

Members-at-Large NEWSLETTER

I Σ Π

National Honor Society for Women in Chemistry

December 2007

Editor Joanne Bedlek-Anslow

MAL Coordinator

One of the things done at convention is to elect a new national council. Consider running for MAL Coordinator. You would get to edit this newsletter, communicate with lots of neat folks all over the world and work with the MAL treasurer and MAL Scholarship Committee to manage the Educational Re-entry Award. It's a great way to support IΣΠ without being enormously time consuming. I like being able to communicate with so many different people. Please contact either Joanne Bedlek-Anslow at drjba2000@yahoo.com or Lily Ng at 216-687-2467 or by email at L.ng@csuohio.edu, if you might be interested.

Donate to the MAL Award Fund!

Thank you to everyone who has made a contribution to the very worthy MAL Award Fund. If you have not made a contribution and would still like to make one, please make your check payable to Iota Sigma Pi and please put MAL Scholarship Fund on the memo line. The check can be mailed to Donna A. Iannotti, MAL Treasurer. This is a great way to support promising students, really neat ladies, and Iota Sigma Pi! Any amount is welcome and tax deductible.

Call for Nominations for the 2008 MAL Educational Reentry Award

A flyer is enclosed describing the Members-at-Large Educational Reentry Award. The award is \$1,500 of unrestricted cash and a plaque. If you have a qualified student, nominate them. IF YOU THINK YOU KNOW SOMEONE WHO MIGHT BE EIGIBLE, TALK TO HER AND CONSIDER NOMINATING HER. IF YOUR COLLEAGUES KNOW SOMEONE, PLEASE HAVE THEM MAKE A NOMINATION. Nominators do not need to be Iotans. The students do not need to be Iotans either. If the student is not an Iotan and wins

and meets membership qualifications, she will receive a year's complementary membership in Iota Sigma Pi.

Serve on the MAL Award Committee

If you don't know anyone to nominate for a particular award you can still participate! Volunteer to serve on the MAL Award Committee. The application packets are due March 14th, and the committee will need to make a decision by mid-April. Once I have received all of the nominations, I will put the packets together and send them out to the committee. Ideally we need 6 members with one acting as the committee coordinator. Just let me know if you want to be apart of this wonderful opportunity (see return address or email me at drjba2000@yahoo.com).

MAL Listserv

Effective next summer, the MAL Listserv will no longer be accessible from the Whitman servers. As of now, there are only fifteen of us subscribed. There has been a suggestion to get a gmail account and just make us a group. Is there anyone that is interested in hosting the listserv? Let me know what you think. Until then, we will continue to use our current listserv.

Any user can subscribe or unsubscribe by sending a blank message to:

ispmal-subscribe@whitman.edu or
ispmal-unsubscribe@whitman.edu

Make sure you send from the email address to which you wish to receive mail. You will receive a confirmation request to make sure you control the subscription address. Once this address is verified, the user is either subscribed or unsubscribed, depending upon the message sent to the list.

To send messages to the list, address them to **ispmal@whitman.edu**. It is a private list, meaning that only those of us subscribed can read the messages. If there are questions about the listserv, please contact Ruth Russo at **russorn@whitman.edu**. Thank you to Ruth for hosting our listserv. We appreciate all that you do.

Websites

For the national IΣΠ

<http://www.iotasigmapi.info/>

For MALs

<http://web.centre.edu/muzyka/ispmal>

Member Get-a-Member Campaign

As MALs, we have a policy in place for nominating new members. If you get two new members to join within a year, you are eligible for free ΙΣΠ merchandise from the supplies coordinator. National council lets you use the honor system, so when you've found two people tell the supplies coordinator, and she will send you something. The supplies coordinator is

Reiko M. Simmons

Department of Chemistry, Room 301

Cleveland State University

2121 Euclid

Cleveland, OH 44115

216-687-3969

216-687-9298(fax)

r.simmons@csuohio.edu

Look around you. Are there colleagues, subordinates, friends or students who qualify? Qualifications for membership can be found on our website mentioned above. Remember, students don't need to be majoring in chemistry but must have taken the minimum of chemistry courses (see the undergraduate qualifications). Professionals also just need to meet the minimum number of Chemistry credits; they don't need to be working as Chemists. Institutions and chemists in the area must be included.

In the News...

Study Reveals Reasons for Women's Departure from the Sciences

Women scientists are not pursuing advanced research careers because of a heavier burden of family responsibility and lower confidence compared to men, according to a study by the National Institutes of Health (NIH.) The study will appear in the November 2007 issue of the *EMBO Reports*, part of the *Nature* family of publications.

