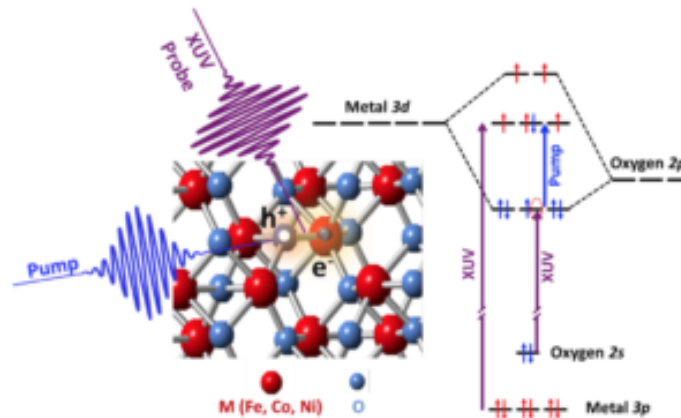




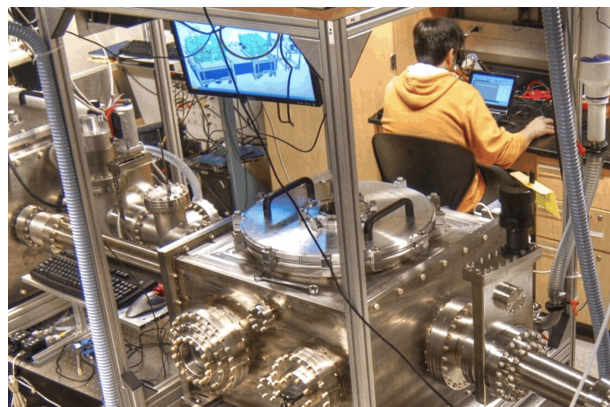
# NSF Research Experiences for Undergraduates Program

Experimental and Computational Spectroscopy:

Fundamental Probes of Molecules, Molecular Interactions, and Materials

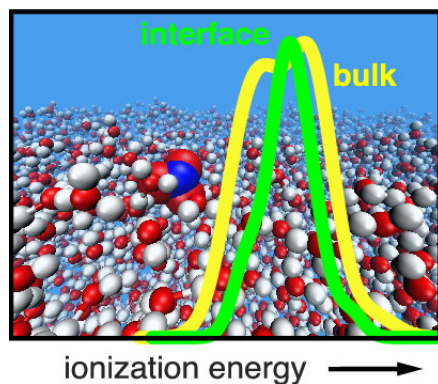


- 10-week program in physical chemistry, summer 2023 ([spectroscopy-reu.osu.edu](http://spectroscopy-reu.osu.edu))
- **Applications due in early 2023**
- Facilities include:
  - ✓ National eXtreme Ultrafast Science (NeXUS) Center ([nsf-nexus.osu.edu](http://nsf-nexus.osu.edu))
  - ✓ National Ultrahigh-Field Gateway NMR Center ([gateway-nmr.osu.edu](http://gateway-nmr.osu.edu))



Downtown Columbus, Ohio

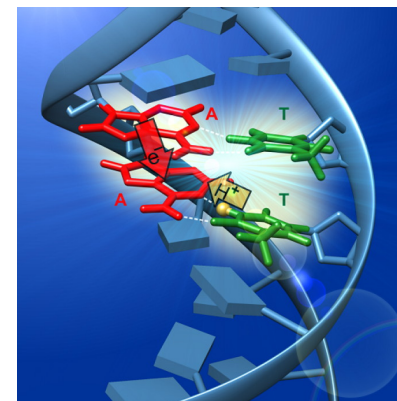
# REU @ Ohio State: Experimental and Computational Spectroscopy



John Herbert, Director  
(Quantum Chemistry)



Bern Kohler, Co-Director  
(Ultrafast Photochemistry)



## Senior Personnel



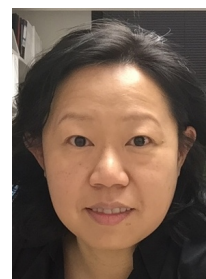
Heather Allen  
(Interface Science)



Abraham Badu-Tawiah  
(Mass Spectrometry)



Robert Baker  
(Ultrafast X-Ray)



Anne Co  
(Electrocatalysis)



Philip Grandinetti  
(Solid-State NMR)



Steffen Lindert  
(Computational  
Biochemistry)



Zachary Schultz  
(Surface-Enhanced  
Raman)



Alexander Sokolov  
(Quantum  
Chemistry)



Claudia Turro  
(Inorganic  
Photochemistry)