

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.

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Bimonthly Newsletter for San Diego's Local Chapter - Association for Women in Science

AWIS
San Diego Chapter

Volume 6, Edition 2

March/April 1998

AWIS Spring Gala - Oh What a Night !

Thanks to everyone who attended and helped
organized such a triumphant event!



We raised over \$6,000 for our
AWIS Scholarship Fund!

AWIS Gala a Success!

Tina Kuus-Reichel

With the threat of rain looming in the Pacific sky, we all breathed a sigh of relief when the expert UCSD caterers were able to set up the bar and hors d'oeuvres stations near the tide pool, overlooking the ocean, at the Stephen Birch Aquarium. More than 80 AWIS members and guests mingled in the warm ambiance of the aquarium Galleria with the lively sounds of Reel to Real, a jazz ensemble, playing in the background. The wine was flowing, the quesadillas were nibbled and net-working abounded throughout the hall. Our featured speaker, Mark Abrahams, editor of the Annals of Improbable Research delighted the audience with his "infamous facts" that ranged from bacterial growths shaped like the state of Texas to the "Studmuffins of Science" calendar. The presentation was enjoyed by all the attendees, woman in science or not.

(continued on Page 4 "Gala a Success")

AWIS Board Member Recruitment for 1998-99

We are recruiting AWIS Board
Members for 1998-99.

The following is a list of the main
events Board Members will oversee:

- Bi-annual Bioconference
- Scholarship Fund

Here are just some of the benefits
you will receive as a Board Member:

- Personal growth
- Leadership development
- Networking expansion

Please contact Tina Kuus-Reichel
for more information, call at
619.621.3242 or e-mail
tkr@beckman.com.

Association for Women in Science

AWIS
San Diego Chapter

The San Diego Chapter would like to thank:

1998 Scholarship Program Corporate Contributors

Gen-Probe, Inc.
Trega Biosciences, Inc.
Applied Biotech
Canj, Inc.
Hybritech, Incorporated
Pharmingen, a Becton Dickinson Co.
CBS Scientific Co.
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Lynne Friedmann, AWIS Fellow
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Changing Places
San Diego Biotechnology Calendar
Signal Pharmaceuticals, Inc.

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AWIS San Diego Chapter: Local News

Past AWIS Monthly Events

FEBRUARY:

AWIS Whale Watching *Nikou Hessami*

The February AWIS whale watching event was a success! We were happy to see so many enthusiastic scientists taking some leisure time to enjoy their Saturday morning out on the ocean. It was a unique opportunity to meet colleagues in a low-key networking environment.

MARCH:

KPBS Pledge Drive *Emelyn Eldredge*

San Diego AWIS volunteers were part of an extraordinarily successful pledge drive at KPBS-TV in March, helping to raise over \$52,000* dollars during our four hour effort. As an added bonus to the evening activity, noted tenor Michael Crawford joined volunteers in the studio during the pledge breaks to help "prime the pumps" in raising money for Public Television.

Refreshments for the evening were generously donated by Dagwood's Eatery on College Ave. It was rewarding to see some new faces and meet those who support our local AWIS chapter.

AWIS Committee Updates

EDUCATION OUTREACH:

AWIS Mentorship Program - Career Day

Barbara Armstrong

The AWIS mentor program committee organized a Career Day held March 21 at QUALCOMM. Students from the Girl Scouts, Santana High School, La Jolla Country Day, and Hoover High School attended the event. Our event gave students information about careers in science: who does the research, how do they

and what the practical applications are. Twenty-two percent of the women students attending the career fair joined the mentor program and we have additional mentors available for students. AWIS members and other local scientists presented information on: viruses and their hosts, PCR and electrophoresis applied to forensics, sequencing, protein purification, gene expression, bioethics, building HTML WEB pages, Physics, and alternative careers (patent law and clinical research.)

