



# THE IOTAN

Iota Sigma Pi  
National Honor Society for Women in Chemistry

February, 2011 No. 104

## *Invitation to Convention from National President* *by Kathryn Louie, National President*

Since our last convention three years ago, the country has gone through many changes and upheavals. We are weathering an economic meltdown and its aftermath that has touched all of us; however, the current outlook is projected to be on the upswing. We also are experiencing an increase in the use of social media that is rapidly changing the communications landscape and appears to show no signs of abating. The Iota Sigma Pi 30th Triennial Convention, June 23-26, 2011, promises to be an exciting event as we convene to determine ways for our society to grow to meet today's challenges. We need your input and help in growing the Society and increasing its effectiveness in helping our members.

With the focus on science and technology increasingly in the forefront nationally and internationally, could Iota Sigma Pi do more to encourage and promote interest in chemistry among women students? Or helping young women entering the profession and older women re-entering the profession after raising a family? Can Iota Sigma Pi do more to foster the professional advancement of women in chemistry and related fields? We have steadily increased our number of awards but is there more we can do to increase the recognition of our award winners and of the outstanding achievements of other women chemists? These are questions that are even more pronounced during these times. Networking and mentoring continue to be dependable methods to address these

questions. Our Society offers a network that is filled with potential mentors with many years of experience in the different aspects of the scientific enterprise, and our networking reach has recently increased through our use of the various social media venues. We have members in all areas and levels of academia, industries and government agencies. The Triennial Convention is the place to be to meet these exceptional women and to network with them. We also can find inspiration from the professional award winners as we recognize and hear from them.

Have you or your chapter decided who should attend? In this issue, you will find the registration form and more details regarding the convention. I encourage all of you to think about attending or sending delegates who will report back to your chapter of the convention proceedings.

Has your chapter been busy with outreach or professional development or do you have any research or projects you would like to share? The convention informally begins with a Poster session and reception hosted by Fluorine Chapter on Thursday evening. Please consider submitting an abstract for your chapter or yourself. I am excited to hear what our members have been up to during the last three years!

The majority of the business during the convention deals with reporting what National Council and the chapters have accomplished over the past three years, and most importantly, with discussing

where we will go in the next three years. Each person's contributions are essential to help make decisions, provide new ideas and plan goals and strategies to ensure we continue to meet the objectives of Iota Sigma Pi. On the registration form, you will find that each participant needs to select and rank three committees she is interested in joining. I'll describe them here briefly, to help make choosing a little easier.

**Awards** – Review the student and professional awards given by the society.

**Budget & Finance** – Review the dues structure and set budget priorities.

**Membership Communications** – Consider and evaluate all types of communications with the membership including The Iotan, the webpage, listservs, emails, mailings to chapters, etc.

**Chemical Awareness & Outreach** – Discuss the Speakers Bureau and other outreach activities pursued by members to enhance public knowledge of women in chemistry and science literacy.

**Audit** – Review the National Treasurer's Triennial financial report.

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**Chapter Program Development** – Review chapter vitality and national programs for chapters; suggest new ideas and strategies for chapter recruitment, retention, etc.

**Extension & Publicity** – Review how we communicate to individuals outside of our membership. Discuss recruiting strategies for members and award nominations.

**Long Range Planning** – Review the status of the organization and identify needs. Articulate long term goals and specific objectives to work towards. Include a review of at-risk chapters and their impact on the future of the organization and discuss possible ways to revitalize them.

**MAL** – Review operations, discuss issues or ideas to improve member involvement, and choose the outstanding chapter award recipient.

**Resolutions** – Assemble a list of acknowledgements for convention. Again, I cannot stress enough how critical your chapter's participation is to help shape and guide us in the future. You have a voice in Iota Sigma Pi and we want to hear it! I look forward to seeing old friends and many more new ones while we enjoyably work towards great success of Iota Sigma Pi! Read on in this issue to find the details and registration information and I'll see you in Cleveland!

*Kathryn Louie,*

National President.

***Fluorine Chapter to host the  
30th National Triennial  
Convention, Cleveland,  
Ohio, June 23 – 26, 2011  
Chemistry Rocks!***

The Fluorine Chapter will host the Iota Sigma Pi National Convention June 23-26, 2011 in Cleveland, OH. Please mark the dates!!! Start thinking about sending a delegate to represent your chapter! We will be conducting business meetings, chapter poster sessions and elections for National Council. This is a very good opportunity to network with members from other chapters and participate in

shaping the organization's focus for the next three years. The convention will be held at the Embassy Suites Cleveland - Rockside, located in Independence, Ohio, just 10 minutes south of Downtown Cleveland. There will be a reception and poster session Thursday evening after all delegates have arrived. This will be an opportunity for all to meet.