<http://www.nih.gov/news/pr/oct2007/od-31.htm>

The Feminine Critique

Since entering the workforce more than 30 years ago, women are still largely underrepresented in

leadership positions. Catalyst, an organization that studies women in the workplace, conducts research in order to figure out why this is the case. http://www.nytimes.com/2007/11/01/fashion/01WORR.html?_r=1&ex=1351656000&en=96&oref=slogin

A Little Wine, Sunlight Help Boost Women's Health

Two small studies suggest life-enhancing, life-extending benefits. Two of life's simple pleasures -- a glass of wine, a little time in the sun -- may have benefits for women's health.

http://www.nlm.nih.gov/medlineplus/news/fullstory_57354.html

"Low-Fat Dietary Pattern May Lower Risk of Ovarian Cancer -- The WHI Dietary Modification Trial", October 9, 2007, National Heart, Lung, and Blood Institute. Prentice RL, Thomson CA, Caan B, Hubbell FA, Anderson GL, Beresford SAA, Pettinger M, Lane DS, Lessin L, Yasmeeen S, Singh B, Khandekar J, Shikany JM, Satterfield S, Chlebowski RT. **"Low-Fat Dietary Pattern and Cancer Incidence in the Women's Health Initiative Dietary Modification Randomized Controlled Trial."** *J Natl Cancer Inst* 2007;99:1534-43.

<http://jnci.oxfordjournals.org/cgi/content/abstract/djm159v1>

My Career Path

The Career Path spotlight is on another one of our members, Jean'ne M. Shreeve. It was in high school that I decided that I wanted to be a chemist primarily because I had a great teacher and the subject was fun. I earned a BA in Chemistry at the University of Montana, and an MS in Analytical Chemistry at the University of Minnesota. After completing the Ph.D. in Inorganic Chemistry at the University of Washington, Seattle with Professor George H. Cady, I signed on for a one semester appointment at the University of Idaho to be near to my beloved homeland, Montana. This has become a 47-year long semester and is still going strong with chemistry continuing to be exciting and fun.

How did this happen? I had the good fortune of running into the world's best boss, Professor

Malcolm M. Renfrew, who, when I was a junior assistant professor, would stop by the lab every day to enquire about what had happened since yesterday! Now at 97, he continues to operate in the same mode stopping by several times a week with the same query. I can't imagine not being a chemist! What a wonderful life! Having had the opportunity to do research with about 150 doctoral and postdoctoral colleagues from the U. S. and abroad, and with many undergraduates which has resulted in more than 425 refereed technical publications; having done research in Great Britain twice (once as an NSF postdoctoral and Ramsay fellow at Cambridge with Professor H. J. Emeléus) and in Germany (as an Alexander von Humboldt Senior Scientist at Göttingen with Professor Oskar Glemser); having traveled to nearly every continent for chemistry - as recently as summer 2007 as a plenary and invited lecturer at conferences on ionic liquids in Yokohama; in summers 2005 and 2006 as an invited lecturer at the 17th International Conference on Fluorine Chemistry in Shanghai, and at the 18th International Conference on Fluorine Chemistry in Bremen, Germany.

Our work has been recognized by the ACS Garvan Medal, the ACS Award for Creative Work in Fluorine Chemistry, the ACS Shirley B. Radding Award (Santa Clara Valley Section), the ACS Harry and Carol Mosher Award (Santa Clara Valley Section), election as a Corresponding Member of the Göttingen (Germany) Academy of Science and as a AAAS fellow, the Manufacturing Chemists Association College Chemistry Teaching Award, an Outstanding Achievement Award (University of Minnesota), and a honorary Doctor of Science degree (University of Montana).

My service to the profession has included serving on the boards of directors of the American Chemical Society and the American Association for the Advancement of Science as well other committees in both organizations; as a member of the advisory committee for the NSF chemistry division; of various National Research Council committees, of the Strategic Environmental Research and Development Program's Scientific Advisory Board (Vice-Chair), and of the Board of Governors for Argonne National Laboratory (twice), to name a few. Currently I chair the President's Committee on the National Medal of

Science and I serve as a member of the University of Montana's Foundation Board of Directors.

At the University of Idaho, I was head of the Department of Chemistry for 14 years and Vice President for Research and Graduate Studies for 12 years, all of the time continuing my research activities. In 2000 I returned to being full time chemist and in 2004 was named Jean'ne M. Shreeve Professor of Chemistry based on an endowment made possible by my former students, coworkers, and friends. I have served as the Idaho EPSCoR/IDeA Project Director for nearly twenty years. My research which involves fluorine chemistry, ionic liquids, and energetic materials has been supported by several agencies including the National Science Foundation, the Office of Naval Research, the Air Force Office of Scientific Research, the Defense Threat Reduction Agency, the Alfred P. Sloan Foundation and the ACS Petroleum Research Fund as well as various private firms. My students and coworkers have enjoyed marked professional success around the world and, of course, bring the greatest joy to an academic. I continue to hear from most of them. In my spare time, I thrive on cooking, gardening, fishing, and reading western and Civil War history. Chemistry is a great profession but I recommend that you be very sure your first boss is among the very best and the practice of chemistry is fun!

