



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.

NEWS

AWIS Scholarship Gala 2004: Interactive Science Exhibits, Dancing, and Fabulous Raffle Prizes

By Helen Chen

The Black & White Ball

How would you like to stretch your mind in a FREE UCSD Bioscience Extension course or stretch your body with FREE dance lessons? How about an indulgent day at the spa or a decadent box of Godiva chocolates?

These are just a few of the fabulous raffle prizes available at the AWIS Black and White Ball: Scholarship Gala 2004. Other raffle prizes have been donated by Sea World, Frog's Gym, Kinko's, Ceramic Café, Starbuck's, United Studios of Self Defense, Ghirardelli Chocolates, Milano's Pizza, Samurai Sam's, UCSD Revelle Lecture Series, and Tom Schiller Decorative and Functional Arts.

And that's not all! There will be appetizers, drinks, and dancing, including Latin and Swing dance workshops led by Peter Edwards of Starlight Dance and his talented UCSD dance troupe. To add to the fun, all the interactive science exhibits at the Reuben H. Fleet Science Center will be available for our experimentation during the event. The main hall of the Science Center will house ExploraZone, an exchange between the Fleet and The Exploratorium in San Francisco, which contains 30 new exhibits that demonstrate the fun side of science, math and technology. Other planned exhibits include "About Faces," "Smoke and Mirrors," and "Signals."

Don't forget that the Black and White Ball "cocktail/costume" theme is left wide-open for interpretation. Some of you may choose to wear wild black and white costumes, whereas others may sport traditional cocktail attire. Either way, you're sure to have a good time.

The Black and White Ball will be held on Saturday, May 22nd at the Reuben H. Fleet Science Center in Balboa Park from 7:30 p.m. to 11:30 p.m. We invite you to join us to celebrate with the AWIS scholarship recipients. These women are outstanding undergraduate, community college and graduate students in San Diego County pursuing careers in science. The doors open at 7:30, and the scholarship presentations will be at 8:00 p.m. For more information, visit: http://awis.npaci.edu/gala_2004/gala2.htm. To purchase tickets, visit: http://awis.npaci.edu/gala_2004/ticket.htm.

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Letter from the President April 2004

What makes a good leader? Leadership is all about influencing other people to accomplish a mission, task, or objective. Leaders have vision, are able to successfully communicate that vision to other people, and can work through teams to make the vision a reality. Leaders make people want to achieve challenging goals and objectives and help them figure out how to do so, rather than just telling them to do it.

The goal of AWIS is to achieve equity and full participation for women in science and related disciplines. One way we can accomplish this goal is by creating leaders among women in science. We currently have three AWIS members whose leadership has been recognized through their nominations for Athena's Special Educator Pinnacle Award:

Karen Arden, Ph.D. Ludwig Institute for Cancer Research, UCSD School of Medicine

Jodi Connolly, Ph.D. Fish & Richardson and Association for Women in Science (AWIS)

Sharon Wampler, Ph.D. UCSD Extension

This award is for an individual who is a strong role model inspiring young women to pursue opportunities in math or science. Congratulations to Karen, Jodi and Sharon!

The great thing about leadership is that we can all be leaders. You don't have to be "the boss" in charge of a particular activity, committee or department in order to practice leadership. Leadership is all about having an idea, communicating your idea to others, getting them excited about it, and working together as a team to make it happen. AWIS is a good place to practice your leadership skills. We are always looking for volunteers to join

committees, come up with new ideas, and get involved. Volunteering can help you build your confidence to test your new skills at work!

Strong leadership can achieve great things. Our upcoming Black and White Ball on Saturday May 22 at the Fleet Science Museum is an example. The Gala Committee has done a wonderful job of turning their vision for a spectacular event into reality, and this will be an evening not to be missed! Buy your tickets now at http://awis.npaci.edu/gala_2004/ticket.htm.

