

Faculty Start-up Awards Program

<u>Institution</u>	<u>Awardee</u>	<u>Department</u>	<u>Area of Interest</u>
2007			
Barnard College	John S. Magyar	Chemistry	Elucidating molecular mechanisms of cobalt uptake and homeostasis in the marine photosynthetic prokaryote <i>Prochlorococcus marinus</i>
Bowdoin College	Danielle H. Dube	Chemistry and Biochemistry	Development of tools to chemically target opportunistic pathogens, and to better understand the role of glycosylation in human disease
Creighton University	Bradley F. Parsons	Chemistry	Uptake Kinetics of Aqueous-Organic Aerosol using Laser Raman Tweezers
Denison University	Annabel H. Muentert	Chemistry and Biochemistry	Attenuated Total Reflection FTIR-Spectroscopy Studies of Waxy Thin Films to Probe the Barrier Properties of Plant Cuticles
Hope College	Jeffrey B. Johnson	Chemistry	Mechanistic elucidation of carbon-carbon bond activation and the development of a general strategy for the carboacylation of olefins
Lewis & Clark College	Anne K. Bentley	Chemistry	Synthesis of Luminescent Lanthanide Nanoparticle/Solid State Thin Film Composite Materials via Electrochemical Co-Deposition
Pomona College	Matthew H. Sazinsky	Chemistry	Structural, Mechanistic and Engineering Studies of Diiron Proteins for Probing Metalloenzyme Tuning and Developing Biocatalysts
Swarthmore College	Liliya A. Yatsunyk	Chemistry and Biochemistry	Synthesis and Characterization of New Cationic Porphyrins: Applications to Cancer Treatment and Chirality Sensing