Business sessions of the convention will officially start Friday morning, concluding after the Sunday morning session. The keynote speaker for the Friday evening's award banquet will be the recipient of the National Honorary Member Award. The Saturday luncheon will feature the recipient of the Violet Diller Professional Excellence Award as speaker. Further information will be posted on the official Iota Sigma Pi website and all our social media networks (Facebook, MySpace and Twitter).

Fluorine chapter is very excited about hosting the 30th National Convention. It will be a great time to meet new friends from both in and out of state as well as to renew friendships with members we don't get to see very often. In addition, June is a good time to visit Cleveland when the temperature is most moderate and pleasant.

Some options for Saturday afternoon events are a visit to the Rock and Roll Hall of Fame, in keeping with our conference theme. Right next to the Rock Hall is the Goodtime III that, with weather permitting, provides a relaxing, narrated, two-hour sightseeing cruise of Lake Erie and the Cuyahoga River. Lastly, with perfect timing and appropriateness for our convention, the 14th Street Theatre in Playhouse Square will be presenting its final weekend of Girls Night: the Musical. There are also several good restaurants right in Playhouse Square where we could have dinner before or after the show. The Fluorine Chapter is looking forward to seeing you in June!

*QuynhGiao N. Nguyen,*  
National Vice President and  
Theresa M. Nawalaniec.

Fluorine Chapter Planning Committee,

**CHAPTER TRIENNIAL  
REPORTS DUE ON MAY 2<sup>nd</sup>  
2011!!!**

Time to submit your chapter triennial reports. I would like to have a report from each chapter, no matter what your chapter's level of activity has been during the last 3 years. National Council, as well as other chapters, would like to hear about your activities and comments and/or concerns. Please, and most importantly, provide a current list of your chapter officers and their contact information. This information will be placed in the binders also and will be a good resource for chapters in contacting other chapters.

**Iota Sigma Pi Election Slate: 2011-  
2014 National Council Nominees**

President:

Margaret Workman (AuI)

Vice President:

QuynhGiao Nguyen (F)

Secretary:

Anne Taylor (CI)

Historian:

Susan Marine (Ra)

Webmaster:

Chris Hermann (Ag)

Director of Student Awards:

Jill Granger (La)

Director for Professional Awards:

Nancy Hopkins (CI)

Coordinator of Initiates and Supplies:

Reiko Simmons (F)

Records Chair:

Janet Marshall (Ra)

Editor:

Ajitha Devarajan (Au)

MAL Coordinator:

Gail Blaustein (MAL)

Treasurer: TBA

***Iota Sigma Pi  
National Convention  
Cleveland,  
June 23-26, 2011***

***Want to be a delegate?  
See your chapter officers for  
details!!!***

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**Iota Sigma Pi's 30<sup>th</sup> National Triennial Convention, June 23 – 26, 2011**

The 30<sup>th</sup> Triennial Convention will be in Cleveland Ohio. The Cleveland area has many attractions and historical districts. Attractions include the Rock and Roll Hall of Fame, the Great Lakes Science Center (including NASA Visitors Center), Playhouse Square and Theater district (this is a world renowned theater district, offering Broadway shows and classical theater), University Circle Museums (Art, Natural History, Botanical Garden), shopping at Tower Center and Aurora Farms Outlet, Goodtime III - lunch excursion or early evening ride on a boat in the harbor to see the Cleveland skyline from Lake Erie. Many excellent restaurants abound in the near-downtown areas. Link for Cleveland: <http://www.cleveland.com/>

We are holding the convention at the Embassy Suites Cleveland-Rockside, 5800 Rocksidewoods Blvd, Independence. (216-986-9900). Bring your family, come and meet with your colleagues from around the country. Share your ideas about the future of Iota Sigma Pi and be a part of keeping our society strong. **Deadline for registration is April 18, 2011.** Upon receipt of registration forms and fees, Lily Ng [LILYMSNG@gmail.com](mailto:LILYMSNG@gmail.com) (216-295-2314) will send confirmation and other information to the registrants. Lodging is based on double occupancy; roommates will be assigned. A specific roommate may be requested on the registration form. Alternatively, Iotans may pay a Single Supplement to reserve a room for single or family occupancy. Convention check-in begins at 3 pm on Thursday for those who arrive early to participate in the poster session and reception hosted by the local Fluorine Chapter.

