



BROWN

*The Department of Chemistry  
2009 Award Ceremony*

*The Department of Chemistry is proud to announce the 2009 student achievement awards presented Tuesday May 5, 2009.*

***Undergraduate Student Awards***

***Freshman Chemistry Achievement Award***

*Anna Costello, Eshan Mitra, Mark Nagy, Emily Viggiano*

***The CRC Award for New Concentrator with an Outstanding Academic Record***

*Chemistry            Madeleine Heldman  
Biochemistry        Bogdan Patedakis Litvinov  
                                 Sheng-Xiang Xie*

***The Merck Prize for Chemistry Achievement***

*Madeleine Heldman, Evan J. Walker*

***The Junior Prize***

*Chemistry            Eric Bent  
                                 Yan Ming Tan  
Biochemistry        Seth Levin  
Chemical Physics    Michael Levy*

**The Paul Cross Prize in Physical Chemistry**

Brian Bayes

**The Leallyn B. Clapp Prize for Outstanding Undergraduate Thesis**

**Sc.B BIOCHEMISTRY**

**Gerald Ming Jie Liew**

*"Immunofluorescent Detection of the Ecdysone Receptor and the Origin Recognition Complex During the Formation of DNA Puffs in Sciara coprophila"*

**Sc.B. CHEMISTRY**

**John Daniel Bailey**

*"Synthesis of Streptomyces Semiochemicals"*

**Julie B. Spector**

*"Towards the Quantification of dNTP Insertion Opposite Hyperoxidized Guanine Nucleobase Lesions in DNA Replication"*

**Sc.B PHYSICAL CHEMISTRY**

**Brian Andrew Bayes**

*"Studies in Rydberg Fingerprint Spectroscopy: Detector Design and Symmetric Amines"*

<p><b><i>Graduate Student Awards</i></b></p>
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**The Sigma Xi Award for Excellence in Graduate Research**

Xiang Lu, Wenjun Tong

**W.T. King Prize for Outstanding Performance as a Teaching Assistant**

Jesse Davis, Don Ho

**The 2009-10 Vincent J. Wernig Fellowship**

Yaqi Wang

**The 2009-10 Dissertation Fellowship**

*Joseph Bush, Hye Yun Jung*

**The 2009 Potter Prize for Outstanding Postdoctoral Thesis in Chemistry**

***Jiaoyang Jiang - Advisor David Cane***

*"Natural Products Biosynthesis:*

*I. Geosmin Biosynthesis in Streptomyces Coelicolor A3(2) And Nostoc Punctiforme*

*II. Pentalenolactone Biosynthetic Pathway in Streptomyces Avermitilis"*

***Chenjie Xu - Advisor Shouheng Sun***

*"Modification of Superparamagnetic Nanoparticles for Biomedical Applications*

***Congratulations to all !***