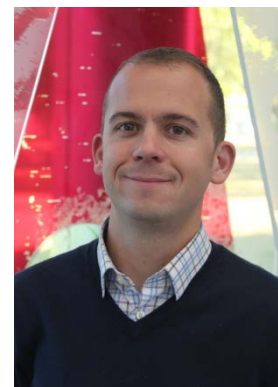


Meet the Presenters...

Dustin May is a Ph.D. candidate in Human Toxicology at the University of Iowa working with Michael Schultz. He is an NRC Radiochemistry Fellow studying naturally occurring radioactivity in Iowa groundwater and its impact to public health, specifically focused on less well-understood radionuclides, polonium-210 and lead-210. He is also the manager of the State Hygienic Laboratory's radiochemistry department. May earned a B.S. in Chemistry also from the University of Iowa in 2006. He expects to graduate in December 2018.

Contact Information: dustin-may@uiowa.edu

Presentation: **Polonium-210 and lead-210 in groundwater**



Meet the Presenters...

Brennan Ferguson is a Ph.D. student in Environmental Engineering and Earth Sciences at Clemson University working with Brian Powell. She is doing multi-scale experimental research on organic ligand facilitated dissolution of uranyl-phosphate minerals as part of a DOE Established Program to Stimulate Competitive Research (EPSCoR) task force. Ferguson has a B.A. in Chemistry and Environmental Studies from Alfred University in 2015 and expects to complete her Ph.D. work in December 2020.

Contact Information: bofergu@g.clemson.edu

Presentation: **Uranyl-phosphate mineral dissolution in the presence of organic ligands**



Meet the Presenters...

Frances Zengotita is an undergraduate student pursuing a dual degree in Chemistry (B.S.) and English (B.A.) at Florida International University. She is a Department of Energy Fellow, a former Nuclear Regulatory Commission Scholar and a Ronald E. McNair Fellow under the mentorship of Dr. Hilary Emerson. Her research focuses on laboratory experiments to update risk assessment models on the behavior of the actinide series elements under high ionic strength conditions relevant to the WIPP. Zengotita expects to graduate in Spring 2019.

Contact Information: fzeng002@fiu.edu

Presentation: **Nd³⁺ Sorption to WIPP-Relevant Minerals**



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