

AWIS NEWSLETTER

Mission Statement: The Association for Women in Science, Inc. (AWIS) is a non-profit organization dedicated to the achievement of equity and full participation of women in all areas of science and technology

January 2002 AWIS Event

Museum at the California Center for the Arts in Escondido
By Janice Payne

The 2002 AWIS event series got off to a stellar beginning on January 13th with a docent tour of two exhibits in the museum at the California Center for the Arts in Escondido. Our docent, Shirley Heimstaedt, began our tour with the "Blast Off! Space Toys and the American Imagination" exhibit, which included displays of ray guns, space helmets and comic books that gave a glimpse of what shaped our vision of outer space from the 1930's to the 1960's. This exhibit, curated by Dr. Eugene Metcalf, Jr., Professor at Miami University in Ohio, displayed four of the "Gang of Five" skirted tin robots that were manufactured in Japan after World War II. The fifth robot cannot be located.

Other exhibit items included memorabilia from the era of space hero Buck Rogers, originally Anthony Rogers, who was created as a comic strip character in 1928 by Phillip Nowlan. In the comic strip, which first appeared in *Amazing Stories* magazine, and later in the film version starring Buster Crabbe, Buck Rogers falls asleep and awakens 500 years later in the 25th century only to find that Mongolians have overtaken the world. He then sets out to battle evil and injustice with a variety of ray guns and pistols. In 1934, during the height of Buck Rogers' popularity, 2000 people lined up outside Macys to purchase a Buck Rogers toy rocket pistol for 50 cents.



Other great space heroes, Flash Gordon, Tom Corbett and Major Matt Mason, were included in the "Blast Off" exhibit. The futuristic Spacelander bicycle designed by Benjamin Bowden in 1940, was available for up-close viewing.



The museum's second exhibit, "To the Moon and Beyond: Astronomers and Photographers Explore the Heavens," consisted of 75 photographs dating from the 1969 Apollo 10 mission to the latest Mars landing. This exhibit was a collaborative effort between David Malin and Michael Light. David Malin is a photographic scientist-astronomer, who recently retired from the Anglo-Australian Observatory near Sydney and started his own business, David Malin Images. His photos are taken in black and

white through a telescope and are then colorized with a special technique involving glass plates and colored filters. His works include colorized images of nebulae and galaxies.



Michael Light is a photographer who was given access to a selection of 1200 photos owned by NASA. Using a scanner and a direct digital printing process, he produced clear images of nebulae, galaxies and photos of the moon. Included in this collection were images taken from the Hubble Space Telescope as it circled the Earth, as well as images of the Earth taken by the astronauts during several of the Apollo missions. One favorite was an image of the surface of Mars taken in 1997 during the Mars Pathfinder mission, when the Rover Sojourner rolled out of its landing module and promptly hit a rock. The rock resembled Yogi Bear and was then nicknamed the "Yogi Rock."

Both the "Blast Off..." and "To the Moon..." exhibits were quite fascinating. To read more about these, see: www.toyraygun.com or www.projectfullmoon.com.

Upcoming AWIS Events

The next AWIS event, "Technical Writing - A Career for You?" will be held Tuesday, March 12 from 6 to 8 p.m. at BD Pharmagen. Further details about the event will be posted on the AWIS - San Diego Chapter website <http://awis.npaci.edu> (Events Committee section.) RSVP to Michelle Krakowski mkrakowski@pharmingen.com

Learn all you need to know about anthrax at our April event, presented by Dr. Michele Ginsburg of the SD County Health Dept. Location: 3851 Rosecrans at the SD County Health Dept. This is a joint event with the AWIS sister organization, GWIS (Graduate Women in Science.) Date and time to be announced soon. Watch the AWIS website.

Inside this Issue	Page
AWIS Event in January 2002	1
Upcoming AWIS Events	1
New AWIS Board Members and Committee Chairs	2
New Members	2
Past AWIS Board Member to Serve on National Board	2
AWIS Mentoring Program	2
AWIS Membership Chair to Step Down	2
Get Slimed with the Outreach Committee	3
Letter to the Editors	3
New Membership/Publicity Committee	3
National AWIS News	4
AWIS Chapter Contact Information	4

New AWIS Board Members and Committee Chairs!

By Barbara Armstrong and Tobey Tam

We should all welcome our new board members and committee chairs, as well as thank our out-going officers for a job well done! February 16, 2002, ended the local voting for new AWIS-SD board members. Our out-going board members included: Vice President Linette Edison, Director of Business Development Out-Licensing at Epicyte Pharmaceutical; Member-At-Large Kim Barrett, Vice-Chair for Research in the UCSD Medical Department and Chair of the UCSD Biomedical Sciences Graduate Program; and Member-At-Large Cathleen Davies.

