



UF UNIVERSITY of FLORIDA

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2012 INCOMING GRADUATE STUDENTS

2012 Graduate Student Awards

The department recognized graduate students with several awards in the past year. The Ruegamer Charitable Trust, established by William and Arlene Ruegamer, provides scholarships for students of high scholastic standing in biochemistry. The recipients for 2012-2013 were **Yuri Pompeu** and **Xiangling Xiong**. The Colonel Allen R. and Margaret G. Crow Endowment again supported the recognition of excellence in graduate student peer-reviewed publication. This year, the Crow Awards, for excellent papers published in 2011, were given to **Jared Lynch, Tu N. Nguyen, Adam Walton, Bora Inci, John Faver, Mingxu You** and **Melek Ucisik**. The 2011-2012 Procter & Gamble Awards for Research Excellence were given to **Danlu Wu, Kevin McGowan, Mingxu You, Tu Nguyen** and **Tao Chen**. The 2012 M. A. Battiste Award for Creative Work in Synthetic Organic Chemistry, sponsored by Petra Research, was presented to **Flavio Cardoso**.

keep in touch with Chemistry

We want to hear from you! Send us career updates or memories of "how it used to be" to: Brittany Juraszek, PO Box 117200, Gainesville, FL 32611-7200 or email chairadmin@chem.ufl.edu. Help keep UF Chemistry a top-notch program through your generosity. To make online contributions, go to www.clas.ufl.edu/alumni/online-giving and click on the Department of Chemistry. By phone, call 877-351-2377 or mail us a check made out to the University of Florida Foundation. Please designate Chemistry Department or the fund number: 001401.



Chemistry Alumni Homecoming Weekend
1979 graduate Dr. W. Kevin Terry and son Will Terry look on as undergrad Kyle Chesney makes ice cream with liquid nitrogen

the chemical bond

FALL 2012
University of Florida
Department of Chemistry

We would like to thank the undergrads for putting on the inaugural Chemistry Alumni Homecoming Weekend and look forward to celebrating with you next year.

A note from The Chair

As we bring the first semester of this new academic year to a close and move seriously into the Holiday season, I want to take this opportunity to introduce myself as the new Chair of the Department. The majority of you probably already know me since I've been a member of the Chemistry faculty at UF since the fall of 1966 and served a previous stint as Chair in the mid '80's. I'm really happy to have this opportunity to step in and serve as Chair again, particularly because I believe that we are at a turning point that will determine the future of the Department, and I am very optimistic about that future. The feeling is that the fiscal situation that has plagued the State of Florida (indeed the whole country) for the last decade has stabilized and that the State and thus the University should soon be able to start moving forward again. As I said I am optimistic about this and look forward, as Chair, to helping to guide the ship that is Chemistry through the challenging waters of these improving times.

It has only been through the continued generosity of our Chemistry alumni that we have been able to survive the tough times without compromising the quality of "product" that our Department delivers through its missions of teaching, research and service. Gifts to the Department of all sizes have allowed us to continue with our already strong programs as well as to develop new directions, and we hope that you will continue to include Chemistry among your priorities for future giving.

This year our Leadership Board has been instrumental in making us realize the importance of establishing an "image" as a Department, prioritizing our strengths and communicating these strengths, both inside and outside the University. This is currently our challenge, and we welcome your advice and assistance in this regard. Keep in mind the "motto" that we have adopted as a Department: *It all begins with chemistry.*

—William Dolbier



Welcome New Faculty



Melanie Veige

Melanie is from St. Joseph Island, Ontario, Canada, on Lake Huron. She was educated in Canada (B.Sc. McGill University, M.Sc. University of British Columbia) as an organic chemist. She worked at Millennium Pharmaceuticals in Cambridge, MA for 5 years in the Process Research division. She taught chemistry at Santa Fe College for 5 years prior to joining the UF chemistry department in August 2012.

