

 **Division of  
Organic  
Chemistry**  
*American Chemical Society*

## Fellowship Awardees for 2000-2001



**Chris Bielawski**

Sponsor: Rhom and Hass  
University: California Inst. Tech  
*Advisor: Robert H. Grubbs*

Christopher Bielawski is a fourth year graduate student at the California Institute of Technology studying under the direction of Professor Robert H. Grubbs. Chris has successfully developed highly efficient synthetic routes to complex small molecules and polymeric materials through the integration of olefin metathesis and tandem catalysis. Chris received his B.S. degree in Chemistry from the University of Illinois at Urbana-Campaign where he was actively engaged in undergraduate research under the direction of Professor Jeffrey S. Moore.



**Peter A. Bloomgren**

Sponsor: Aventis Pharm  
University: U. Cal, Santa Barbara  
*Advisor: Bruce H. Lipshutz*

Peter Bloomgren graduated with a bachelor's degree from Rutgers University where he studied carbohydrates under Professor Spencer Knapp. He then moved on to a position with the combinatorial chemistry department at the Bristol-Myers Squibb Co., in Princeton NJ. Lastly, he moved on to Santa Barbara California where he is currently performing graduate research in organometallic chemistry under the direction of Professor Bruce Lipshutz.



**Andrew K. Boal**

Sponsor: Boehringer Ingelheim  
University: U. Mass., Amherst  
*Advisor: Vincent M. Rotello*

Andrew Boal is a third year graduate student at the University of Massachusetts, Amherst. He is currently studying the self-assembly of nanoparticle aggregates and exploring their application to the fabrication of multi-scale electronic and magnetic materials under the direction of Associate Professor Vincent M. Rotello. Previously, he studied molecular magnetic materials under David A. Shultz at North Carolina State, where he obtained his B.S. and M.S. degrees in Chemistry and Organic Chemistry.



**Theresa Chang**

Sponsor: Bristol-Myers Squibb Foundation  
University: University of California, Los Angeles  
*Advisor: J. Fraser Stoddart*

Theresa Chang is a third year graduate student at the University of California, Los Angeles studying under the supervision of Professor J. Fraser Stoddart. Theresa's research includes the design and construction of a new family of interlocked molecules beyond the realm of rotaxanes and catenanes and the construction of supramolecular daisy chain polymers. Theresa received her A.B. degree in Chemistry from Smith College where she conducted undergraduate research under the supervision of Professor Lale A. Burk.



**Jason J. Chruma**

Sponsor: Wyeth--Ayerst  
University: U. of Pennsylvania  
*Advisor: Amos B. Smith, III*

Jason Churma is a fourth year graduate student at the University of Pennsylvania studying under the supervision of Professor Amos B. Smith, III. Jason is currently pursuing the total synthesis of the anti-HIV bimaocyclic peptide chloropeptin. Mr. Churma received his B.S. degree with honors in Chemistry from the University of Arizona where, under the mentoring of Professor Robin Polt, he utilized amino acids as starting materials towards the synthesis of natural products such as (L)-abrine and (+)-lycoricidine.



### **Pablo Davidov**

Sponsor: DuPont Pharm Co.  
University: U. Cal., Los Angeles  
*Advisor: M. E. Jung*

Pablo Davidov is a fourth year graduate student at the University of California, Los Angeles studying under the supervision of Professor Michael E. Jung. He is currently working towards the total synthesis of the cardenolide ouabain. He received his B.S. degree in Chemistry from the University of Miami, and performed undergraduate research under the supervision of Professor Jeff D. Evanseck and Angel E. Kaifer.



### **Lara Estroff**

Sponsor: SmithKline, Beecham  
University: Yale University  
*Advisor: Andrew Hamilton*

Lara Estroff is a third year graduate student at Yale University studying under the supervision of Professor Andrew D. Hamilton. Her research involves the design and synthesis of organic superstructures that control the growth of inorganic crystals. As part of this study, she has designed novel organic hydrogelators that are currently being used as controlled reaction vessels for inorganic crystallization. Lara received her B.A. degree in Chemistry from Swarthmore College where she worked in Professor Robert S. Paley's laboratory.



### **Stephen Jarboe**

Sponsor: Procter and Gamble  
University: U. of Illinois, Urbana  
*Advisor: Peter Beak*

Stephen Jarboe is a fourth year graduate student studying in the laboratories of Peter Beak at the University of Illinois at Urbana-Champaign. He is presently studying the mechanism of oxygen sulfur, and fluoride transfer reactions using the endocyclic restriction test. Stephen received his B.A. degree in Chemistry from Transylvania University in Lexington, KY. As an undergraduate he worked with Dr. Michelle V. Buchanan at the Oak Ridge National Laboratories in Oak Ridge, TN.