Our newly elected members are Karen Arden, an associate professor at the Ludwig Institute for Cancer Research, and Anna-Maria Hays, a scientific researcher at The Scripps Research Institute.

Along with this change will be a reorganization of the Outreach Committee, formerly chaired by Anna-Maria Hays. The Outreach committee will now be split into three separate committees: Outreach, Mentoring, and Scholarship. The new chairs for these committees will be, respectively: Jodi Connolly, a scientific researcher at The Scripps Research Institute; Tobey Tam, a computational biologist at the San Diego Supercomputer Center; and Alycen Nigro, a scientific advisor at Heller Ehrman White & McAuliffe. The new committees are all looking for new members. If you are interested, please contact Anna-Maria Hays (haysam@scripps.edu). Susi Jennings, the current Membership chair, will step down from this position in June (see related article); Anjali Kansagara will take on this leadership role. Congratulations, Anjali!

Do you know who all the AWIS officers are? If you have time, please visit our website at <http://awis.npaci.edu/shtml/contact.shtml> to see who they are! Our officers try to stay visible at all AWIS events. They would love to hear from you or to help out in any way. They are here for all of you members!

The San Diego Chapter of AWIS Welcomes New Members:

By Susi Jennings

Megan L. Bolla	San Diego State
Carolyn Erickson	
Frances T. Potin	
Suzanne M. Sincavage	
John Elsom	Yoh Scientific
Natalie Schiller	The Scripps Research Institute
Shaoxizn Sun	Pfizer
Alice Whalley	Chugai Biopharmaceuticals

Past AWIS San Diego Chapter Board Member Elected to National AWIS Board

By Barbara Armstrong

Dr. Sharon Wampler, who has served as a Board member for the San Diego AWIS Chapter and Co-chair of the last two Women in Bioscience conferences, was recently elected to serve as Councilor on the AWIS National Board. We will look to Sharon to keep us informed of the activities of the National Board.

AWIS Mentoring Program's "Speed Mentoring"

By Tobey Tam

The first meeting of our new Mentoring Program took place on Tuesday, February 12, 6:00 - 8:00 p.m., at Ligand Pharmaceuticals. We conducted an activity dubbed "speed mentoring," which is similar to "speed dating." Everyone spent six minutes talking one-on-one with one other person before moving on to someone else. The goal was to set up contacts with the potential for evolving into mentoring relationships. Those who participated spoke to ten people within their area of interest, which would have been one of four categories: academia, biotech, business development, and patent law. Sixty-four people attended, the largest number of attendees any AWIS event is known to have in the past. This event was opened to all: non-members, men, students, CEOs – everyone!

A survey was emailed to everyone who participated, and all who returned the survey responded positively. One attendee commented, "I thought it was a great way to meet people and talk about work-related issues. Sometimes in a Happy Hour setting it is hard to ask questions and talk about job stuff. This event was set up for that type of interaction." Another participant wrote, "Yes, I really liked the idea [of "speed mentoring"]. I was hesitant at first, because I wasn't sure about the speed part of it. But it was perfect. I'm looking forward to the Happy Hour [in April], that should be a good follow-up." The results of survey will help organizers plan the next "speed mentoring" event, which might be scheduled for later this year or early next year, depending on demand.

The Mentoring Program's next event will be on April 18 at Ligand Pharmaceuticals. It will be a social, non-stressful Happy Hour where "speed mentoring" attendees—and anyone else — can come and socialize. For those who participated in the last event, the Happy Hour will give you a chance to see familiar faces. We might also have a speaker; details will follow, so watch for them on the website. And please spread the word; we would love to increase our "mentoring pool." We would especially like to get more mentors! Also, the Mentoring Committee is looking for new members to help plan these events. If you are interested, please contact Tobey Tam (ttam@sdsc.edu)

San Diego Chapter Membership Committee Chair Plans to Step Down

By Barbara Armstrong

Susi Jennings, who has served as Membership Chair for three years, plans to step down as Committee Chair in June. Susi was responsible for up-grading the chapter database and maintaining it with the most up-to-date information. As the chapter has increased its reliance on electronic communication, Susi has also maintained the chapter e-mail lists.

In our next phase, AWIS San Diego will set up a listserv to automate the list-updating process.

If you are interested in serving on this committee, but would like further information as to the activities of the committee, contact Susi at: sdawis@san.rr.com. No database experience is required to serve on the Membership Committee and it's a great way to network and meet new people.

(See related article on page 3: "Goals and Ideas for the New Membership/Publicity Committee.")

