



# THE IOTAN

Iota Sigma Pi National Honor Society for Women in Chemistry

July 2012 No. 106

## National Council Holds Interim Meeting



Front (L-R): Reiko Simmons, Christine Hermann, Kathryn Thomasson, Nancy Hopkins  
Back (L-R): Anne Taylor, Gail Blaustein, Kathryn Louie, Maggie Workman, Jill Granger, QuynhGiao Nguyen, Sue Marine

Iota Sigma Pi holds a national convention every three years. One year after the convention, the National Council holds an Interim Meeting at the site of the next triennial convention. Recently, National Council met at the Marriott Courtyard Hotel in Emeryville, CA, June 30 – July 1, 2012. The Emeryville location was selected for its accessibility to the San Francisco and Oakland Airports and to Cal-Berkeley, the home of the hostess chapter, Hydrogen.

The meeting started with a review of motions from the 2011 convention, followed by a discussion of action items from the post-convention Council meeting. There will be an increase in dues that will take effect this summer. Regarding our awards, it was noted that we are in need of donations to the award funds. In some cases the endowments are no longer sufficient, and we have to dip into the principal to pay the awardees. The nomination dossiers for all the awards are now submitted electronically, and The Rules and Regulations will be revised to reflect this change.

The council also discussed the health of the

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chapters and found most to be active. A few had become inactive, while others had become more active. We are happy to have a brand new chapter, Iron of North Carolina. There have been several inquiries about starting or reactivating chapters.



*CAL-Berkley Students (L-R):* Rebecca Murphy, Jessica Kisunzu, Olivia Lee, Elaine Yamaguchi (Co-Chair of the ACS Bay Area Women Chemists Committee), Hoang Doan

On the first day the Council discussed the budget and schedule for the convention. Later on the second day, the Council met with members of the hostess chapter Convention Committee: Rebecca Murphy (chapter president), Hoang Doan (Chapter Convention Chair), Olivia Lee, and Jessica Kisunzu. Elaine Yamaguchi, the Co-Chair of the ACS Bay Area Women Chemists Committee (WCC), also met with the group. They discussed the responsibilities of the hostess chapter and the budget. Hydrogen Chapter has already started fundraising. The group toured the hotel to see all the meeting rooms and then had dinner together at a restaurant.

~Submitted by: Anne K. Taylor, National Secretary

## SHARE YOUR NEWS!

If you have information that you would like to share with fellow lotans in an upcoming newsletter, regarding personal or chapter accomplishments please send your news to the Editor:

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or email:  
muscat@pitt.edu

## ISPI MERCHANDISE AVAILABLE

Graduation Braids \$12, Necklace/Key pin \$15, Note Cards \$10, and Centennial Pen Holders \$7.

Pictures of the above items are on our web site. All prices include shipping. Checks should be made payable to Iota Sigma Pi. All items can be purchased by contacting our coordinator of initiates and supplies:

Reiko M. Simmons, Ph.D.  
Department of Chemistry, Room 301  
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2121 Euclid Avenue  
Cleveland, OH 44115  
r.simmons@csuohio.edu

In addition, the Chlorine Chapter has Iota Sigma Pi t-shirts for sale! Contact Anne Taylor (akt1208@bellsouth.net) for more information.

## Congratulations to our National Student Award Recipients

The Director of Student Awards is pleased to announce the recipient of the **2012 Gladys Anderson Emerson Scholarship**. This year's awardee is **Ms. Kaitlyn Weeber**, a chemistry major at the University of California, Berkeley. Despite a very strong pool of candidates, the Iota Sigma Pi Selection Committee was unanimous in recognizing Ms. Weeber for this award. She was recognized for being, in the words of one member of the committee, "a well-rounded, enthusiastic student who is active in her community and has great potential as an Iotan." She has experience in academic research and already has one publication of record; furthermore she has already completed an internship at a pharmaceutical company. Kaitlyn's awareness of the global nature of the scientific community impressed the committee, particularly as she is working to strengthen that awareness through her study abroad opportunity in Sweden.