**Call for Posters:** All chapters and National Council members are encouraged to submit posters on their activities over the past three years. Posters may be set up at 6:30 pm; the reception begins at 7:00 pm. Light refreshments will be served. Abstracts of no more than 250 words should be sent to

Anne O'Connor, Poster Session Chair  
Chemistry Department, Cleveland State University  
2121 Euclid Ave, Cleveland, OH 44115  
Email: [anne3266@aol.com](mailto:anne3266@aol.com) ,Phone: 440-667-8699

**Abstracts should be submitted no later than May 15, 2011.** Electronic submissions are preferred.

**Delegates:** Each active chapter may send one voting delegate, with the exception of AuI, and F which may send two delegates due to the size of their chapters. Member-at-Large (MAL) will be represented by four delegates. Delegates are chosen from among those who have been active members of their chapters during the past three years or who will take on a leadership role in the upcoming year. If a member of your chapter is a nominee for National office (and is not currently a National officer), she should serve as the chapter's delegate. If you are interested in being a delegate (and your dues are current), contact your chapter officers or MAL Coordinator for further information. You may contact Nancy Hopkins ([nhopkin@tulane.edu](mailto:nhopkin@tulane.edu)), National Records Chair, to verify your dues status and obtain names and contact information for your chapter officers.

The major expenses for the delegates will be paid from the National Convention Fund. Delegates are encouraged to obtain the lowest price, non-refundable coach fares; reimbursement will be made at the convention. Prior permission from the National Treasurer, Margaret Workman ([mworkman@depaul.edu](mailto:mworkman@depaul.edu)), will be required for airline ticket reimbursement over \$475.00. Double occupancy lodging is provided in the Convention Package; single rooms are available for a supplemental fee. The Convention Package does not include meals on Thursday, dinner on Saturday night, phone calls, and miscellaneous expenses. Chapters often provide their delegates with additional money to augment the convention package.

Alternate delegates may also be sent to the convention. Their expenses are the responsibility for the members themselves or the chapter, if the chapter so elects. All members are welcome to attend all or part of the convention at their own expense. Cost to non-delegates will be \$460 (double occupancy). See the Registration Form for details. We encourage all Iotans to participate in all activities, but only delegates may vote. In addition to governance sessions and elections, eight national award winners will be recognized at the convention. The Friday evening award banquet is traditionally a dressy affair. Casual business attire is appropriate for most other events during the convention. Time has been set aside for sightseeing and social events.

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## **2011 Program**

### **Wednesday, June 22**

Evening National Council members arrive and check in  
6:00 pm-7:30 pm Dinner

### **Thursday, June 23**

6:30 am Breakfast in hotel  
8:00 am-5:00 pm National Council pre-convention meeting  
12:00 noon-1:00 pm Lunch for National Council

2:00 pm-7:00 pm Registration for delegates, awardees, non-delegate members, & guests  
7:00 pm-9:00 pm Reception and Poster Session, (including refreshments)

7:45 pm Welcome & Introductions

### **Friday, June 24**

6:30 am Breakfast in hotel  
8:00 am-9:15 am Opening of Convention and National Council Reports  
9:15 am-9:30 am Slate of National Council Candidates Presented  
9:30 am-9:45 am Break  
9:45 am-11:00 am Chapter reports  
11:00 am-1:00 pm Lunch (Morgan & Centennial Awardees Panel)

1:00 pm-3:00 pm 1st Committee Sessions  
3:00 pm-5:00 pm 2nd Committee Sessions  
5:00 pm-6:30 pm Committee report preparation  
6:30 pm-7:00 pm Photo Session / Social

7:00 pm-9:30 pm Awards Banquet (Speaker: National Honorary Member), Memorial Service

### **Saturday, June 25**

7:00 am Breakfast in hotel  
8:00 am-9:45 am Committee Reports  
9:45 am-10:00 am Break  
10:00 am-11:30 am Committee Reports continued; New Business  
11:30 am-12:30 pm 2011-2014 National Council Election, Photo Session (NC only)  
12:30 pm-2:00 pm Lunch (Professional Excellence Award recipient as speaker)

2:00 pm-Evening Tours & activities, free time, dinner on own

### **Sunday, June 26**

7:00 am Breakfast in hotel  
8:00 am-11:00 am Council, Closing Remarks  
11:30 am Delegates depart for home  
12:00 pm-3:00pm Joint National Council Post-convention meeting

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Iota Sigma Pi-30<sup>th</sup> National ISP Triennial Convention  
Embassy Suites, Cleveland-Rockside in Independence: June 23 – June 26, 2011

**REGISTRATION FORM**

Registration Deadline: **April 1, 2011**

Full Name \_\_\_\_\_ Name on tag \_\_\_\_\_  
Street Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Email \_\_\_\_\_ Home Phone \_\_\_\_\_ Work Phone \_\_\_\_\_ Cell Phone  
\_\_\_\_\_ Fax \_\_\_\_\_  
Affiliation: Chapter: \_\_\_\_\_ Member at Large (MAL) \_\_\_\_\_ Other \_\_\_\_\_

**Role at Convention (Circle one)** National Council\* Delegate\* Alternate Designate\* Awardee  
Non-Delegate Iotan Guest Visitor  
\* These **MUST** participate in the entire convention.