The presenters were: Lee Fortunato, Anita McElroy, Sam Zeitlin, Teri Williams, Jen Taylor, Carolyn Kelley, Shelley Nelson, Susan Camper, Kellie Pusateri, Keith Maggert, Ted Friedmann, Michael Kalichman, Sandra Sankar, Sharon Cherf, Denise Hickey, and Sascha Ellers. Girl Scout troop leaders attending the career fair felt that such an event would be valuable for their scouts and plan to hold a career fair later in the year.

Commendations to Sharon Cherf for securing the facilities, QUALCOMM for providing the facilities and beverages, AWIS - San Diego Chapter for refreshments and the AWIS Outreach committee members for organizing the event: Lee Fortunato, Teri Williams, Sharon Cherf, Carolyn Kelley, Shelley Nelson, Tracey Shearin (thanks to Tracey Shearin and IDEC pharmaceuticals for donating T-shirts and travel mugs for our raffle) and Barbara Armstrong.

SCIENCE FAIR:

Science Fair Judging *Jennifer Royce*

The 44th Annual Greater San Diego Science & Engineering Fair was held on Wednesday, April 1. Hundreds of young people from Junior and Senior High Schools throughout

San Diego County presented their projects which were judged by fair committee judges as well as 90 plus Professional Societies. Thirteen judges from San Diego AWIS spent 4 hours talking with young women scientists and engineers and we are pleased to announce the winners of the 12th Annual AWIS Awards.

In the Junior High Division, AWIS recognizes the work of:

Claire Cutting

Grade 8, San Diego Language Academy
What Makes Tone?

Erin Jacobs

Grade 8, Wangenheim Middle School
Clay Soil? No Problem.

In the Senior High Division, AWIS recognizes the work of:

Joy Hardison

Grade 10, Torrey Pines High School
Developing a Method for Quantitative Analysis of Aluminum in Food.

Michelle Pura

Grade 12, Mt. Miguel High School
Creating a Strain of Daphnia More Resistant to Copper Toxins.

Awards will be presented to these 4 young scientists during the May Chapter Meeting: May 21, 1998, 6:30 p.m. at The Scripps Research Institute, 10550 North Torrey Pines Rd., Immunology Building Conference Room. AWIS San Diego would like to thank the following AWIS members & their friends & coworkers who volunteered for a few hours to present themselves as Women in Science to the participants of the fair. We could not have done it without your help. Thank you, Barbara Armstrong, Sharon Cherf, Katherine White, Michelle Olsen, Denise Hickey, Carolyn Kelley, Ann Lee, Deborah Raizen, Rewathi Koteshwaran, Peggy Thompson, Lisa Tucker, and Priya Kadam.

NEWSLETTER:

Updating our E-mail Files *Sharon Cherf*

We are in the process of updating our e-mail lists. If you have an e-mail address and would like to receive other AWIS information in between newsletters, please send your e-mail address to scherf@qualcomm.com.

Thanks for your help!

Upcoming Events

Local Events

BIOCOM Goes to the Opera

Gounod's "Romeo and Juliet", San Diego Opera, April 24; 6:30 - 12:00pm. Includes reception, performance and backstage tour. BIOCOP member discount 20%.

For more information call BIOCOP at 619.455.0300 or see our web site at www.biocom.org.

AWIS May Event

You are invited to attend our Science Fair Awards Presentation on May 21, 6:30 p.m. at The Scripps Research Institute, 10550 North Torrey Pines Rd., Immunology Building Conference Room.

For more information call Jennifer Royce at 619.554.8232.

From The Laboratory to Leadership: Developing Scientific and Corporate Leaders

April 30 - July 23, 1998 (Thursdays), 4 day session one 8 hour day for 4 consecutive months, classes 8:30 a.m. - 4:30 p.m.

For more information call BIOCOP at 619.455.0300 or see our web site at www.biocom.org.

Graduate Women in Science, San Diego Tau Chapter - Annual Science Teacher Award

Our distinguished speaker will be Dr. Helen Ranney on "Changing Methods and Changing Costs in Medicine". Dr. Ranney has enjoyed an illustrious career spanning over 40 years including Department Chair of Medicine at UCSD. She currently is a consultant at Alliance Pharmaceutical Corporation, a San Diego company engaged in the development of fluorocarbons for medical uses.

