

# Meet the Presenters...

**Ana Arteaga** is a Ph.D. student in Inorganic Chemistry at Oregon State University working with Dr. May Nyman. She is a part of the NNSA Actinide Center of Excellence (ACE), where she focuses on understanding the formation of uranyl peroxide clusters in solution and the role peroxide plays in the reaction mechanism. Arteaga earned a B.S. in Chemistry from The University of California, Merced in 2015. She is expected to graduate Summer 2020.

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Presentation: **Fundamental Understanding of the Uranyl Peroxide Bond**



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**Maurice K. Payne** is a Ph.D. student in chemistry at the University of Iowa working with Professor Tori Forbes. He is Sloan Scholar doing inorganic materials synthesis with a focus on metal-organic species and their interactions with water. Payne has a B.S. in chemistry also from the University of Iowa in 2013.

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Presentation: A Uranyl Nanotube: exploring actinide based hybrid materials.



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**Haylie Lobeck** is a Ph.D. student in Actinide Chemistry and Minerology at the University of Notre Dame working with Dr. Peter Burns. She is doing experimental research on the dissolution of uranium materials in uranyl peroxide nanocluster forming environments as part of the NNSA Actinide Center of Excellence (ACE). Lobeck earned a B.S. in Chemistry from Arcadia University in 2014. She is expected to graduate in May 2019.

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Presentation: **Transformation of sparingly soluble uranyl mineral phases to highly soluble nanoscale cage clusters**



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