*Kaitlyn Weeber, Gladys Anderson Emerson  
Scholarship Recipient*

Kaitlyn has co-authored one publication, in the journal *Chemistry of Materials*, as a result of her participation in an NSF-sponsored REU and has also completed an internship in medicinal chemistry at Genentech. She is currently an undergraduate researcher in the lab of Professor Jeffrey Long where she is working in the development of new porous materials, metal-organic frameworks, which have application to hydrogen storage, carbon dioxide capture, and/or oxygen/nitrogen separations. Long describes Kaitlyn as having "three qualities [that are] indicative of truly great scientific potential – she is creative, eager and organized." Long explains that Kaitlyn's work involves challenging synthetic techniques and that she has "approached [the project] with the persistence and thoughtfulness of an advanced graduate student." Ms. Weeber was nominated for the scholarship by Rebecca Murphy, the President of Hydrogen Chapter of Iota Sigma Pi, who credits Kaitlyn with organizing several science outreach programs and writes that "she is someone I can always count on to be ready to contribute to the group." Kaitlyn's nomination for the scholarship was also supported by Dr. Michelle Douskey, one of Kaitlyn's faculty members. Douskey observes that "she obviously has a strong commitment to research and an innate enthusiasm for chemistry." Kaitlyn plans to attend the University of Lund in Sweden through an exchange program in the fall and plans for it to be an "enriching experience, as research has become an increasingly international effort, and global contacts and cultural awareness will only become more important with time."

The Director of Student Awards is also pleased to announce the recipient of the **2012 Anna Louise Hoffman Award for Outstanding Achievement in Graduate Research**. This year's awardee is **Ms. Emilie Ringe**, a graduate student in the Chemistry Department at Northwestern University. The Iota Sigma Pi Selection Committee had a very challenging task, given the strength of this year's pool of candidates. Ms. Ringe was recognized for her impressive record of publications and presentations and for her excellence in all areas. She is recognized as having sustained strong research and teaching skills through her graduate career. The committee was further inspired by her conscientious service work in science in the community and service to



**Emilie Ringe**, *Anna Louise Hoffman Award for Outstanding Achievement in Graduate Research Recipient*

*Continued from page 3*

others outside the laboratory. Emilie is an excellent representative of the ideals of Iota Sigma Pi and is a worthy recipient of this award.

Emilie conducts research in the Richard Van Duyne lab in the Chemistry Department in collaboration with the Laurence Marks group in the Materials Science and Engineering Department. Ms. Ringe's research on localized surface plasmon resonance (LSPR) seeks to characterize and understand the correlation between structure and optical properties of metallic nanoparticles for better optimizing their practical applications. Her experiments are designed to understand how particle shape is determined (composition, growth environment, strain, etc.) and how shape, size, and composition affect optical properties. Ms. Ringe's research endeavors employ dark field optical microscopy and high-resolution transmission electron microscopy to probe structure and LSPR behavior. She has authored or co-authored over 10 publications and has received many recognitions including an International Fellowship to the University of Melbourne, a Special Merit Fellowship funded by the NSF, and the Presidential Fellowship at Northwestern, that university's most prestigious. Professor Van Duyne recommends Ms. Ringe as having "all the intellectual, experimental, and communication skills required to succeed" and recognizes her exceptional contributions

at every stage from project conception through publication. Professor Marks admires her for "experimental skill as well as demanding rigorous analysis." Outside of the laboratory, Ms. Ringe excels as a leader and contributor. One of Ms. Ringe's faculty members, Dr. Monica Olvera de la Cruz describes her as having "admirable dedication to both science and community," exemplified by her interests and engagement with area schools, scouts, and with an organization that provides adaptive assistance to blind runners.

