

Organic Seminar



"Controlling Enzymes Using
Computational Design"

**Friday, September 29th,
9:00am**

Hutchison Hall 473

**University of Rochester
Department of Chemistry**

Guest Speaker:

**Professor Sagar
Khare**

**Rutgers University
Department of Chemistry**

Abstract:

Design of enzymatic properties from the bottom up allows interrogation of the biophysical bases of enzyme function and evolution, and enables sustainable and efficient use of biomolecules for industrial and therapeutic purposes. I will describe our development and use of computational protein design methods to predictively alter enzymes for applications in biocatalysis, therapeutics, and in bioremediation of environmental toxins.

Host: Rudi Fasan • Email: fasan@chem.rochester.edu