**Accommodations:** Embassy Suites Rockside, 5800 Rocksidewoods Blvd, Independence, OH 44131, 216-986-9900  
The room rates are \$165 per night for single occupancy and \$80 per night for double occupancy (Roommates will be assigned, though preference can be stated.)

\_\_\_\_\_ Single Occupancy \_\_\_\_\_ Double Occupancy; Roommate \_\_\_\_\_  
\_\_\_\_\_ Smoking\* \_\_\_\_\_ Non Smoking \_\_\_\_\_ Special Need \_\_\_\_\_ No preference

\*If you request a smoking room and a roommate cannot be found, you will be required to pay a single occupancy rate of \$165 per night (or the *Single Supplement* in addition to the Convention Package - see below)

**Nights of Stay** \*\* Wednesday (National Council Only) \_\_\_\_\_ Thursday \_\_\_\_\_ Friday \_\_\_\_\_ Saturday \_\_\_\_\_  
\*\*If you would like reservations for extra nights, please provide dates \_\_\_\_\_

**The Convention Package:** \$460

\*The convention package includes all listed events and 3 nights (Thurs.-Sat.) double occupancy lodging. Roommates will be assigned, though preference can be stated. If you would like a single room (or would like to share your room with family/friend/child), select the *Single Supplement* below. The package prices include breakfast, lunch, and dinner on Friday, breakfast and lunch on Saturday, breakfast on Sunday, registration, and photo package. (Please **circle** meal preferences below). It **does not** include meals on Thursday (except for the National Council), Saturday night dinner, individual transportation to/from the airport (the hotel provides a free airport shuttle), phone calls, or miscellaneous expenses.

**National Council pays the Convention Package for all delegates.**

Single Supplement to Convention Package: (single/family occupancy)\$80/night\*\* X \_\_\_\_\_ nights=\$ \_\_\_\_\_

\*\* If you pay the *Single Supplement* to have your own room, your spouse/friend/child can share your room for no additional cost. If you need a rollaway bed, there may be a charge for it. Note this in the Special Need section above.

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**Partial or additional registration** is available as follows:

Registration Fee	\$40 (full); \$30 (one day)	_____
Full Meals Package (includes all meals listed below)	\$150	_____
Friday Breakfast	\$14	_____
Friday Lunch	\$29	_____
Friday Dinner (Banquet)	\$52	_____
Saturday Breakfast	\$14	_____
Saturday Lunch	\$35	_____
Sunday Breakfast	\$14	_____
Room: _____ nights X \$80 per person shared or \$165 single		_____
Photo Package	\$35	_____
Additional Convention Binder & Handouts for Chapter Records: \$20.00		_____
<b>Total</b>	<b>=</b>	<b>\$</b> _____

**Friday Banquet Entrée Choice** (select one):

- \_\_\_\_ **Filet mignon** with Port Wine Sauce
- \_\_\_\_ **Salmon** with Kentucky Bourbon and Vanilla Bean Sauce
- \_\_\_\_ **Grilled Citrus Chicken** with Plum Wine and Blood Orange Emulsion
- \_\_\_\_ **Penne Pasta** with Vegetables

**Special Needs**

- \_\_\_\_ Check here if you have special requirements (e.g., vegetarian meals, dietary restrictions, mobility restrictions, etc., and explain these needs.
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**Convention Committees of Interest:** select 3 and number them 1,2,3 according to preference.

_____ Awards	_____ Audit
_____ Budget and Finance	_____ Chapter Program Development
_____ Extension and Publicity	_____ Chemistry Awareness and Outreach
_____ Members-At-Large	_____ Long Range Planning
_____ Resolutions	_____ Membership Communications

(Descriptions of the committees may be found on page 1)

**Email registration form to:** Lily Ng, [LILYMSNG@gmail.com](mailto:LILYMSNG@gmail.com) **or Mail with payment to:**

**Lily Ng**

**3622 Lynnfield Road, Shaker Heights OH 44122-5112**

**Make checks payable to: Iota Sigma Pi-2011 Convention.** Email confirmation will be sent on receipt of registration.

### **Candidates for the 2011-2014 National Council**

The Nominations Committee presents the following slate of candidates for the 2011-2014 Iota Sigma Pi National Council. Elections will take place at the Triennial Convention in June. In accordance with Iota Sigma Pi's Constitution and Bylaws, nominations from the floor or write-in candidates are permitted as long as the nominee is a member in good standing and has consented to the nomination in writing. The following biographies have been abbreviated; full biographies will be provided in the delegate packet available at convention.

