

Faculty Start-up Awards Program

<u>Institution</u>	<u>Awardee</u>	<u>Department</u>	<u>Area of Interest</u>
2008			
Franklin & Marshall College	Katherine E. Plass	Chemistry	Synthesis, Surface Passivation, and Band Gap Tuning of Earth-Abundant Semiconductors for Solar Energy Conversion
Gustavus Adolphus College	Dwight R. Stoll	Chemistry	Development of Automated Heartcutting 3D-HPLC for Trace Analysis of Target Compounds in Environmental and Biological Samples
Macalester College	Christopher T. Calderone	Biochemistry Program and Dept. of Biology	Biochemical Investigations of Non-Ribosomal Peptides: Provision and Incorporation of Nonproteinogenic Monomers
Marshall University	Laura R. McCunn	Chemistry	Trapping Transients: Matrix-Isolation Fourier Transform Infrared Spectroscopy of Radical Intermediates in Combustion and Molecular Photochemistry
Occidental College	Andrew K. Udit	Chemistry	Heparin Mimics for Chemotherapy Using Polyvalent Displays on Virus Particles
Santa Clara University	Amelia A. Fuller	Chemistry	New Methods to Monitor Folding and Association of Proteins and Protein Mimics for Development of New Therapeutic Sensors and Diagnostics
The College of New Jersey	Michelle R. Bunagan	Chemistry	A spectroscopic study of the correlation between solvation and structure loss in the unfolding and conformational dynamics of hemoproteins
Trinity College	Maria J. Krisch	Chemistry	Photochemistry of the liquid-vapor interface