Get Slimed... with the Outreach Committee!**By Tobey Tam**

Jodi Connolly, the new Outreach Chair, along with Megan Bolla, Jane Chambers, Rachel Taylor and Tobey Tam, represented the AWIS Outreach group at Hope Elementary School's 2002 Science Day on February 21, 2002. Hope Elementary's Science Day is a sort of science fair that has been held every year for the past seven years. Anne Spindel, the coordinator of Science Day, noted that student attendance is highest on this day – even higher than the first day of the school year! Workshops were sponsored not only by AWIS, but also by the Carlsbad Police Crime Lab, San Diego Aerospace Museum, Reuben Fleet Space Center, Museum of Making Music, and the San Diego Wild Animal Park, to name a few organizations. First to fifth graders had the chance to dissect squid and eyeballs, make and shoot off rockets, visualize a virtual frog dissection, get exposed to crime science, and view exotic animals. With the AWIS group, they made slime.

From 8:00 a.m. to 1:00 p.m., the AWIS group had four sessions where they made learning chemistry fun for third and fourth graders. The group helped each student make slime of various colors by mixing borax, glue, water and food coloring together. The goal was to familiarize the children with polymers. "This was such a fun event," says Jodi Connolly. "At first, the kids don't seem quite sure of what we're trying to teach them. But then when we walk them through step-by-step with their own slime-making experiment, they seem to understand and love it." Rachel Taylor described the experience best: "As part of AWIS, participating in such an event is something we can do to give back to our community!"

The next activity for the Outreach Committee will be to judge exhibits at the Greater San Diego Science and Engineering Fair on Wednesday, March 20, 2002. This requires a commitment from 11:30 a.m. to 2:30 p.m. and will include a complementary lunch, provided by AWIS. In April, there will be an Outreach event hosted by BE WiSE (Better Education for Women in Science and Engineering), involving a camp-in/overnight stay on Friday, April 26th (Mission Trails Regional Park) and/or Friday, May 3rd (Museum of Man). Overnight chaperones are needed for 7th and 8th grade girls, who will be participating in a mock crime scene/forensics program. Future events include participation in the Girl Scouts' "Fostering the Family" Fun Day on Sunday, May 26, 2002. The Girl Scouts would like us to set up a booth from 9:00 to 11:00 a.m., to provide information about our organization, give advice on careers in science, and/or present science demos/experiments. This event will be patterned after the career presentation that was a huge success two years ago. To sign up for any of these events or to get more information, please contact Jodi Connolly jconnoll@scripps.edu or visit our webpage at <http://awis.npaci.edu/shtml/out.shtml>

Letter To the Editors

Excellent job on the newsletter!! It looks so professional... the newsletter committee has made amazing strides over the past year. I am sure 2002 will be stellar for AWIS! Thanks for all your hard work.

- Dr. Sharon Wampler

Goals and Ideas for the New Membership/Publicity Committee**By Tobey Tam**

Anjali Kansagara will officially take over as the new Membership/Publicity Committee Chair from Susi Jennings in June. In the meantime, Anjali plans to merge two formerly separate committees (Membership and Publicity), gather new committee members, and host an AWIS Open House event this summer.

By now a familiar face within AWIS, Anjali has been very active with the 2002 Gala committee and Outreach group. Upon moving to San Diego last January, Anjali made it a priority to seek out an all-women's science support group like AWIS. Now that she's become an active member of AWIS, she is determined to greet new AWIS members with friendship and support.

Our new chairperson has many new goals in mind for San Diego - AWIS:

- Improve the membership portion of the Chapter's website
- Recruit new members and retain established members
- Develop a new member welcome package
- Host meetings and/or more defined get-togethers for members only
- Provide networking opportunities with other AWIS groups in California (to help members who are relocating)
- Encourage more local awareness and publicity for AWIS within San Diego

Anjali hopes to work closely with the Mentoring program in order to improve the level of networking within AWIS. Anjali wants to make AWIS work for its members, by providing contacts within companies and by supporting the various issues that we face, as women in the science field.

Your opinion counts! As a new AWIS member, what concerns do you have? As a current member, what would you like to see happen in AWIS? Send your suggestions and ideas to Anjali. She welcomes new committee members to help her with her goals. If you are interested, or if you want to voice your concerns, please contact her at: Anjali_Kansagara@Aurorabio.com. Active participation on any AWIS committee is a great way to meet new people, build leadership skills, and network!

Moving? Address Change?

Please notify us of your new address so you won't miss our mailings! E-mail **Susan Jennings** at: sdawis@san.rr.com, phone the AWIS voicemail: (619) 687-5580, or mail changes to AWIS - San Diego, PO Box 178096, 92177-8096.

Subscribe to the Free AWIS E-mail List

The AWIS e-mail list will keep you up-to-date (between newsletters) with news of job opportunities, AWIS news and events. To subscribe, please send e-mail to sdawis@san.rr.com. Include your full name, address, and phone number.