We will also be awarding our annual recognition of excellence in science teaching to a San Diego Science Teacher. Reservations are

required for this May 16 luncheon at the University of San Diego's Faculty Dining Room at 11:30 a.m. Please RSVP by May 4. Luncheon menu includes Lemon Dill Salmon Salad or Chinese Ginger Chicken Salad, dessert, and beverage. Cost is \$20 per person. More information and maps of the new campus layout are available from Kathy Grako at kathyg@ljcrf.edu or call 619.483.8839.

San Diego Science and Technology Council Speaker Series to be Broadcast on UCSD-TV

The 1998 Speaker Series was formed to facilitate communication among the wide array of San Diego knowledge-creating organizations and provide a forum on pressing issues. The council is a network of San Diego's leading science and technology organizations convened by the University of California, San Diego. Its mission is to enhance the region's innovation capability and global competitiveness.

The hour-long programs and their broadcast dates are:

"Information Technology and Export Controls" with William Reinsch, Undersecretary for Export Administration, U.S. Department of Commerce, airing May 18 at 6:30 p.m.

"The Impact of Information Technology on the Conduct of Education and Research" with William Wulf, President, National Academy of Engineering, airing June 15 at 6:30 p.m.

"Meeting the Need for Speed: Moving Megabits of Information for the Home, School and Office" with Mike Nelson, Director for Technology Policy, Federal Communications Commission, airing May 6 at 6:00 p.m. and July 20 at 6:30 p.m.

"Developing Intellectual Property Policy for the Internet" with Brian Kahn, Senior Policy Analyst for Information Infrastructure, White House Office of Science and Technology Policy, airing July 1 at 6:00 p.m. and August 17 at 6:30 p.m.

Video copies of all five programs will be made available for sale through the UCSD Bookstore.

UCSD-TV broadcasts 24 hours a day on UHF channel 35; from 4 p.m.

to midnight on Southwestern Cable channel 18 and Coronado Cable channel 16; and Monday through Friday from 4 p.m. to midnight on Cox Communications channel 76 San Diego and 58 North County.

Scripps 1st Annual "Women Healing Women" Health Symposium

On Saturday, August 25, 1998, Scripps Ornish Program, a non-profit organization, will be sponsoring a "Women Healing Women" Health Symposium from 8:00 a.m. to 5:00 p.m. at the Church of Today, 8999 Activity Rd., SD (one block north of Miramar Rd, corner of Activity and Clayton).

Leading female physicians will discuss the latest research in breast cancer, hormone replacement therapy, osteoporosis, and heart disease. The mind-body connection, nutrition and herbs, as well as the spiritual aspects of healing will be discussed.

The cost is \$65.00 per person with early sign up and \$75.00 per person at the door the day of the event. Cost includes continental breakfast and lunch.

For more information or to register by phone, please contact the Scripps Ornish Program at 619.554.9282.

All proceeds will go to benefit a scholarship fund for women with heart disease to participate in the Scripps Ornish Program.

Out-of-Town Events

4th Annual Women in Technology International (WITI) Conference

The Technology Summit '98 will be on June 24 - 26, 1998 at the Santa Clara Convention Center in Santa Clara, California.

There will be keynote speakers from Texas Instruments, Xerox, Sun Microsystems, Electronics for Imaging, Hewlett Packard, IBM, and Microsoft Corporation. There will also be Career and Product Expo.

For more information, visit their web site:
<http://www.witi.com/Center/Channels/Summit/>

...Gala a Success (continued from Page 1)

The goal of this year's Gala was to raise funds for the San Diego AWIS Scholarship fund. The Gala Committee's "soft" goal was to raise \$5,000.00 this year. As a result of the generosity of our sponsors a total of \$6,500.00 was raised.