**President: Margaret Workman (AuI)**

Dr. Workman received her BS degree with honors in Chemistry from the Ohio State University in December 1991 and was also inducted into Phi Beta Kappa while there. She then attended Purdue University and received an MS degree in Chemistry Education in 1994 and her PhD in Atmospheric Chemistry. Dr. Workman studied various oxides of chlorine and bromine and their possible role in ozone depletion cycles in the stratosphere. While at Purdue she was initiated into the Plutonium Chapter of Iota Sigma Pi and served as Outreach Coordinator (planning outreach activities with children in the community) and President of the chapter. Dr. Workman is currently the Laboratorian and Instructor at DePaul University in the Environmental Science Program. She teaches many Liberal Studies classes for the Environmental Science Program including Introduction to Environmental Science; Resources, Population and the Environment; Cities and the

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Environment; Energy and the Environment; and Discover Chicago. Her work at DePaul focuses on science education including student learning of Environmental Science, on-line learning, and teacher training. Dr. Workman is currently a member of the Aurum Iodide Chapter of Iota Sigma Pi, where she is currently the President, after a long career of being Chapter Treasurer (2002 – 2010). She is also currently on the National Council and has served as the National Treasurer of Iota Sigma Pi since 2005. Her first experience at an Iota Sigma Pi Convention was the 25<sup>th</sup> Convention in New Orleans (1996) when she was in graduate school. She then attended the 27<sup>th</sup> National Triennial Convention of Iota Sigma Pi in Berkeley (2002) and served on the Chapter Program Development Committee and the Publications, Communications, and Website Committee. She also attended the 28<sup>th</sup> National Triennial Convention in Sweet Briar (2005) and the 29<sup>th</sup> National Triennial Convention in Cincinnati (2008) and served on the Budget and Finance Committee and the Long Range Planning Committee.

Vice President: **QuynhGiao N. Nguyen (F)**

Dr. Nguyen was inducted to Iota Sigma Pi – Fluorine chapter in 1994. Her contributions included co-chairing the Fluorine Chapter's 75<sup>th</sup> jubilee celebration for which she received the Joan Lambros Award for her service and dedication to the Fluorine Chapter in 2003. Dr. Nguyen has served on the National Council as the National Supplies Coordinator (2003-2005) and is the current National Vice President (2008-2011). She holds a B.S. in Chemistry from Notre Dame College, a M.S. in Chemistry and Ph.D. in Clinical/Bioanalytical Chemistry from Cleveland State University. She joined NASA full-time in 1998 as a Materials Research Scientist where she studies and publishes journal articles on high temperature materials for aircraft engines and re-entry vehicles. Currently she is on a temporary assignment to the Space Flight Systems Directorate in which she is learning about program/project management and how NASA aligns its goals with the budgets of the President and Congress. Dr. Nguyen represents NASA in the White House Council of Women and Girls, an Executive Order Initiative signed in 2009 to promote STEM studies and issues among females to be launched in 2011.

Secretary: **Anne K. Taylor (Cl)**

Dr. Taylor joined Iota Sigma Pi after moving to Baton Rouge, LA and since then has served as Treasurer and President of Chlorine Chapter. She is currently the Historian and also helps organize outreach activities. Anne is also active in ACS and AAUW and has been an officer in both organizations. Professionally, Anne is currently a technical writer and consultant in the pharmaceutical and related industries, mostly with the consulting firm CTD Quality Consulting. She writes and edits documents for client companies and sometimes writes articles for the chemistry public (in the former ACS newspaper, Chemistry). Previously, she spent 14 years working in pharmaceutical analytical chemistry in New Jersey. She was employed by Parke-Davis (now Pfizer) and Schering-Plough (now Merck), developing test methods for new drug formulations. Earlier in her career, she taught at several colleges in Upstate New York and was a “full time Mom” for a few years. Anne has a Ph.D. in organic chemistry from Cornell University (NY) and a BA degree in chemistry from Gettysburg College (PA).