National AWIS News

By Barbara Armstrong

The national chapter of AWIS held several events in conjunction with the 2002 American Association for the Advancement of Science Annual meeting in Boston, Massachusetts, February 14 through 19. A reception was held on Sunday, February 17, and a leadership workshop and a networking luncheon were held on the 18th.

The National AWIS website (<http://www.awis.org>) is packed with information, from National AWIS news and events, to legislative information from Washington DC to useful links and resources. We will excerpt a couple of items here:

The Bush Administration has named 19 scientists to serve on a Bioethics board.

Scientists serving on the Bioethics board are: Leon R. Kass, M.D., Chair, Elizabeth Blackburn, Ph.D., Stephen Carter, J.D., Rebecca Dresser, J.D., M.S., Daniel Foster, M.D., Francis Fukuyama, Ph.D., Michael Gazzaniga, Ph.D., Robert P. George, J.D., Alfonso Gomez-Lobo, Ph.D., Mary Ann Glendon, J.D., L.L.M., William B. Hurlbut, M.D., Charles Krauthammer, M.D., William F. May, Ph.D., Paul McHugh, M.D., Gilbert Meilaender, Ph.D., Janet D. Rowley, M.D., D.Sc., Michael J. Sandel, Ph.D., and James Q. Wilson, Ph.D. Additional biographical information is available through a link at the National AWIS site.

The AWIS site also has a report on a study released on January 24, 2002, prepared by the General Accounting Office, that found that the wage gap between genders has deepened between 1995 and 2000. In 1995, a full-time communications manager, for example, earned 86 cents for every dollar earned by her male counterpart. In 2000, however, she made only 73 cents to the dollar. The industries analyzed in the study include public administration, professional medical services, hospitals, education, and finance, among others. The study also reported that women in management positions have more difficulty balancing family and career than do men. While 60% of married male managers are raising children, only 40% of married female managers are. The study comes as a shock to many lawmakers. "I don't find one line of good news in the report," said Representative Carolyn Maloney (D-NY). More information is available through the Washington Post.

IMPORTANT INFORMATION ABOUT



San Diego Chapter

Voice Mail: (619) 687-5580
 Website: <http://awis.npaci.edu>
 E-mail: sdawis@san.rr.com
 Mail: AWIS, San Diego Chapter
 PO Box 178096
 San Diego, CA 92177-8096

National Chapter

Telephone: (202) 326-8940
 Web Site: <http://awis.org>
 E-mail: awis@awis.org
 Mail: AWIS National
 1200 New York Avenue, NW, Suite 650
 Washington, DC 20005

IMPORTANT CONTACTS

<u>Committee</u>	<u>Contact</u>	<u>Email address</u>
Book Club	Tobey Tam	tobey_tam@yahoo.com
Events	Marcelle Vogel	marcellevogel@usa.net
Extracurricular	Adrianna Galue	
	Adrianna_Galue@aurorabio.com	
Membership	Susan Jennings	sdawis@san.rr.com
Mentoring	Tobey Tam	tobey_tam@yahoo.com
Newsletter	Barbara Armstrong	baawis@nethere.com
Outreach	Jodi Connolly	jconnoll@scripps.edu
Publicity	Elaine Weidenhammer	eweiden@hotmail.com
Scholarship	Alycen Nigro	anigro@hewm.com

AWIS Board

	<u>Name/ E-mail address</u>
President	Dr. Elaine Weidenhammer eweiden@hotmail.com
Treasurer	Dr. Kathy Ogilvie myersogilvie@home.com
Historian	Dr. Melissa Fitzgerald mfitzgeraldca@yahoo.com Dr. Barbara Coleman bcoleman@n2.net Dr. Karen Arden karden@ucsd.edu Dr. Anna-Maria Hays haysam@scripps.edu

Advisors

Bylaws	Denise Hickey dhickey@collateralhx.com
--------	---

Posting Jobs in the AWIS newsletter: Contact Elaine Weidenhammer at eweiden@hotmail.com, or AWIS voicemail: 619-687-5580, or AWIS PO Box: 178096, San Diego, CA 92177-8096 for the details. Deadline for inclusion in the next AWIS newsletter is April 5, 2002. If submitting by snail mail, include the words ATTN: Elaine Weidenhammer on the bottom left corner of the envelope.

About the AWIS Newsletter

The AWIS Newsletter is published bimonthly and provides AWIS members and supporters with information on chapter activities, career development, and issues related to women in science. The newsletter is free to AWIS members. Subscription rate for non-members is \$20 a year.

March/April Newsletter staff:

Janice Payne Barbara Armstrong Joanne Mullen
 Tobey Tam Cathy Manner

Send news items, comments, and subscription requests to Barbara Armstrong via e-mail: baawis@nethere.com; or AWIS, PO Box 178096, San Diego, CA 92177-8096. If you would like your article included in the next issue, the deadline for inclusion is April 5, 2002.