

University of Rochester
Chemistry-Biology Interface Retreat
Sponsored by: CBI T32 Training Program & Department of Chemistry
June 24, 2022

Friday June 24 **Staybridge Suites, 1000 Genesee Street**

- 9:00 AM Poster set-up, coffee and refreshments
- 9:25 AM Kara Bren and Rudi Fasan (UR Chemistry)
Welcome and Introduction
- 9:30 AM C. Rose Kennedy (Assistant Professor, UR Chemistry)
"Controlling Reactivity through Mechanism-Informed Catalyst Design"
- 10:05 AM Poster Session A. Last names A – M presenting
- 11:00 AM Career Panel Discussion
Banu Kandemir (Ortho Clinical Diagnostics), C. Rose Kennedy (University of Rochester), Sanela Lampa-Pastirk (Nazareth College), Meghan Rodriguez (Bausch and Lomb)
- 12:00 PM Lunch
Posters switch from A to B session
- 1:00 PM Poster Session B. Last names N – Z presenting
- 2:00 PM Alyson March (Ph.D. Student, Biomedical Engineering, Benoit Group)
"Tuning Hydrogel Biochemical Cues to Promote Tissue Engineered Periosteum-Mediated Allograft Healing"
- 2:25 PM Ryan Kosko (Ph.D. Student, Chemistry, Bren Group)
"Sustained Photochemical Hydrogen Evolution by a Minienzyme in a Heavy-Metal Free System"
- 2:50 PM Andrew Bortz (Ph.D. Student, Chemistry, Fasan Group)
"Chemoenzymatic Diversity Oriented Synthesis of Natural Product-like Compounds with Anti-Cancer Activity"
- 3:15 PM Wesley Chiang (Ph.D. Student, Biophysics, Krauss Group)
"Constructing a Quantum Dot Biomimetic of SARS-CoV-2 to Probe Possible Origins for COVID-19 Associated Neurologic Disease"
- 3:40 PM Retreat ends

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