

Henry Dreyfus Teacher-Scholar Awards Program

| <u>Institution</u> | <u>Awardee</u> | <u>Department</u> | <u>Area of Interest</u> |
|---|-------------------------|----------------------------|--|
| 2007 | | | |
| California State University, Northridge | Thomas G. Minehan | Chemistry and Biochemistry | Development of Green Methodology for the Synthesis of 2-deoxy- β -C-Aryl Glycosides and Application to the Preparation of Natural Products and Nucleoside Analogs. |
| College of Charleston | Pamela J. Riggs-Gelasco | Chemistry and Biochemistry | Oxygen Activation by Metalloenzymes: The case of Ribonucleotide Reductase from <i>Corynebacterium ammoniagenes</i> and its facultative metal cofactor. |
| Kenyon College | Mo Hunsen | Chemistry | Green Chemistry: Chemical, Enzymatic, and Enzychemical Catalysis for the Synthesis of Novel Glycosidase Inhibitors and Biodegradable Polymers. |
| Mount Holyoke College | Maria Gomez | Chemistry | The Elusive Proton: Finding Conduction Pathways in Solid and Liquid Phases. |
| Trinity University | Bert D. Chandler | Chemistry | Functional Bimetallic Model Catalysts: Nanoparticle Chemistry and Reaction Kinetics for Characterizing, Evaluating, and Understanding the Active Sites in Heterogeneous Catalysts. |
| University of Richmond | Michelle L. Hamm | Chemistry | Studies into the base pairing, repair and replication of the prominent promutagen 8-oxo-2'-deoxyguanosine using modified nucleotides. |
| Wellesley College | Nolan T. Flynn | Chemistry | Development of an electrochemical method for triggering the assembly of metal nanoparticles in aqueous solution. |