

## Camille Dreyfus Teacher-Scholar Awards Program

<u>Institution</u>	<u>Awardee</u>	<u>Department</u>	<u>Area of Interest</u>
2011			
University of Massachusetts, Amherst	George Huber	Chemical Engineering	The development of catalytic chemical processes for producing hydrocarbon fuels and chemicals from renewable biomass sources.
Harvard University	Tobias Ritter	Chemistry and Chemical Biology	Redox Chemistry for Positron Emission Tomography Imaging
Tufts University	Charles H. Sykes	Chemistry	Turning Molecules into Motors and Mechanical Devices
Columbia University	Ruben L. Gonzalez, Jr.	Department of Chemistry	Single-molecule mechanistic studies of protein synthesis by the ribosome
Carnegie Mellon University	Rongchao Jin	Chemistry	Quantum-Sized Metal Nanoclusters
University of Pennsylvania	So-Jung Park	Chemistry	Controlling Materials Properties through the Self-Assembly of Nanoparticles and Polymer Amphiphiles
University of Maryland	Herman Sintim	Department of Chemistry and Biochemistry	Small Molecule Modulators of Bacterial Virulence and Biofilm Formation
University of North Carolina at Chapel Hill	Wei You	Chemistry	Organic/Molecular Materials Science: Integration of Synthesis with Devices
The Ohio State University	John Herbert	Chemistry	Quantum Chemistry in the Condensed Phase
University of Michigan	Kevin Kubarych	Chemistry	Ultrafast Vibrational Snapshots of Photocatalysis and Protein Dynamics
University of Illinois at Urbana-Champaign	Nathan Price	Chemical and Biomolecular Engineering	Integrative implementation of complex biochemical reaction networks for systems biology and medicine
Kansas State University	Christine Aikens	Chemistry	Unraveling the Role of Electronic Structure in Nanoparticle Physical and Chemical Properties
University of California, Berkeley	Ting Xu	Chemistry	Directed Hierarchical Assemblies Toward Functional Soft Materials