### **Lisa Marcaurelle**

Sponsor: Eli Lilly & Co.  
University: U. Cal., Berkeley  
*Advisor: Carolyn Bertozzi*

Lisa Marcaurelle is a fourth year graduate student at the University of California, Berkley where she works in the lab of Professor Carolyn R. Bertozzi. Lisa' research is focused on the synthesis of glycoprotiens and their mimetics using the technique of chemoselective ligation. Lisa received her B.A. degree in Chemistry from the College of the holy Cross in Worchester, MA where she performed undergraduate research under the supervision of Professor Timothy P. Curran and Professor Alice A. Deckert.



### **H. Michael Petrassi**

Sponsor: Merck Res. Labs  
University: Scripps Research Institute  
*Advisor: Jeffrey W. Kelly*

H. Michael Petrassi is a fourth year graduate student at the Scripps Research Institute studying under the supervision of Professors Jeffrey W. Kelly and K. Barry Sharpless. Michael's research is focused upon developing inhibitors of amyloid fibril formation as well as new methodologies for their synthesis. Michael received his B.S. degree in Chemistry from SUNY Fredonia.



### **Obadiah J. Plante**

Sponsor: Pfizer, Inc.  
University: Mass. Inst. Tech.  
*Advisor: Peter Seeberger*

Obadiah Plante is a fourth year graduate student at the Massachusetts Institute of Technology conducting research in the laboratory of Professor Peter H. Seeberger. Obadiah has developed new methods for the synthesis of oligosaccharides. He received a B.S. degree from Worchester Polytechnic Institute where he studied under the guidance of Professor Stephen J. Weininger. Obadiah received an M.A. degree from Columbia University while studying in the laboratory of Professor Ronald Breslow.



### **Gretchen Schroeder**

Sponsor: Organic Reactions  
University: Stanford University  
*Advisor: Barry Trost*

Gretchen Schroeder graduated summa cum laude from Boston University in 1997, where she performed research in the group of Professor Kosta Steliou. She continued education at Stanford University on a National Science Foundation Graduate Fellowship. There she joined the research group of Professor Barry M. Trost and developed the enantioselective palladium-catalyzed allylic alkylation of prochiral ketone enolates. She is currently applying the methodology to the erinacine A, a potential drop for the treatment of Alzheimer's disease.



### **Jason Sello**

Sponsor: Pharmacia, Upjohn  
University: Harvard University  
*Advisor: Stuart L. Schreiber*

Jason Sello is a fourth year graduate student at Harvard University studying under the supervision of Professor Stuart Schreiber. Jason is applying conformational analysis to the design of diversity-oriented synthesis of natural product-like compounds. Jason attained his B.S. degree in Biology from Morehouse College where he carried out undergraduate research in the laboratory of Professor Joseph W. McCray.



### **Sarah A. Tabacco**

Sponsor: Schering-Plough Res.  
University: U. Cal., Irvine  
*Advisor: Keith Woerpel*

Sarah Tabacco is a fourth year graduate student at the University of California-Irvine studying with Professor Keith A. Woerpel. Sarah has studied the influence of electronic effects on the stereoselectivity of nucleophilic additions to tetrahydropyran oxocarbenium ions and is currently applying this methodology to natural product synthesis. Sarah received her B.S. degree in Chemistry from the University of California-Berkley where she performed undergraduate research under the supervision of Professor James W. Leahy.



### **Steven J. Taylor**

Sponsor: Abbott Laboratories  
University: U. of North Carolina  
*Advisor: James P. Morken*

Steven Taylor is a fourth year graduate student at the UNC-Chapel Hill; studying under the supervision of James P. Morken. Steven has studied the enantioselective reductive aldol reaction as well as developed various combinatorial methods to screen catalyst libraries. Steven received his B.S. degree in Chemistry from SUNY Fredonia under the advisement of Professor Tom Janik.



### **David Vosburg**

Sponsor: AstraZeneca, Pharmaceuticals  
University: Scripps Research Institute  
*Advisor: Erik J. Sorenson*

David A. Vosburg is a fourth-year graduate student at The Scripps Research Institute studying under the supervision of Professor Erik J. Sorensen. David has studied concise chemical synthesis of the antitumor natural products fumagillin and FR182877. David received his B.A. degree in Chemistry from Williams College where he performed undergraduate research under the supervision of Professor J. Hodge Markgraf.

Filename: FellowshipAwardees2000.docx  
Folder: /Users/bjmyers/Desktop/Fellowship Awardees  
Template: /Users/bjmyers/Library/Group Containers/UBF8T346G9.Office/User  
Content.localized/Templates.localized/Normal.dotm  
Title:  
Subject:  
Author: Myers, Brian  
Keywords:  
Comments:  
Creation Date: 11/17/16 12:20:00 PM  
Change Number: 2  
Last Saved On: 11/17/16 12:20:00 PM  
Last Saved By: Myers, Brian  
Total Editing Time: 0 Minutes  
Last Printed On: 11/17/16 12:20:00 PM  
As of Last Complete Printing  
Number of Pages: 6  
Number of Words: 1,402 (approx.)  
Number of Characters: 7,994 (approx.)