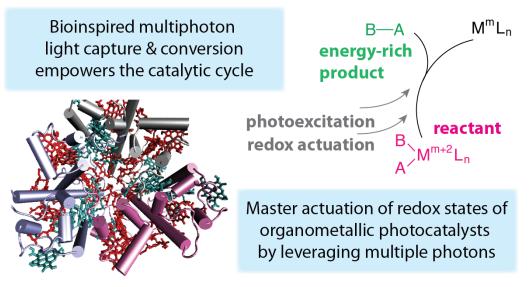
## **Bioinspired Light-Escalated Chemistry (BioLEC)**

## Gregory Scholes (Princeton University); Class: 2018-2022

**MISSION:** To employ light harvesting and advances in solar photochemistry to enable unprecedented photoinduced cross-coupling reactions that valorize abundant molecules.



http://chemlabs.princeton.edu/biolec/

## **RESEARCH PLAN**

The fundamental advance of the BioLEC EFRC will be to establish a platform for directing difficult chemical transformations that are enabled by combining the energies of multiple photons. The resulting breakthroughs will yield energy-relevant chemicals, fuels, and materials.