San Diego AWIS will award \$500.00 to \$1,000.00 scholarships to deserving individuals later this year. Applications for the scholarships will be available late this summer.



Mark Abrahams, editor of the Annals of Improbable Research delighted the audience with his "infamous facts".



Tina Kuus-Reichel, AWIS Gala Organizer, Head of AWIS Scholarship Committee, and AWIS Board Member 1997-98.

We also owe a debt of gratitude to the organizing committee for the Gala who include:

Tina Kuus-Reichel
Isabel Corcos
Melody Clark
Sandi Parsons
Linda Cunningham
Chen Xu
Marcel Vogel
Sharon Wampler
Eileen Collins
Christine Cuellar
Emelyn Eldredge -Photographer

A wonderful evening was enjoyed for a wonderful cause. Thanks to everyone who touched this magical event.



In the back row, from left to right, Eileen Collins, Sharon Wampler, Isabel Corcos, Christine Cuellar, Chen Xu, Tina Kuus-Reichel, and Marcelle Vogel. In the front row, from left to right, Melody Clark, Mark Abrahams, and Sandi Parsons.

Miscellaneous Information



Online Information

The Internet is becoming an increasingly important tool for scientists. Please let us know about some of the great web pages you've found and think might be of interest to other AWISers, send e-mail to scherf@qualcomm.com.

<http://flosun.salk.edu/~forsburg/bio.html>

Submitted by Susan Forsburg

This web page was created by Susan and is entitled: "Women In Biology Internet Launch Pad". This web page contains links to useful sites around the internet. These are links to information about careers, history, organizations, and etc. relevant to women in biology and general scientists.

<http://flosun.salk.edu/~forsburg/bio.html>

The Women in Biology Internet Launch Page

This web site points to diverse sources of information on the internet relevant to being a woman scientist. It provides links for topics ranging from the history of women in science, to professional organizations, to career and policy issues, to education and advocacy. The goal is not to provide an exhaustive listing, but rather, a resource to help you get started finding the information you need. Suggestions for additional links and comments are welcomed.

<http://www.physics.ucla.edu/~cwp>

Physicists are compiling an electronic archive entitled CONTRIBUTIONS

OF 20TH CENTURY WOMEN TO PHYSICS.

There are at present over 50 citations of women who have made original and important contributions to physics this century up to 1975. These describe briefly the contributions made, give references to the published papers, and also include some biographical material. Comments and suggestions are welcome, and can be made on fill-in forms in the web site.

<http://walrus.wr.usgs.gov:80/docs/ask-a-ge.html>

Do you have a question about volcanoes, earthquakes, mountains, rocks, maps, ground water, lakes, or rivers? You can email earth science questions to:
Ask-A-Geologist@usgs.gov

<http://www.knowledgeispower.org>
This information is an excerpt from an LA Times article 3/31/98

Useful information about energy deregulation can be found at this web site. This is a public education program financed by us, the state ratepayers.

The Public Utilities commission has a WEB page which includes the latest legislative information, frequently asked questions, and a list of companies registered to sell electricity in California. <http://www.cpuc.ca.gov>.

Consumers groups have WEB pages: the Utility Consumers' Action Network: <http://www.ucan.org> and "TURN" Toward Utilities Reform Network: <http://www.turn.org>.

If you don't want energy marketers to call you, the California Public Utilities Commission is establishing a "Don't Call Me" list. To get on the list, mail your written request to the California Public Utilities Commission, Consumer Affairs Branch, 505 Van Ness Ave., Room 2003, San Francisco, CA 94102. Include your name, address and phone number.

According to the LA Times article, companies that call you more than once will have to pay you \$25.00 for each additional solicitation if your name is on the list.