Where have you taken your career? How did you get to where you are now? I am looking for stories from our MAL's about the paths that took them to where they are now. Whatever your story, I would like you to share your history with the other MAL's. Please send your contributions to my email address, **drjba2000@yahoo.com**, subject My Career Path, and I will include the responses in our next newsletter. If you would like to comment on any of the autobiographies/biographies you have read, please send me your comments, and I will include them in the next newsletter. Thank you ☺

Chapter News

No new updates from the other chapters.

General News

The 29th National Triennial Convention Knowledge is Flowing

*June 26-29, 2008 in Cincinnati, OH/Covington,
KY*

Every three years, Iota Sigma Pi holds a national meeting to convene all chapters and conduct national business. Each chapter is represented by an elected delegate: each chapter sends one delegate, chapters with more than 75 members send two delegates, and Members-at-Large send four delegates. National Council covers most expenses for delegates, the national council members, and others invited by the national council (e.g., award recipients). Chapters may choose to send alternate delegates as well, with their expenses covered by chapter funds. In addition, all Iotans are invited and encouraged to attend on their own for part or all of the convention.

The major purpose of the convention is to conduct business at a national level. During this time, we review what each chapter had accomplished for the past three years. Issues that are important to the functioning of the organization are identified, discussed, and a plan of action for the next three years is outlined. Changes in policy are discussed at a national level and brought to a vote. Delegates are assigned to committees to address awards, budget and finance, publications, rituals and ceremonies, chemical awareness and outreach, audit, communication and webpage, extension and publicity, long-range planning, Members-at-Large, resolutions, and speakers' bureau. These committees set the goals, suggestions, and action items that will shape the organization's focus for the next three years. Another important item of business is the election of national council members for the following triennium.

Although the agenda will be packed with business, the convention includes social events and plenty of opportunities to network with members from other chapters. Friday lunch will feature a panel discussion with the Agnes Faye Morgan and the Centennial Award for Excellence in Undergraduate Teaching award recipients. On Friday evening, a

banquet will honor the 2008 National Honorary Member and the Saturday lunch will honor the 2008 Violet Diller Award for Professional Excellence recipient. A networking brunch will close the convention on Sunday.

Radium chapter in Cincinnati, OH is hosting the convention, to be held at the Cincinnati Marriott at RiverCenter, located in Covington, Kentucky, just across the Ohio River from Cincinnati. There will be a reception and poster session sponsored by Radium chapter Thursday evening. This will be an opportunity for all to meet. The poster session will feature activities and programs of active chapters and the national council, as well as the research and professional activities of attending Iotans, during the past three years. The convention will officially start Friday morning and will end with a Sunday networking brunch. Radium Chapter's Convention Committee members have been busily working on additional activities. Further information regarding registration and accommodations will be published in the February Iotan, and updates about the convention and registration will also be placed on the Iota Sigma Pi webpage. A call for poster abstracts can be found in this issue.

Begin making plans now with your chapter or contact Joanne Bedlek-Anslow to become an MAL delegate (we only need one more MAL delegate) so you can join us in Cincinnati/Covington to meet with other Iotans to conduct national business, to reacquaint with old friends and meet new ones, and to participate in the flow of knowledge!

Kathryn Louie
National Vice President

Call for National Council Nominees for 2008- 2011

All members are cordially invited to become **nominees** for the **2008-2011 National Council**. We are seeking nominees for all National Council positions except for the Immediate Past President. Nominees for the National President must have served on National Council for a previous term. The responsibilities of the different positions are described in the Constitution and Bylaws as well as

in the Rules and Regulations (www.iotasigmapi.info).

Please consider being a nominee for a National Council position. You will derive tremendous satisfaction from serving your fellow members and helping to steer ISP in its second century. Please contact Lily Ng at 216-687-2467 or by email at L.ng@csuohio.edu.

Call for Posters for Triennial Convention

Iota Sigma Pi will be hosting a poster session to be held Thursday evening June 26, 2008 at the triennial convention in Cincinnati, OH. Chapters are invited to display posters of their chapter activities and/or chapter history, and Iotans who attend the convention are encouraged to share their accomplishments, research, and professional activities at the poster session.