**Ms. Katerina Marie Korch** is the **2012 Undergraduate Award for Excellence in Chemistry** recipient. Katerina is an exceptional undergraduate chemistry student from Juniata College in Huntingdon, Pennsylvania. She has numerous research experiences to her credit and is a co-author on two publications, one in *Nanoscale*, the other in *Nano LIFE*, as a result of her participation in an NSF-sponsored REU at Clemson University in the lab of Dr. Ya-Ping Sun. In 2011, Korch was an Amgen Scholar in the Department of Chemistry and Biochemistry at UCLA, working with Dr. Craig Merlic on the synthesis of allenes and their use as ligands in copper(II)-promoted couplings of vinyl boronate esters and alcohols. At Juniata, Korch



**Katerina Marie Korch**, *Undergraduate Award for Excellence in Chemistry Recipient*

*Continued from page 4*

has been actively pursuing her research interests in organic synthesis with Dr. David Reingold, who describes her as “one of my best collaborators in my 33 years of mentoring undergraduates.” Korch has served the Juniata chemistry program as a tutor, a teaching assistant, and a laboratory preparation assistant. Additionally she has been an active participant in Juniata’s well-known chemistry outreach program. Korch describes her work in science outreach as “one of the most rewarding aspects of my brief science career” and aims to help “inspire a younger generation of girls to pursue scientific careers.” Professor Richard Hark, Chair of the Chemistry Department at Juniata, is assured in Korch’s bright future in chemistry and describes her as an “outstanding individual... who is so obviously talented in so many areas.” Outside the lab, Korch is an award-winning cellist, playing with the Juniata College Orchestra string quartet and honors cello ensemble. Korch plans to pursue a Ph.D. in chemistry and was very recently notified that she is a recipient of an NSF Graduate Fellowship.



**Leah Rubin, Members-at-Large  
Reentry Award Recipient**

The winner of the **2012 Iota Sigma Pi Members-at-Large (MAL) Reentry Award** is **Ms. Leah Rubin**. Ms. Rubin is pursuing a Ph.D. at the University of California, Berkeley where she is developing new dehydrogenation catalysts for next-generation fuel cells. Her research interests and career goals are directly influenced by her experiences as a Peace Corps volunteer in Africa and her desire to improve the quality of life of those who do not have access to the infrastructure and technologies that are commonplace in more developed regions of the world. We are very proud to present the prestigious MAL Reentry Award to Ms. Rubin in acknowledgement of her scholastic achievements and potential as a professional chemist.

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## Congratulations to our National Professional Award Recipients

The Director for Professional Awards is pleased to announce the recipient of the **2012 Centennial Award for Excellence in Undergraduate Teaching** is **Dr. Tammy Dwyer**. Tammy was born and raised in San Diego, California, and received a B.S. in Chemistry from California Polytechnic University, San Luis Obispo in 1983, a Ph.D. in physical-organic chemistry from the University of California, San Diego in 1988, and was a postdoctoral fellow at the University of California, Berkeley from 1990-1992. Following two years on the faculty at California State University, San Marcos, Tammy moved to the University of San Diego (USD) in fall 1994 where she is Professor of Chemistry. She teaches a wide variety of courses and was awarded the Davies Award for Teaching Excellence at USD in 2000. She is currently co-authoring a digital-first textbook in General Chemistry for W.H. Freeman along with Professor Charles Grisham at the University of Virginia.

Tammy maintains an active undergraduate research program



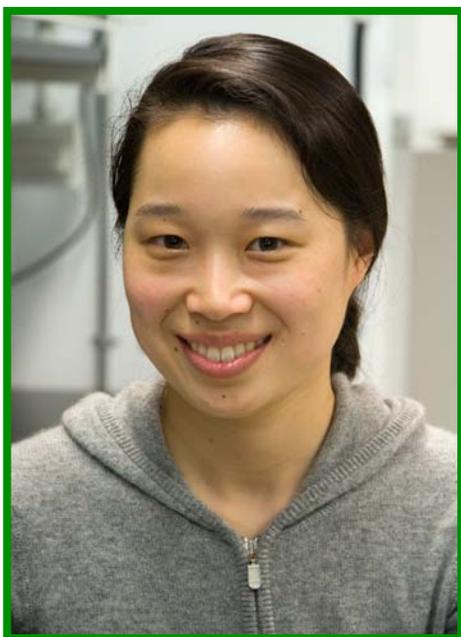
**Dr. Tammy Dwyer**  
*Centennial Award for Excellence in  
Undergraduate Teaching Recipient*