Warm regards,

Janet

A New Club for AWIS Members

By Kimberly Helzer

I would like to re-launch the Outdoor Activities Club, and I am looking to recruit other outdoor-loving members. I suggest the club start with a hike in Torrey Pines State Park followed by semi-monthly hikes, varying from walks along San Elijo Lagoon to hikes in the Cuyamaca Mountains. Shorter hikes would take place after work during longer summer days, while mountain hikes would require day trips. Contact me with feedback or suggestions at kimberlyhelzer@yahoo.com. With enough interest, we can do anything! Though seasonally dependent, other club activities may include bicycling, long boarding, snorkeling, swimming at the cove, skiing/snowboarding, or even a whale-watching trip.

AWIS-SD Selects Seven Award Recipients at the 50th Annual Greater San Diego Science and Engineering Fair

By Jodi L. Connolly

The AWIS-SD Outreach Committee led a team of 22 judges in selecting six outstanding students as AWIS Award Recipients at the 50th Annual Greater San Diego Science and Engineering Fair on March 24, 2004. Two winners were selected from the Senior Division (grades 9-12) and four winners were selected from the Junior Division (grades 7-8). In addition, AWIS-SD was asked to select a high school student presenting a biotechnology project as a regional BioGENEius Award winner. This year, award recipients in the Junior Division will receive a \$50 cash prize, and recipients in the Senior Division will receive \$100. Award winners will be honored at a reception to be held Monday, May 3 at 5:30 p.m. at the TSRI Faculty Club. All AWIS members and science fair judges are invited and encouraged to attend.

Many thanks go to the following judges, who collectively reviewed more than 400 projects: Steven Brown, Mandy Butler, April Cresse, Jeannine DiGennaro, Lance Gritton, Buran Haidar, Cheryl Hornbaker, Jacinte Jean, Marge Johnstone, Varda Levram-Ellisman, Lorraine Lica, Silvia Mah, Ann Onton, Alyssa Paolett, Diane Retallack, Natalie Schiller, Sheela Talwalker, Rachelle Thompson, Betsy Walcott, Eugene Wu and Elizabeth Zambricki.

Congratulations to the winners for designing and executing excellent projects.

JUNIOR DIVISION

Morgan Shannon Keefe
7th grade, Warren-Walker Middle School
"Is it Ripe Yet?"

Shannon Noel McClintock
8th grade, Muirlands Middle School
"Little Engine That Could: Enhancing Traction Through Friction"

Zeena Salim Khalfan
8th grade, Del Dios Middle School
"Soccer Ballistics"

Shannon Christine Mueller
8th grade, The Rhoades School
"No Snails Allowed!"

SENIOR DIVISION

Kylise Jeannette Hare
12th grade, La Jolla High
"Siamang and Orang Interactions"

Annie Simms Calabough
11th grade, Patrick Henry High
"Attenuation of Wireless Signals on Wi-Fi Networks"

BioGENEius Winner

Ashwin Mudaliar
11th grade, Torrey Pines High
"Gene Expression in OAT3 Knockout Mice using DNA Microarray MgU74Av2"

For more information about the BioGENEius competition, please visit: <http://www.biotechinstitute.org/biogene.html>. For more information on the GSDSEF, please visit: www.gsdsef.org.

Upcoming Events

Compiled by Barbara Armstrong

May 3: Reception to recognize the winners of the AWIS-SD Science Fair awards. **Time:** 5:30 – 7:00p.m. **Location:** The Scripps Research Institute Faculty Club, 10550 N. Torrey Pines Rd. RSVP to Deanna Asakawa: deannadieago@san.rr.com

May 11: Getting to the Next Level in Your Career. **Speaker:** Marla Goonan. **Location:** Quorex Pharmaceuticals, 1890 Rutherford Rd. Suite 200, in Carlsbad. **Directions:** <http://www.quorex.com/contact/>
Time: 6:00 p.m. to 7:30 p.m. For more information, go to: <http://awis.npaci.edu/shtml/events.shtml>

May 22: AWIS Scholarship Gala. **Time:** 7:30 p.m. - 11:30 p.m. For more information, go to: http://awis.npaci.edu/gala_2004/gala2.htm. To purchase tickets, visit: http://awis.npaci.edu/gala_2004/ticket.htm.

