

The University of California, Riverside Presents:

SoCal Organometallics Fall 2015

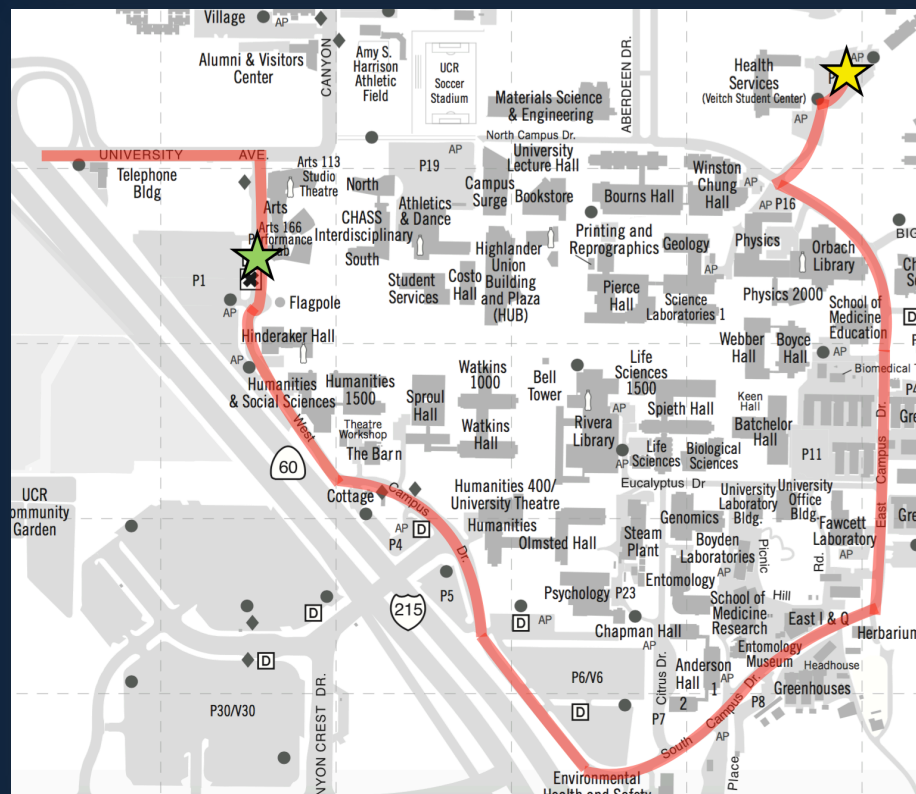
December 5th, 2015
11:30 am

Location: Pentland Hills Conference Room F111/G101

From I-215/CA-60, take the University Avenue exit heading east towards campus. Turn right onto W. Campus Drive and pick up a free parking permit at the drive-through kiosk on your right (green star on the map). Continue along W. Campus Drive around campus. After passing through the intersection with Big Springs Road, take the next right into Parking Lot 15 (yellow star on the map). Park here and proceed northeast to Pentland Hills.



University of California, Riverside
900 University Ave.
Riverside, CA 92521
Tel: (951) 827-1012



Schedule of Talks



11:30am–12 pm Arrival and Setup

12:00–12:20 pm *Metal Complexes of Diboraanthracene: a Novel Approach to Electrochemical Borohydride Generation for CO₂ Reduction*

Jordan Taylor, Harman Group, UCR

12:20–12:40 pm *N-Heterocyclic Carbenes Fused with Carborane Anions*

Steven Fisher, Lavallo Group, UCR

12:40–1:00 pm *A one-step ligand synthesis and the systematic study of gold(III) complexes of substituted 2-(2'-pyridyl)quinolones*

Michael Sterling, Larsen Group, UCR

1:00–1:20 pm *A Mechanistic Investigation of Photoinduced, Copper-Mediated C–S Coupling*

Kareem Hannoun, Peters Group, Caltech

1:20–1:40 pm *Cobalt Dithiolene 1D Metal-Organic Surfaces for Electrochemical and Photoelectrochemical Hydrogen Evolution*

Courtney Downs, Marinescu Group, USC

1:40–2:00 pm *New approaches to glycerol dehydrogenation and CO₂ reduction*

Yao Lu, Williams Group, USC

2:00–2:30 pm Break

2:30–2:50 pm *Ligand Design Incorporating Proazaphosphatrane, a Strong Electron Donating Group*

Zachary Thammavongsy, Yang Group, UCI

2:50–3:10 pm *Synthesis, Characterization, and Reactivity of a Coordinatively Unsaturated Ruthenium Monoisomerization Catalyst*

Erik Paulson, Grotjahn Group, SDSU

Schedule of Talks



- 3:10–3:30 pm *Ruthenium Complexes of 2,2'-bipyridine-6,6'-diphosphonate Ligands for Water Oxidation*
Jayneil Kamdar, Grotjahn Group, SDSU
- 3:30–3:50 pm *Forging stable unsupported metal-boryl bonds with icosahedral carborane ligands*
Liban Saleh, Spokoyny Group, UCLA
- 3:50–4:10 pm *Cobalt Complexes Supported by a Ferrocene-Based Ligand as Redox Switches for Hydroelementation Reactions*
Scott Shepard, Diaconescu Group, UCLA
- 4:10–4:30 pm *Redox Switchable Copolymerization of Cyclic Esters and Epoxides by a Zirconium Complex*
Stephanie Quan, Diaconescu Group, UCLA
- 4:30–5:00 pm Break
- 5:00–5:20 pm *Synthesis and Reactivity of Copper Hydride Nanoclusters*
Bi Nguyen, Hayton Group, UCSB
- 5:20–5:40 pm *Synthesis, Characterization, and Reactivity of a Masked Terminal Nickel Sulfide*
Nate Hartmann, Hayton Group, UCSB
- 5:40–7:00 pm Poster Session and Dinner