*Continued from page 5*

using NMR spectroscopy and molecular dynamics to investigate the structural features of DNA duplexes and drug:DNA complexes containing non-natural nucleobases. She has published 30 papers in peer-reviewed journals, including 11 with USD undergraduate co-authors and 2 in the *Journal of Chemical Education*.

Tammy served as Chair of the Department of Chemistry and Biochemistry at USD from 2001-2009 providing leadership and oversight of the chemistry and biochemistry curricula serving 2000 students per year; in 2008 she and her colleagues were awarded a prestigious Department Development Award from Research Corporation that provided over \$1.1 million to build capacity and infrastructure in support of undergraduate research at USD. Tammy was awarded a USD University Professorship for outstanding scholarly achievements in teaching and research in 1999, a University Professorship for outstanding contributions to USD in 2012, and she was selected as USD Administrator of the Year in 2004.

Tammy is an active member of the San Diego section of the American Chemical Society, serving as Chair (2000, 2001), Councilor (1997-1999), and Chair of the Education Committee (1995-2000). She was awarded the section's Outstanding Service Award in 1997. In her spare time, Tammy enjoys traveling, reading and gardening with her husband Brian and spending time with daughter Anne, son Nick, son-in-law Cameron and granddaughter Natalie Clare.



**Dr. Michelle Chang**, *Agnes Fay Morgan Research Award Recipient*

The Director for Professional Awards is also pleased to announce the 2012 recipient of the **Agnes Fay Morgan Research Award**, our annual award for research achievement. **Dr. Michelle Chang** is an Assistant Professor at UC Berkeley in the Departments of Chemistry and Molecular and Cell Biology. She received her Ph.D. from MIT, working with JoAnne Stubbe and Daniel Nocera, and her postdoctoral training with Jay Keasling at UC Berkeley.

Her research group works at the interface of enzymology and synthetic biology, with a focus on studying biological fluorine chemistry, formation of mixed-valent nanomaterials by directional-sensing bacteria, and processes involved in developing synthetic biofuel pathways. She has received the Dreyfus New Faculty Award, TR35 Award, Beckman Young Investigator Award, NSF CAREER Award, Agilent Early Career Award, ACS-SBQ Young Talents Award, NIH New Innovator Award, and DARPA Young Faculty Award.

**All chapters should include our Historian, Susan Marine Ph.D., on your distribution lists of chapter newsletters. In addition, copies of photos and the like should be sent for historical archives.**

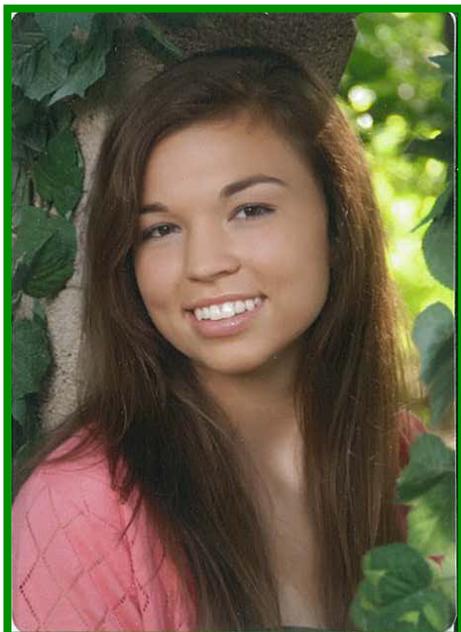
Items can be sent to Susan at [mariness@muohio.edu](mailto:mariness@muohio.edu) or Department of Chemistry and Biochemistry, Miami University Middletown, 4200 East University Blvd, Middletown OH 45042