Editor: **Ajitha Devarajan (Au)**

Dr. Devarajan received her PhD from the National Chemical Lab in India in Theoretical and computational chemistry. Before moving to the US in 2005, she worked with computational software development groups in Tokyo and with MOLCAS quantum chemistry software developer group in Sweden. Dr. Devarajan is currently working as a Postdoctoral Research Associate with the GAMESS developer group with Dr. Mark Gordon and Dr. Theresa Windus. At Ames Laboratory/ Iowa State University, Dr Devarajan has implemented a high performance molecular nucleation method to study nucleation and growth of aerosol clusters using thousands of processors. She also researches on understanding the molecular level processes involved in the biodegradation of cellulose to enable an economical and faster conversion of biomass to ethanol. Dr Devarajan's research has resulted in twenty four publications in international journals and twenty five presentations in national and international conferences held in India, Japan, Sweden, Italy and United States. Dr. Devarajan has instructed undergraduate level general chemistry and physical chemistry courses.

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Initiated in the MAL chapter, Dr. Devarajan has been active in Iota Sigma Pi from 2006. She is currently finishing her first term as National Editor and member of Aurum Chapter. Dr. Devarajan has served on scholarship committees and has contributed articles to The Iotan.

**Historian: Susan Sonchik Marine (Ra)**

Dr. Marine, a member of Radium chapter, is an analytical chemist and an associate professor of chemistry at Miami University (Ohio). She earned her B.S. in Chemistry magna cum laude (1975) from John Carroll University. Dr. Marine earned her M.S. in Analytical Chemistry (1978) and Ph.D. in Physical Chemistry (1980) at Case Western Reserve University while working full-time at The Standard Oil Company Research Center. She then managed an environmental laboratory near Washington, D.C. From 1983-1995 Dr. Marine worked for IBM Instruments Inc and the IBM Microelectronics Division and in 1995 she left industry for academia as a Visiting Associate Professor at Centre College. In 1998 Dr. Marine joined Miami University Middletown to direct their new Chemical Technology Program, wedding her passion for teaching with her enjoyment of industrial applications of chemistry. Dr. Marine has been active in local and national professional societies including ACS, ASTM, and IΣΠ. She was president of Fluorine chapter 1978-1979, MAL Financial Manager 1993-1997, National VP 1996-1999, National President 1999-2002, Immediate Past President 2002-2005, and National Historian 2010-2011. Dr. Marine was the 2008 recipient of the IΣΠ Centennial Award for Excellence in Undergraduate Teaching.

**Records Chair: Janet L. Marshall (Ra)**

Dr. Marshall received her B.S. degree with highest honors in chemistry from the University of North Carolina at Chapel Hill. She completed her Ph.D. in inorganic chemistry at the California Institute of Technology under the guidance of Professor Harry B. Gray. After graduate school, she accepted a research and development position with Procter & Gamble Co. in Cincinnati, OH. While at P&G, she was co-inventor on six patents and co-author of two scientific publications. After taking time off to raise children, Dr. Marshall joined the academic world and has taught at both the Raymond Walters and Clermont College campuses of the University of Cincinnati. She also taught a year of high school chemistry and environmental science at Wyoming (Ohio) High School before accepting her current position as a Visiting Assistant Professor of Chemistry at Miami University Middletown. Dr. Marshall teaches organic and general/organic/biochemistry for allied-health students at both the Middletown and Oxford campuses. In addition, she is the Miami University faculty liaison and high school teacher mentor for the dual enrollment/dual credit offering of organic chemistry at Centerville (Ohio) High School. Dr. Marshall was initiated into Iota Sigma Pi in 2010 and is currently the secretary for the Radium Chapter. She is also a member of the American Chemical Society.

**Director for Professional Awards: Nancy Eddy Hopkins (Cl)**

Dr. Hopkins received her B.S. in chemistry from Auburn University and her M.S. in clinical pathology from the University of Alabama at Birmingham. After living in Japan and western Louisiana while her husband was in the U.S. Army, she moved to New Orleans in 1977 where she taught at Loyola University. In 1985, she started work on her doctorate at Tulane University. She continued to teach at Loyola through the spring of 1988 and then pursued her doctorate full time. She received her Ph.D. in bioorganic chemistry in May 1992. In 1998, she joined the faculty of Millsaps College in Jackson, MS. She returned to Tulane in 2000 as a research associate in the Hayworth Genetics Center and later moved to the department of Cell and Molecular Biology where she is Professor of Practice and teaches biochemistry and molecular biology. Dr. Hopkins was initiated into Chlorine chapter in 1996. She is currently the chapter Membership Activities Coordinator and has served previously as Secretary, and President. She has also served as coordinator of the chapter's science outreach projects. She was elected to National Council in 2005 as Records Chair and has served in that role up to the present.

