

Members-at-Large NEWSLETTER

I Σ Π

National Honor Society for Women in
Chemistry March 2007

VOULUNTEERS NEEDED!!!

Serve on the MAL Award Committee

Volunteer to serve on the MAL Award Committee. The nomination packets are in, and I need people to help review them and select the best worthy candidate. Just let me know if you can volunteer your time. It does not take a great deal of time to read through the dossiers and render a decision. (If you can help, please see the return address or email me at drjba2000@yahoo.com). Thanks!

MAL 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**.

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 IΣΠ 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

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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...

Harvard Study of Women's Persistence in Science - Survey - Your participation requested!

Why do relatively few women show an

interest in science (outside of biology and the social sciences), math, or engineering at the college level? Why are women turned off, and what could be done in high school to boost their numbers among science majors in college? Our research addresses these questions, and you can support it by filling out a very brief web survey.

A 3-year project, titled "Persistence Research in Science and Engineering" and headed by Dr. Philip Sadler, will collect and analyze data from approximately 4,000 college freshmen at 20 institutions, with the goal of identifying the factors that strengthen the interest in pursuing science in college, particularly for female students.

In the initial phase of the project-where we generate testable hypotheses about factors influencing young women's persistence in the sciences-we wish to look beyond the hypotheses that we find in the scholarly literature. We believe that practicing scientists, especially those who teach at the college level, have a tremendous amount of insight into this issue. Hence we turn to you, asking you to respond to our web-based survey, which will take only a few minutes of your time. <http://mo-www.cfa.harvard.edu/prise/scientistssurvey.html>

Why Aren't More Women in Science? Top Researchers Debate the Evidence
Edited by Stephen J. Ceci, PhD; Wendy M. Williams, PhD

This 248-page book is a collection of 15 essays by experts on gender differences in ability. They consider the question of why more women are not pursuing careers in science, engineering and math, considering innate differences, societal discouragements, differences in aspirations and other key factors. This book should challenge readers'

emotional and political biases through empirical science.

The Need for Another Sputnik

The World Is Flat, "[Rising Above the Gathering Storm](#)," and a slew of other books and reports make the case that for the American economy to improve or even keep its position in the decades ahead, the country will need a better educated populace, especially when it comes to math and science. No one can accuse politicians or college presidents of not giving enough speeches about the topic, but a poll released by the American Council on Education's [Solutions for Our Future](#) campaign, suggests that the message may not be getting through to the public.
<http://insidehighered.com/news/2006/12/07/poll>

Discussion Question

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. Perhaps you started on the road to industry and find yourself in academia or you were on your way to medical school and found research to be more interesting and now you are in industry or academia, or you coupled medical school/law school with graduate school. Whatever the 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. Thank you ☺

Chapter News

Chlorine Chapter serves the southeast Louisiana region which has a mixture of industries and academic institutions. We meet 3 times a year for lunch

on a Saturday - in a different city each time. Our most recent meeting was January 27 at Etoile Restaurant in Covington, LA. We were pleased to welcome 7 new members at this meeting! They are professors, grad students, and staff from two universities. (Two more new members joined at our October meeting.) We also had a talk by Debra Dolliver of Southeastern Louisiana University. She spoke about teaching at an undergraduate institution and the research she does with the undergraduates.

As a service project, we are giving awards at several science fairs - 3 regional and one state. The awards are for best project by a female student in Chemistry, Biochemistry, and Environmental Science. We are also donating the Centennial History of ISP to university libraries.

Anne Taylor, President, ISP Chlorine Chapter

Cobalt Chapter does a few activities each year, but our booth at the Indianapolis Children's Museum for National Chemistry Week is always a hit. This year's topic (November) was creating rainbows with milk, food coloring and liquid soap. It was one of our more successful experiments with both the kids and our members. Students from Butler University liked it so much they added it to their traveling chemistry demonstrations. In addition, we had 8 gallons of milk leftover that were donated.

Lisa Wenzler Savin, Vice President ISP Cobalt Chapter

General News

Iota Sigma Pi will have a social hour at the Chicago ACS National Meeting on Monday, March 26, 2007. Aurum Iodide will be the local host at Dusable, Hyatt Regency Chicago from 6:00 - 8:00 pm. This is an opportunity to meet other Iotans, network, and introduce your colleagues to Iota Sigma Pi. Please stop by, no reservations are required.

You are invited -

Women Chemists Committee Open Meeting
and Celebration of 80 Years of
Women in Science
Chicago 2007 ACS Meeting Special Event

Sponsored by:

American Chemical Society - Women
Chemists Committee
Chicago Local Section Women Chemists
Committee
Iota Sigma Pi
Chicago Local Section of Association of
Women In Science
UIC Women in Science and Engineering
Program (WISE)

Panel discussion, poster session and
reception as part of the
Celebration of the 80th anniversary of the
Women Chemists Committee.

Saturday, March 24, 2007
From 5:00pm to 6:30pm

Hyatt Regency Chicago
151 East Wacker Drive,
Chicago, Illinois, USA 60601
Columbus EF Room

Member News

Tatyana Dalrymple, 2006 MAL Reentry Award Winner writes, This year has passed so quickly. Most of my time has been spent finishing my requirements,

working on my research, and teaching General Chemistry II Lab and descriptive inorganic Lab this semester.

Most of the time, I am doing research in the lab; my research topic is the following: "The synthesis and characterization of Pd(II) complexes, potential anti-tumor drugs." So I am trying to synthesize Pd(II) complexes with different ligands. Recently I chose intercalators for the ligands, which by themselves can be anti-tumor drugs by the mechanism of inserting into the DNA strand. However, with metals, which potentially should bind covalently to DNA, these ligand complexes could display a synergistic effect. I hope that this research will shed light on whether metal complexes such as Pd(II) can be used as anti-cancer drugs or add to the body of knowledge about inorganic chemistry of Pd(II) complexes.

The award that you provided me made it easier to continue my education and even visit my family in Russia over the Christmas holidays which was the first time in two years. It just allowed my daughter and me to have an easier life in so many ways. Especially since she is a high school senior applying to colleges and exploring options for her education. We can't thank you enough for the honor and the opportunity that you (Iota Sigma Pi) provided.

Daily Joke

What do you get when you sit too long on the ice? Polaroids

How chemists solve problems--a philosophy: If it's not part of the solution, it's a precipitate.

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
c/o Joanne Bedlek-Anslow
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Iota Sigma Pi
National Honor Society for
Women in Chemistry

