



THE UNIVERSITY OF ARIZONA
COLLEGE OF MEDICINE TUCSON

Physiology

Seminars in Translational & Advanced Research (STAR)

Friday, November 7
Arizona Health Sciences Center
Room 8403
11:00am - 12:00pm

<https://arizona.zoom.us/j/85062222452>



Carrie McDonough, PhD
*Associate Professor of Chemistry
Carnegie Mellon University*

"Our Fluorinated Fingerprint: Understanding Bioaccumulation of Per/Polyfluoroalkyl Substances (PFASs)"

Carrie McDonough is an Associate Professor of Chemistry at Carnegie Mellon University, where her research group investigates how known and novel organic contaminants accumulate and transform in the body using high-resolution mass spectrometry and ion mobility spectrometry. She completed her B.Sc. in Chemistry and MIT and her Ph.D. in Chemical Oceanography at the University of Rhode Island, then completed a postdoctoral fellowship at the Colorado School of Mines, where she developed methods to discover novel PFASs in human blood. Her work explores how molecular structure and chemical properties determine the impacts of contaminants on aquatic food webs and human health.

Hosted by: Jason Wu