**Director of Student Awards: Jill Nelson Granger (La)**

Dr. Granger is Associate Dean and Professor of Chemistry at Sweet Briar College (VA). She earned her Ph.D. in Chemistry from Purdue University (1993) in analytical chemistry and specialized in the synthesis

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and characterization of novel DNA oligonucleotides using high-field NMR and molecular modeling under the direction of David Gorenstein. Dr. Granger was an NIH Cancer Center Fellow, a General Electric - Purdue Foundation Teaching Incentive Award Scholar, and was active at Purdue in revitalizing the Plutonium Chapter of Iota Sigma Pi in the early 1990's. She has served on the faculty of Sweet Briar College since 1993, teaching courses and labs for majors on biochemistry, analytical, and general chemistry, and courses for non-majors including Biochemistry of Human Nutrition, an Honors course on Cancer, and Chemistry for the Liberal-Arts. Dr. Granger has mentored over 40 undergraduate students in research, served as an officer in the Blue Ridge Section of ACS, and, with her colleagues in the mid 1990's, initiated a new chapter of Iota Sigma Pi in the Lynchburg area (VA), Lanthanum Chapter, serving as President until 2010. In 2000, an NSF award allowed her and her colleagues to do a major revision of the undergraduate science program for the preparation of future elementary teachers. Dr. Granger has received over \$1 million in extramural funding for science education projects. In 2007, the American Association of University Women named her Virginia's "Education Advocate of the Year". Dr. Granger's foray into academic administration began in 2007, having served as Director of the Honors Program in her capacity as Associate Dean, in addition to work in college-wide assessment, student external awards, academic support, retention and quality of experience. She and her husband Rob have four wonderful children ages 19 to 11. They enjoy time on the water at Smith Mountain Lake, and leisure time with friends and family at home in Amherst, VA and in travels.

**MAL Coordinator: Gail Blaustein (MAL)**

Dr. Blaustein graduated summa cum laude with a B.S. in metallurgical engineering and minor in mathematics from the South Dakota School of Mines and Technology. She then served as an officer in the United States Air Force while stationed at Hanscom Air Force Base near Boston Massachusetts. In 2005, Dr. Blaustein entered graduate school at Tulane University. During her studies in theoretical physical chemistry, Dr. Blaustein was awarded the prestigious Department of Defense Science Mathematics and Research for Transformation (SMART) Scholarship, the 2008 IBM fellowship in computational science and the 2010 Iota Sigma Pi MAL Re-entry Award. After earning her Ph.D., she joined the Environmental Chemistry Branch of the US Army Engineer Research and Development Center in Vicksburg, MS where she is currently employed as a research computational chemist.

**Coordinator of Initiates & Supplies: Reiko Simmons (F):**

Dr. Simmons earned a Ph.D. in Physical Chemistry and Bio-analytical Chemistry at Cleveland State University and a Master of Education (M.Ed.) at Kent State University. With a passion for science and teaching, she is currently an Instructor of Chemistry at Cleveland State University (CSU) and John Carroll University (JCU). Dr. Simmons is also an active member of the national chemistry community, serving as a National Council Officer (2005–Present) and the Coordinator of Initiates and Supplies (2005–Present) for Iota Sigma Pi. She has also been active in the local chemistry community, having served as the Scholarship Committee Chair (1999–2008) for the Fluorine Chapter and the Coordinator (2003–2009) for the Cleveland Section of the American Chemical Society's High School Chemistry Olympia. Prior to becoming an Instructor of Chemistry, Dr. Simmons had the privilege of spending 30 years as a teacher, supervisor, Educational Assessment Clinic coordinator, and consultant with the Cleveland Board of Education. As a "personal and official tribute" for her service, the mayor signed a proclamation, naming a day in her honor. Dr. Simmons also had the distinction of being a Visiting Professor in the Department of Teacher Education at CSU. Currently, Dr. Simmons immediate family includes her husband who is an instructor at CSU, her two daughters and a granddaughter.

**Webmaster: Christine K. F. Hermann (Ag)**

Dr. Hermann, a professor of chemistry at Radford University, is in her twenty-sixth year of teaching. In addition to teaching organic chemistry, she has also taught general chemistry, qualitative organic chemistry, and advanced organic chemistry and teaches summer school at Virginia Tech. Dr. Hermann has authored sixteen publications in professional journals and coauthored the 7th edition (1998) of *The Systematic Identification of Organic Compounds*, published by John Wiley and Sons, and authored the 8<sup>th</sup> edition of the