Abstracts of no more than 250 words should be sent to:

Jeanne Buccigross

Professor
Department of Chemistry and Physical Sciences
College of Mount St. Joseph
5701 Delhi Rd
Cincinnati OH 45233-1670
(513) 244-4718 (work)
jeanne_buccigross@mail.msj.edu

Or to

Mary Ellen Cassinelli

Retired, NIOSH (National Institute for Occupational Safety and Health)
10503 Knollview Drive
Cincinnati, OH 45241
513-563-1456
mecassinelli@fuse.net

Abstracts should be submitted no later than May 15, 2008. Electronic submissions are encouraged.

WELLSPRING ASSISTANT PROFESSORSHIP IN CHEMISTRY-- TENURE-TRACK POSITION

The Department of Chemistry and Biochemistry at The University of Tulsa invites applications for a

tenure-track position beginning August 2008. A Ph.D. in chemistry or related field is required and postdoctoral experience is preferred. The successful candidate will be committed to quality undergraduate teaching and research, and should be able to take advantage of our excellent facilities and instrumentation to establish an independent research program in the area of nanotechnology or related fields. The eleven-member department offers undergraduate and graduate degrees in chemistry and biochemistry. Teaching responsibilities will include undergraduate and graduate courses in analytical chemistry. For more information see www.chemistry.utulsa.edu. Applicants should submit a vita, both undergraduate and graduate transcripts, a statement of research plans, teaching philosophy and three letters of recommendation to **Dr. Kenneth Roberts, Search Committee Chair, Department of Chemistry and Biochemistry, The University of Tulsa, 800 S. Tucker Dr., Tulsa, OK 74104-3189**. Applications will be reviewed beginning January 18, 2008 and continue until the position is filled. *The University of Tulsa is an EEO/AA employer. Women and minorities are encouraged to apply.*

Dow AgroSciences Summer Internship Opportunities

I would like to extend this invitation to young ladies to apply to our R&D Summer Intern Program at Dow AgroSciences (<http://www.dowagro.com/careers/students/lab.htm>). R&D internships are available in several **chemistry, biology and computer science** related disciplines, including (but not limited to) biochemistry, molecular biology, cell biology, microbiology, plant breeding, organic chemistry, analytical chemistry, physical chemistry, surface chemistry and bioinformatics. All R&D lab-based internships will be located at our global headquarters in Indianapolis, IN and field internships will be located at any one of our 15+ field/breeding stations located throughout the US. This is a paid internship (salary is based on year completed in school and any relevant experience), expecting 40 hour/week work schedules for 10-12 weeks during the summer months. Housing is significantly subsidized and provided to any student whose permanent address is greater than 45 miles from our site.

Please encourage your students to submit electronic resumes and cover letters via email to bablakeslee@dow.com or mtsullenberger@dow.com no later than February 8, 2008.

If you have any questions, please feel free to contact me at 317-337-3536 or via email. Thank you so much for your time.

Beth Blakeslee
R&D Summer Intern Program Co-Coordinator
Dow AgroSciences
Senior Chemist Analytical Biochemistry
317-337-3536
bablakeslee@dow.com

MentorNet Seeking Mentors

Learn more about becoming a mentor at www.MentorNet.net
Need a mentor, wish to be a mentor, please check out this worthy project.

Member News

We have not had much news lately. If you have news to share with the MAL's, please send me an email, and I will include it in the next newsletter.

Daily Joke

New Year's Resolutions for Pets

10. I do not need to suddenly stand straight up when I'm lying under the coffee table.

9. My head does not belong in the refrigerator.

8. I will no longer be beholden to the sound of the can opener.

7. Cats: Circulate a petition that sleeping become a juried competition in major animal shows.

6. Come to understand that cats are from Venus; dogs are from Mars.

5. Get a bite in on that freak who gives me that shot every year.

4. Grow opposable thumb; break into pantry; decide for MYSELF how much food is *too* much.

3. Cats: Use new living room sofa as scratching post.

2. January 1st: Kill the sock! Must kill the sock!
January 2nd - December 31: Re-live victory over the sock.

1. The garbage collector is NOT stealing our stuff.

http://www.jokesaboutnewyears.com/new_year_joke_five.html

Newsletter Delivery!!!!

Do you wish to receive the newsletter electronically rather than by the traditional paper route? If so, please send me an email at drjba2000@yahoo.com with **ISP electronic newsletter** in the heading. I will put together a list of people and send you the newsletter electronically (pdf format) the next printing. If you like to get the paper version, please do not worry. I will continue to print it out and send it in the mail. Please respond only if you wish to receive the newsletter electronically.

MAL Newsletter
Joanne Bedlek-Anslow
MAL National Coordinator, IΣΠ
Richland Northeast High School
7500 Brookfield Road
Columbia, SC 29223

Iota Sigma Pi
National Honor Society for
Women in Chemistry