# CHAPTER HAPPENINGS



## Fluorine Chapter Awards 2012 Scholarships



**Emily C. Harker**, *Award for Achievement in Science Recipient*

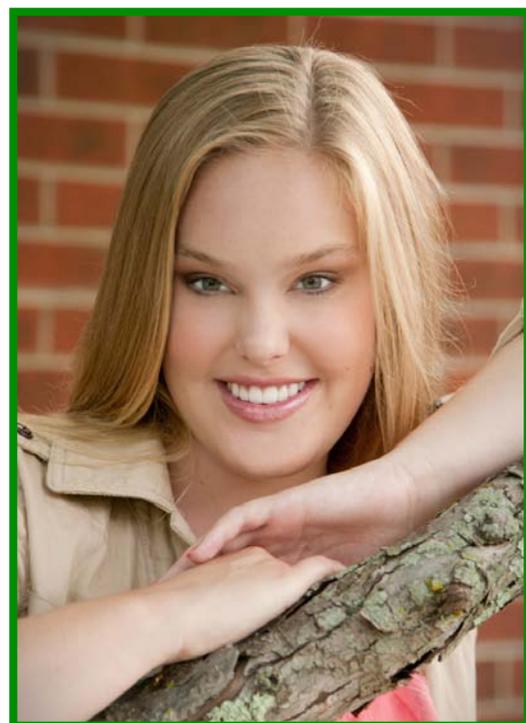
Each spring, for the past twelve-plus years, two college bound young ladies have been awarded scholarships by Iota Sigma Pi, Fluorine Chapter (Greater Cleveland Region). Although both scholarships were established to encourage young women to pursue higher education in the area of science, each is meant to emphasize slightly different aims.

**The Fluorine Chapter Award for Achievement in Science** is offered to young women in their senior year of high school who have demonstrated exceptional promise as future scientists. It is awarded on the basis of scholastic achievement, participation in scientific organizations, and community service. In other words, the emphasis is on young women who can convey their commitment to the physical sciences. Award recipients will receive a non-refundable \$250.00 cash award and a Certificate of Recognition.

The winner of the Fluorine Chapter Award for Achievement in Science for the year 2012 is **Ms. Emily C. Harker** from Mentor High School who was nominated by her biology teacher, Brian Butler. In addition to her academic achievement, Emily participated in Student Government, Future Leaders, Science Olympiad, National Honors Society and other service activities.

The second scholarship awarded by the Fluorine Chapter is the **BP Scholarship**. There is a significant history of interest regarding this scholarship. In the early 1900's The Standard Oil Company (Sohio) established their headquarters in Cleveland. In 1929 SOHIO Research and Development was a one room laboratory in the chemistry building of Western Reserve University. Through the years the Research and Development effort grew in size and in 1958 was moved into its home in Warrensville, Ohio. In 1988, the BP Oil Company purchased SOHIO, but the company remained an active presence in the Cleveland area. Throughout all the years of research at Sohio/BP, women chemists were always a significant and well-respected portion of the research and development staff. The company always sought out talented women scientists from the level of intern, up through B.S., M.S., and Ph.D. women chemists and scientists. Women were encouraged to enter all areas of research and engineering and were also active in management.

Unfortunately, in 1999, BP made the decision to move its US



**Lauren Wilhelm**, *BP Scholarship Recipient*

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corporate headquarters from Ohio to Illinois. All of the BP research and development effort in Ohio ceased. The director of Research at the Warrensville Research Center, Dr. Fred A. Pesa, chose to honor the history of Sohio/BP research in Ohio and in particular, its dedication to advancing the careers of women scientists. In 1999 Dr. Pesa established the BP Scholarship endowment fund with a \$40,000 grant from BP Chemical Company. The Fluorine Chapter of Iota Sigma Pi established the criteria for awarding the scholarship and has administered awarding of the scholarship since its inception. By 2011, \$20,000 had been awarded in scholarships to young women in Ohio who are studying for careers in chemistry.

