

Group on Women in Medicine and Science Lunch and Learn Seminar

November 13, 2019 • 12:00-1:00 p.m. • Onyiuke Dining Room

Hosted By:

Marja Hurley, M.D., Professor of Medicine and Orthopedics
Institutional Designee, AAMC, Group on Women in Medicine and Science



Guest Speaker

Alix Deymier, PhD

Assistant Professor of Biomedical Engineering,
School of Dental Medicine, UConn Health

Finding the Balance: A Story About Life and pH

Alix Deymier, Ph.D., has been an assistant professor in Biomedical Engineering at the UConn School of Dental Medicine since 2017. She is interested in studying the role of mineral composition, structure, and organization on the mechanics of mineralized biological tissue especially in the context of acid-base interactions in the body. Her interests focus on how pH modifying pathologies such as acidosis and unloading can affect bone structure and function at the nano-, micro-, and macro-scales. She was previously a postdoctoral fellow in Orthopedic Surgery at Columbia University and Washington University where she had an NSBRI

fellowship studying the role of mineral structure and organization on the mechanics of biological systems in microgravity. She obtained her Ph.D. in Materials Science and Engineering at Northwestern University where she was a NDSEG and NSF Graduate Fellow working with High Energy X-ray Diffraction to study load transfer and mineral structure in mineralized biological systems. She completed her B.S. in Materials Science and Engineering at the University of Arizona in 2006 with a specialization in spectroscopy and the science of cultural heritage materials.

– A discussion to follow on balancing a successful academic work-life career. –

RSVP required by emailing Rollins@uchc.edu or call: (860) 679-3484.

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