<http://www.mcp.com/>

*** Electronic Books ***

You can register for your free personal bookshelf and electronically "check out" a variety of Macmillan books. You can actually read and search the full text of the books online. The service is free, and you can check out up to five books for 90 days each, after which you can re-check out the books. <http://www.mcp.com/personal/>

Job Opportunities

Scientist Position at Hybritech Incorporated
a subsidiary of Beckman Coulter
Molecular biology requires a researcher with a BS and 4+ years in molecular/cell biology and protein chemistry with emphasis on expression of proteins in various recombinant systems. Expertise in protein expression/analysis from bacterial and mammalian cells plus good tissue culture skills are required.

If anyone is interested or know someone who might be, please contact Tina Kuus-Reichel at 619.621.3242 or tkr@beckman.com.

Also, Post-docs ready for an entry level scientist position, who have the right background are highly encouraged to apply.

Announcements About Our AWIS Members



Congratulations to Lynne Friedmann

Lynne Friedmann has been named Interim Director of Public Relations for The Salk Institute for Biological Studies.

AWIS Calendar 1998

Month	Activity	Date	Coordinator
January	Intellectual Property Brown, Martin, Haller and McClain	1/21/98 7:00 p.m.	Lucie Brujin
February	• Whale Watching	2/21/98	Nikou Hessami
March	KPBS Pledge Drive	3/14/98	Emelyn Eldredge
April	• Science Fair • Annual Gala - Stephen Birch Aquarium	4/1/98 4/4/98	Jennifer Royce Tina Kuus-Reichel
May	Science Fair Awards Scripps Research Institute	5/21/98	Jennifer Royce
June	Mainly Mozart Happy Hour	June 5 TBD	Marcelle Vogel Nikou Hessami
July/August	Padres Game	TBD	Tina Kuus-Reichel
September	Financial Planning Seminar	9/23	Emelyn Eldredge
Important AWIS Information		<u>Call:</u> AWIS Voice Mail 619.687.5580	
		<u>Visit:</u> AWIS Web Site http://www.lcds.pvt.k12.ca.us/awis/	
		<u>Write:</u> AWIS, San Diego Chapter P.O. Box 178096 San Diego, CA 92177	
		<u>AWIS National</u> 1522 K Street, NW, Suite 820 Washington, DC 20005	
		<u>Federal Tax ID:</u> 27-7221574	

AWIS Committees:	Contact:
Membership/Database	Judith Finlay, sdawis@aol.com
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Education Outreach	Barbara Armstrong, barbara_armstrong@sequana.com
Brunch	TBD
Science Fair	Jennifer Royce, jroyce@scripps.edu
Main Event	Tina Kuus-Reichel, tkr@beckman.com
Newsletter	Sharon Cheff, scherf@qualcomm.com
Scholarship	Nikou Hessami, nikou@mds-usa.com
Bioconference 1999	TBD
Website	Barbara Armstrong, barbara_armstrong@sequana.com

- Become an active AWIS member!
- Get involved!
- We've got many committees to choose from that always need a hand!
- Attend an AWIS Activity!
- Attend an AWIS Board Meeting!
- Looking forward to meeting you!

AWIS Board Members:	Email Address:
Lucie Brujin	lbrijin@ucsd.edu
Emelyn Eldredge	eedredge@acad.com
Nikou Hessami	nikou@mds-usa.com
Tina Kuus-Reichel	tkr@beckman.com

Moving? Address Changed?
Please give us your new address so you won't miss our mailings! Please phone or mail changes to the AWIS voicemail or PO Box or better yet email the changes to Judith Finley (sdawis@aol.com).

About the AWIS Newsletter	
The AWIS Newsletter is published bimonthly and provides AWIS members and supporters with information on chapter activities, career developments, and issues related to women in science. The newsletter is free to AWIS members. Subscription rate for non-members is \$20 a year.	
Editor	Sharon Cheff
Co-Editors	Barbara Armstrong Lynne Friedmann Emelyn Eldredge
Send news items and suggestions to Sharon Cheff via email:	

scherf@qualcomm.com OR 6455 Lusk Blvd, A-120C, San Diego, CA 92121. If you would like your article to be included in the next issue, please send your items in by April 30, 1998. For AWIS membership information call the AWIS voice mail line at 619.687.5580.