This year's winner for BP Scholarship is **Ms. Lauren E. Wilhelm** of Kings High School from the city of Kings Mills, Ohio. Her AP Calculus Teacher, Lynn M. Brant, nominated Ms. Wilhelm. Lauren participated in National Honor Society and was awarded National Merit Commended Scholar.

~Submitted by: Pat Blum & Reiko Simmons (Fluorine Chapter Members)

## Members Meet up at Networking Mixer in San Diego



Iota Sigma Pi members came together for networking at the 2012 Spring ACS Meeting in San Diego. Those attending included: Anne Taylor (Cl), Jennifer Williams (F), Piper Klemm (H), Margaret Grow (MAL), Stacey Althaus (Au), Adrienne Roehrich, Ellen Steinmiller (Pu), Olivia Lee (H), Rebecca Murphy (H), Jessica Kisunzu (H), Jessica Douglas (H), Sharon Vercellotti (Cl), and Megan Sassin (MAL). If you attend any upcoming ACS meetings, be sure to check our facebook page for information on our networking mixers. We look forward to seeing you there!



# MEMBER NEWS



## Megan Bourg Sassin Receives Inaugural WCC Rising Star Award

**Dr. Megan Bourg Sassin**, a founding member and the first president of the Calcium Chapter, was among the inaugural awardees of the Women Chemists Committee (WCC) of the American Chemical Society Rising Star Award. This award was established to recognize exceptional mid-career women chemists across all areas of chemistry on a national level. To be given annually, beginning in 2012, this new award is also intended to help promote retention of women in science.



**Dr. Megan Bourg Sassin**

Sassin was selected to receive the award for her work as a research chemist at the Naval Research Laboratory (NRL) in Washington, D.C. Her research at the NRL focuses on the design, fabrication and characterization of 3D nanostructured electrode architectures that improve the performance of electrochemical capacitors, lithium-ion batteries, metal-air batteries, and fuel cells. This work has applications in a wide variety of areas, including consumer electronics, transportation, and energy generation and distribution.

Nancy Jackson, Ph.D., President of the American Chemical Society stated "We may be making progress in terms of encouraging women into STEM fields, with higher numbers achieving both Bachelors and Doctoral degrees, but the actual number of women in mid-career positions continues to decline. I am pleased to see the WCC address this important issue and the WCC Rising Star Award gives us another opportunity to highlight successful women chemists and help promote retention in the chemical enterprise."

## Vicki H. Grassian Receives ACS Award for Creative Advances in Environmental Science & Technology

**Dr. Vicki Grassian**, a University of Iowa chemistry professor and Collegiate Fellow, was recognized for her work in using laboratory techniques to understand particles and their impact on climate, the environment, and health. This national award was designed by the American Chemical Society to encourage creativity in research and technology or methods of analysis to provide a scientific basis for informed environmental control decision-making processes, or to provide practical technologies that will reduce health risk factors.

The following is taken from the January 30, 2012 issue of Chemical and Engineering News regarding her recognition:

*"Professor Grassian is a pioneer for her original and creative contributions in understanding the physicochemical properties of mineral dust aerosol through fundamental laboratory studies," says Kimberly A. Prather, professor of atmospheric chemistry at the University of*



# MEMBER NEWS



*Continued from page 9*

*California, San Diego. "These fundamental laboratory studies have directed us toward better understanding the atmospheric chemistry and climatic implications of mineral dust aerosol, an important component of the Earth's atmosphere."*

*Grassian has "established herself as the leading laboratory chemist working on environmental reactions on oxide and carbonate surfaces," [Gregory] Carmichael [a colleague at Iowa who serves as associate dean for research and graduate studies in the College of Engineering and a professor of chemical engineering] says. "Her work has been creative, comprehensive, and transformative."*

*Carmichael comments that Grassian's results are "widely used in atmospheric chemistry and climate models." And with her research on heterogeneous reactions on realistic environmental surfaces, Grassian has "explained more results from field studies on dust than has any other investigator in the world," Prather adds.*



**Dr. Vicki H. Grassian**

## Roxie Allen Receives Award in High School Chemistry Teaching

**Roxie Allen**, of the Neptunium Chapter, was the 2012 recipient of the James Bryant Conant Award, which was designed to recognize, encourage, and stimulate outstanding teachers of high school chemistry at the national level.