Brent Sumerlin graduated from North Carolina State University in 1998 and received his Ph.D. in 2003 at the University of Southern Mississippi under the direction of Dr. Charles McCormick. He continued his work as a Visiting Assistant Professor/Postdoctoral Research Associate in the group of Krzysztof Matyjaszewski at Carnegie Mellon University from 2003–2005. In 2005 he joined the Department of Chemistry at Southern Methodist University as an Assistant Professor. In 2009 he was promoted to Associate Professor with tenure. In the fall of 2012, Prof. Sumerlin joined the George & Josephine Butler Polymer Research Laboratory and the Center for Macromolecular Science & Engineering within the Department of Chemistry at the University of Florida. His work has been well recognized in the scientific community. In 2011 he was named a Kavli Fellow (Frontiers of Science, National Academies of Sciences). In 2010 he was named an Alfred P. Sloan Research Fellow and a Gerald J. Ford Research Fellow. In 2008 he received an NSF CAREER Award, and he also received the ACS Leadership Development Award. Dr. Sumerlin's research has been published in more than 70 peer-reviewed articles, and he has edited three books. He serves on the editorial boards for 13 journals and is Associate Editor of the RSC journal *Polymer Chemistry*.



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Chemistry Leadership Board Members



Mike S. Lee, Ph.D., is the President of Milestone Development Services. He actively participates in the development of new technologies and their integration into industrial settings. Prior to founding Milestone Development Services, Dr. Lee was with Bristol-Myers Squibb. He led interdisciplinary teams responsible for rapid analysis of discovery leads and preclinical drug candidates that contributed to the Food and Drug Administration approval of Buspar®, Serzone®, and the accelerated development and approval of TAXOL®. Dr. Lee is the founder of the Annual Symposium on Chemical and Pharmaceutical Structure Analysis (CPSA). These unique events, held in the U.S. and China, highlight industry-related applications and discussion on real-world experiences with the latest analytical technology

and industry initiatives. Dr. Lee is the author or co-author of over 50 scientific papers and patents. He received his BS degree in Chemistry at the University of Maryland in 1982. In 1985 and 1987, he completed his MS and Ph.D., respectively, in Analytical Chemistry from the University of Florida under the direction of Professor Richard A. Yost.

Dr. Frederick D. Thurston grew up in Clearwater, Florida, and continued his education at the University of Florida, receiving his Bachelor of Chemistry degree in 1976 and Doctor of Dental Medicine degree in 1979. He started a private practice in downtown Auburndale, Florida, and Thurston Comprehensive Dental Center is proudly celebrating thirty-one years of family and cosmetic dentistry. He has been committed to implant dentistry since 1989. For the last nineteen years Dr. Thurston has been very involved in dental laboratory manufacturing. Central Dental Creations became incorporated in 2005 and is now a Certified Margin Marking Laboratory. Dr. Thurston is committed to dental education as well as the business communication and technology advances of dentistry.



Dr. Thurston and his wife of 38 years have three children. They enjoy Gator football, Harley Davidsons and traveling in their motor home.

50 Years since Graduation: Masters and Doctoral Grads of 1962

1962 PhD graduates:

Donald Allen
Constantine Cappas
Ralph Damico
Walter Foucher
Herman Gewanter
Stuart Monroe
Robert Nielsen
Howard Platte
Maurice Raymond
Paul Schuman
Samuel Kim
Harbhajan Ahuga
Ronald Thompson

Advisors:

Muschlitz
Brey
Jones
Ryschkewitsch
Brown
Butler
Sisler
Roderick
Butler
Brown
Muschlitz
Sisler
Butler

1962 MS graduates:

Charles Moreland
Maung Tin
James Buchanan
Donald Fieder
Ann Furuholman
Thomas Hinkson
Beverly Monroe
Noel Wakelyn

Advisors:

Brey
Winefordner
Hanrahan
Brown
Winefordner
Muga
Jones
Ryschkewitsch