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same book. She has done numerous test bank and student tutorial modules for projects for publishers. In her involvement as a member of the Virginia Blue Ridge Section of the ACS, Dr. Hermann has been chair-elect and chair and is currently the chair of the awards committee. She was chair of ChemEd 2009 and is currently the Director of the Blue Ridge Highlands Regional Science Fair. Dr. Hermann is the past secretary and past president of the Argentum Chapter of Iota Sigma Pi. Previously, she organized the national speaker's bureau and has reviewed candidates for the several national Iota Sigma Pi student awards. She is currently the National webmaster for Iota Sigma Pi and has held this position for five years. Dr. Hermann is also webmaster for Our Saviour Lutheran Church in Christiansburg, Virginia and is past vice-president and webmaster for the Southwest Virginia Chapter of Thrivent Financial for Lutherans. Dr. Hermann's avocations include being a private pilot and owning an antique airplane. She also holds a technician class amateur radio license.

### *IΣΠ Member News*



**Mamie W. Moy (Np)** is the recipient of the ACS 2011 Award For Encouraging Women Into Careers In The Chemical Sciences (sponsored by the Camille & Henry Dreyfus Foundation). **As excerpted from *Chemical & Engineering News* January 17, 2011 Volume 89, Number 3, p. 47** It would be impossible to count the exact number of women chemists who have been impacted by Mamie Moy. That's because, ever since she first began teaching chemistry at the University of Houston (UH) in 1954, she has made it a point not only to mentor women chemists herself but also to encourage others to do the same. The need to promote support among female students was readily apparent to Mamie upon earning an M.S. in chemistry from UH in 1952 when few women were in science and even fewer ever thought they could be. Recognizing a need for greater support, she founded the Neptunium (Np) chapter of Iota Sigma Pi at UH in 1966. Mamie has served as faculty adviser to Np since its founding and remains active in the organization. In 2006, for instance, she helped Np work with WCC to coordinate a program for women chemists at the ACS Southwest Regional Meeting. In addition to her collegiate work, Mamie plays an integral role in helping K-12 students cultivate their interest in science. In 1990, she founded the SMART (Science & Mathematics Applied Resources for Teachers) Center to train precollege math and science teachers. Mamie continues to serve as center director and teacher. She has also worked since 1990 with high school science teachers as director of her regional Associated Chemistry Teachers of Texas organization. As a workshop presenter for programs such as "Expanding Your Horizons in Science & Mathematics"—which encourages young women to pursue science, technology, engineering, and mathematics careers—Mamie directly engages local youth. She also mentors local high school girls through a program sponsored by Texas Executive Women. Mamie, the longest-tenured professor at UH, shows no signs of slowing down. A class of graduate chemistry students that is predominantly female? It's tough not to wonder how much of that is the result of Mamie and the countless women inspired by her example. She will present the award address before the Women Chemists Committee.

**Congratulations to Professor Mamie Moy!**

**Jayne Garno (CI)** has received two prestigious awards. President Obama named Jayne as a recipient of the Presidential Early Career Awards for Scientists and Engineers. She will be honored at a ceremony at the White House. The award was announced in *The Advocate* (11/7) and on WAFB TV (11/6) and may be found at <http://www.whitehouse.gov/administration/eop/ostp/pressroom/11052010>. Jayne also recently visited New York City to participate in a symposium sponsored by the Dreyfus Foundation. It was previously announced that she received a Camille Dreyfus Teacher-Scholar Award for 2010.

**Congratulations to Dr. Jayne!**

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**Sources of Iota Sigma Pi  
Supplies and Information**

**Supplies**

For "Membership Information" and "National Awards" pamphlets, History, Constitution and Bylaws, Rituals of Iota Sigma Pi, Rules and Regulations, *The Iotan*, Speakers Bureau information, contact the Supplies Coordinator.

**Initiation**

For Membership Application and Summary of Applicants forms, contact the National Secretary.

**Forming a Chapter**

For procedural information and application forms, contact the National Vice President.

For Charter Certificate, contact the National Historian.

**Financial Reports**

For Financial Report forms, contact the National Treasurer.

**Awards**

For criteria and nomination forms: *Agnes Fay Morgan Research Award*, *National Honorary Member*, or the *Violet Diller Award for Professional Excellence*, contact the Director for Professional Awards.

*Undergraduate Award for Excellence in Chemistry*, *Anna Louise Hoffman Graduate Research Achievement Award*, *Gladys Anderson Emerson Scholarship*, contact the Director for Student Awards.

**Dues**

For dues statements and payments, contact the National Treasurer.

**Chapter Operations**

For changes in Chapter Officers list and forms for reporting local elected officers, contact the National Vice President.

**Address Labels & Membership List**

For change of address and member death, contact the Records Chair.

**Historical Information**

Contact: National Historian

See National Council listing for officers' names and addresses.

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