Dugan Hayes

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Current Position

- Associate Professor of Chemistry, University of Rhode Island

Education & Employment History

- B.S. in Chemistry, MIT, 2008
- Ph.D. in Physical Chemistry, The University of Chicago, 2013
- Postdoctoral researcher, Argonne National Laboratory, 2013 – 2017
- Assistant Professor, University of Rhode Island, 2017 – 2023
- Associate Professor, University of Rhode Island, 2023 – present

Honors & Activities

- Joseph J. Katz Postdoctoral Fellow, Argonne National Laboratory, 2014 – 2017
- APS Pump-Probe Proposal Review Panel, 2019 – present; Chair 2021 – present
- NSLS-II Spectroscopy Proposal Review Panel, 2020 – 2023; Vice-Chair, 2023
- Department of Energy Early Career Award, 2022

Interests

- X-ray absorption and emission spectroscopy
- Pump-probe/ultrafast X-ray spectroscopy
- Nuclear resonance scattering and spectroscopy
- Photochemical and photophysical dynamics
- Photocatalytic transition metal complexes

Ideas for Advocacy for the User Community

The timing structure of the APS fundamentally limits what types of experiments are possible for several techniques – in particular, pump-probe XAS/XES and SAXS/WAXS; time-resolved crystallography; and nuclear forward scattering. I hope to serve on the UEC to represent and advocate for the community of users that rely on these techniques to make sure our needs are considered as upper-level decisions are made regarding the distribution of timing modes in the post-upgrade landscape.