

## Senior Scientist Mentor Program

<u>Institution</u>	<u>Awardee</u>	<u>Department</u>	<u>Area of Interest</u>
2011			
College of Charleston	Gamil Guirgis	Chemistry and Biochemistry	Conformational stabilities and energies of cyclohexane backbone molecules containing silicon atoms
Drew University	Ronald Doll	Dana Research Inst. for Scientist Emeriti, (RISE)	A systematic study of drug functional groups on metabolic rates
Georgia Institute of Technology	F. Joseph Schork	Chemical & Biomolecular Engineering	A polymer reaction engineering approach to the origins of life
San Jose State University	Juana Acrivos	Chemistry	X-Ray Spectroscopy and diffraction of layered superconductor films near T <sub>c</sub> .
Simmons College	Leonard J. Soltzberg	Chemistry	MALDI-TOF – mass spectrometric identification of dyes and pigments in museum artifacts
The University of Michigan	Dimitri Coucouvanis	Chemistry	Use of bifunctional ligands in the synthesis of extended heterometallic frameworks with heterometallic sulfur containing clusters
University of California, Berkeley	John Prausnitz	Chemical and Biomolecular Engineering	Pretreatment of miscanthus for producing biofuels, and solubility and transport of aqueous salt in hydrogels for contact lens