the faculty at CSM, she has developed coursework and leads a research group that educates students on the fundamental and applied concerns of nuclear chemistry and radiochemistry (including the nuclear fuel cycle, nuclear forensics, and radioisotope production). As a member of the Nuclear Engineering Program at CSM, she actively engages the U.S. Geological Survey 1 MW TRIGA Nuclear Reactor at the Denver Federal Center to accomplish research and educational goals. She is a 2010 recipient of a DOE Innovations in Fuel Cycle Research award, 2013 recipient of a DHS SCUREF Junior Faculty award, and 2014 recipient of a DOE Early Career award.



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