The following was taken from the January 30, 2012 Chemical & Engineering News:



**Roxie Allen** is presented with her award by sponsor representative Dick McGraw and ACS President Bassam Z. Shakhshiri.

*Roxana Allen's colleagues call her a gifted, patient, and talented teacher. Her enthusiasm for chemistry so inspires her students that, for them, learning is not a chore but fun. Her success in the chemistry classroom stems from her ability to create "a stable compound consisting of exceptional scientific knowledge, motherly patience, high expectations, and a child's delight with the mysteries of the natural world," says an educator who knows her well.*

*Allen doesn't just focus on creating insightful teaching lessons. She is also committed to her own professional development and to the professional development of other chemistry teachers. Allen "is always eager to learn and improve" to better teach her students, a colleague says.*

# MEMBER NEWS

## Carolyn Bertozzi Speaks on Bioorthogonal Chemistry

**Dr. Carolyn Bertozzi**, 2004 Iota Sigma Pi Agnes Fay Morgan Research Award recipient, delivered the latest Kavli Foundation Innovations in Chemistry Lecture at the 243rd National Meeting & Exposition of the American Chemical Society (ACS).

Bertozzi is the T.Z. and Irmgard Chu Distinguished Professor of Chemistry and Professor of Molecular and Cell Biology at UC Berkeley, an Investigator of the Howard Hughes Medical Institute, and Senior Faculty Scientist at the Lawrence Berkeley National Laboratory.

Bertozzi spoke on the topic of bioorthogonal chemistry - an emerging field of chemistry she founded barely a decade ago. Bertozzi's research interests span the disciplines of chemistry and biology with an emphasis on studies of cell surface glycosylation pertinent to disease states. Such work has the goal of joining the traditional way of making medicines from ingredients mixed together in a factory with a new approach in which doctors administer the ingredients for a medicine separately to patients, and the ingredients combine to produce the medicine inside patients' bodies.



**Dr. Carolyn Bertozzi**

## RECOMMENDATIONS FOR READING AND REFLECTION

Following are some articles that you may find interesting. The opinions expressed within are not necessarily those of Iota Sigma Pi but are meant to stimulate thought and discussion.

- "Women in science: In pursuit of female chemists" by Carol V. Robinson  
(*Nature* **476**, 273–275 w [www.nature.com](http://www.nature.com))
- "Supermoms' Should Tell the Truth About Their Perfect Lives" by Melissa Stanton  
(*the Atlantic* w June 25, 2012 w [www.theatlantic.com](http://www.theatlantic.com))
- "Strategic Alliances Can Make or Break Female Leaders" by Sylvia Ann Hewlett  
(*Harvard Business Review Blog Network* w June 20, 2012 w [blogs.hbr.org](http://blogs.hbr.org))
- "Why Women Still Can't Have It All" by Anne-Marie Slaughter  
(*Atlantic Magazine* w June/July 2012 w [www.theatlantic.com](http://www.theatlantic.com))
- "When Scientists Choose Motherhood" by Wendy M. Williams & Stephen J. Ceci  
(*American Scientist* w March/April 2012 w [www.americanscientist.org](http://www.americanscientist.org))

*If you have an article you would like to recommend to your fellow lotans, please send it along to the Editor, Michelle Ward, at [muscat@pitt.edu](mailto:muscat@pitt.edu).*

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## MARK YOUR CALENDARS!



