

The 7th Annual Chemical Biology Interface Summer Retreat
July 7, 2015 – Villanova University

Schedule of Events:

- 9:30 a.m. - 10:00 a.m. **Welcome Breakfast** (Coffee, Tea, Muffins)
- 10:00 a.m. – 10:30 a.m. **Chris Bialas**, Dutton lab
Magnetoquettes: Designing and Engineering Non-Natural Flavoproteins for Magnetosensing
- 10:30 a.m. - 11:00 a.m. **Teresa Rapp**, Dmochowski lab
- 11:00 a.m. - 11:30 a.m. **Charlie Mo**, Kohli lab
- 11:30 a.m. - 12:00 noon **Michael Grasso**, Marmorstein lab
Development of RAF Dimer Inhibitors to Target BRAF^{V600E} Inhibitor Resistance
- 12:00 noon - 1:00 p.m. **Lunch**
- 1:00 p.m. - 2:00 p.m. **Poster Session** – Sponsored by Thermo Fisher Scientific
- 2:00 p.m. - 2:30 p.m. **Simone Sidoli**, Garcia lab
Towards understanding the dynamics of histone combinatorial proteoforms using a boosted middle-down proteomics platform
- 2:30 p.m. - 3:00 p.m. **Mark Sellmyer**, Mach lab
[¹¹C]Trimethoprim (TMP): A small molecule radiotracer for PET reporter gene imaging
- 3:00 p.m. - 3:30 p.m. **Joe Jordan**, Radhakrishnan lab
- 3:30 p.m. - 4:30 p.m. **Keynote address - Kristala Prather (MIT)**
- 4:30 p.m. - 6:30 p.m. **Happy Hour**, Sheehan Field

Co-Sponsored by
Department of Chemistry
Department of Biochemistry and Molecular Biophysics
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