**Iota Sigma Pi  
Networking Mixer  
at the next ACS  
Meeting in  
Philadelphia!  
August 21, 2012  
from 5-7 pm  
11A Pennsylvania  
Convention Center**

**VISIT OUR NEW  
SOCIAL MEDIA PAGES!**

**Facebook page:**

[www.facebook.com/IotaSigmaPi](http://www.facebook.com/IotaSigmaPi)

**Twitter page:**

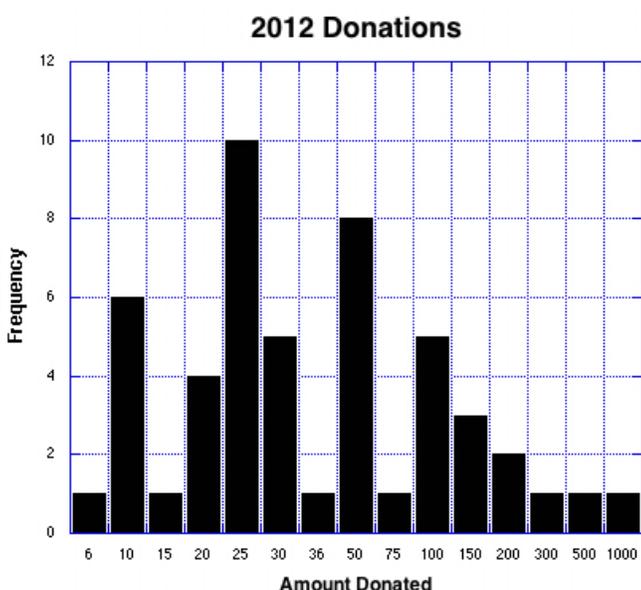
[twitter.com/#!/IotaSigmaPi](http://twitter.com/#!/IotaSigmaPi)

**VISIT US ON THE WEB:**

[www.iotasigmapi.info](http://www.iotasigmapi.info)

## Iota Sigma Pi Donors Make the Organization Continue to Recognize Women Chemists

National Council would like to thank all the members who make Iota Sigma Pi possible. Thanks to everyone who nominated someone for membership or an award. Thanks to those of you who have served on Awards Committees or assisted National Council in other ways. Special thanks to those of you who made donations to our organization; we received a grand total of \$3250.49 in donations this year. The overall picture of donations for the last fiscal year is shown in the graph below. The number of donors to the Student Awards was 46 providing a total of \$1,487.65; 32 donated to the Professional Awards (\$1,346.80) including one specifically designated to the Centennial Award for Excellence in Teaching, and 19 donated to the Triennial Convention Fund totaling \$416.04.



Your continued donations to the Awards funds make the Student Awards and Professional Awards possible. Donations to the Convention Fund also make the triennial meeting possible. Donors are listed under the category for which the donation was made. Thirteen of our donors are sustaining members who donated \$100 or more. It's not too late if you want to make another donation. If you wish to make another donation, cut out the form below, fill it in and send it with your check made out to Iota Sigma Pi to the National Treasurer, Kathryn Thomasson:

University of North Dakota  
Chemistry Department  
Abbott Hall Room 236  
151 Cornell Street Stop 9024  
Grand Forks, ND 58202-9024

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Contribution to Professional Award Fund \_\_\_\_\_

Contribution to Student Award Fund \_\_\_\_\_

Contribution to Convention Fund \_\_\_\_\_

Total Contribution \_\_\_\_\_

We have converted to an electronic circulation of our newsletter. Therefore if you are interested in still receiving a printed copy of the lotan and you have not already done so, please send the "opt in" form below to the attention of Dr. Michelle Ward (Department of Chemistry, University of Pittsburgh, Room 107, 219 Parkman Avenue, Pittsburgh, PA 15260).

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

*I am interested in receiving a printed copy of the lotan.*



**Iota Sigma Pi / THE IOTAN**  
c/o Michelle Ward  
Dept. of Chemistry  
University of Pittsburgh  
Room 107 / 219 Parkman Avenue  
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