Strategy Sessions

All Strategy Sessions take place at the Salk Institute, 10010 N. Torrey Pines Rd. from 6:00 p.m. to 8:30 p.m. You must be an AWIS member to attend Strategy Sessions.

June 7: Thinking Outside the Box: Tapping into Your Creative Being.

What is creativity? What blocks your creativity? How can you facilitate creativity? At this interactive Strategy Session workshop you will learn to foster the creative process through tools that you can apply to problem-solving, career development and everyday life.

Registration for this event starts May 10, 2004 at:

http://awis.npaci.edu/shtml/member_lounge_info.shtml. Contact StrategySessions@hotmail.com for more information.

August 2: How to Get the Most Out of Working with Other People

October 4: Gender Gaps in the Workplace

December 6: Strategies on Building Self-confidence

March AWIS Event: New Frontiers in RNA Gene Regulation

By Julie Kinyoun, Rhonda Moore and Amy Pasquinelli

Two speakers described emerging discoveries in RNA research at an AWIS event held on March 9 at the Diversa Corporation.

Rhonda Moore of Open Biosystems described the basic benefits, constraints, and design constructs of various interfering-RNAs (RNAi). Although she discussed RNAi collections available for various model organisms, Moore focused on the short-hairpin RNA (shRNA) library for mammalian cells developed by Dr. Greg Hannon and colleagues from the Cold Spring Harbor Laboratory. The shRNAs are provided in a new recombinational cloning system vector called pSHAG-MAGIC, a name that provoked a round of laughter from the audience. The acronym stands for Short Hairpin Activated Gene silencing and Mating Assisted Genetically Integrated Cloning.

The shRNA library contains multiple shRNAs for a single gene. Its purpose is to knock down genes of interest to various levels in order to investigate gene function. One major advantage of the pSHAG-MAGIC delivery system is the ability to create stable "knock-down" cell lines in which RNAi enforces continuous silencing of specific genes. The shRNA library, marketed as Expression ArrestTM, is now available through Open Biosystems.

After Moore's presentation, Amy Pasquinelli of UCSD talked about applying the knowledge about micro-RNA in nematodes to the study of other organisms. She began her talk with a historical background of the subject. Nematodes are used in research because they have short developmental lives. The average egg matures to an adult in three days, and then the adult worm dies within a few weeks. The nematode genome has been sequenced and is therefore ready for further study of the regulation and expression of specific genes. A significant feature of nematode research that facilitated the discovery of micro-RNA genes was the mapping of all cell divisions required for the egg to develop into an adult worm.

The first micro-RNA genes were uncovered as regulators of this developmental program. Once the small RNAs were discovered in nematodes, researchers began wondering if these segments could be found in other organisms. Now researchers know that these micro-RNAs exist across the animal and plant kingdoms. Future study will focus on further understanding how, in all species, these micro-RNAs control gene regulation and how they in turn are regulated.

February AWIS Event

Panel discussion:

Strategies for a Successful Academic Job Search

By Janice Payne

Are you approaching the end of your postdoc and trying to navigate your way into an academic career? Our speakers at the February AWIS event told their stories and offered great insight regarding how to move into an academic position.

Our first speaker, Dr. Susan Forsburg, is an Associate Professor in the Molecular and Cell Biology Lab of the Cancer Center at the Salk Institute. Her research is focused on DNA replication and chromosome dynamics of the fission yeast, *Schizosaccharomyces pombe*. Forsburg earned her B.A. degree in English and molecular biology from U.C. Berkeley and her Ph.D. in biology from the Massachusetts Institute of Technology. Her postdoctoral research was completed at Oxford University in the United Kingdom, and she had the unique experience of job-hunting from a distance. Forsburg joined the Salk Institute in 1993, and she will soon make the transition to the Department of Biological Sciences at the University of Southern California.

Dr. Sandra Schmid, our second panelist, is currently Professor and Chair of the Department of Cell Biology at The Scripps Research Institute. Schmid earned her B.S. degree in biochemistry from the University of British Columbia and her Ph.D. in biochemistry from Stanford University. She completed her postdoctoral research at Yale University prior to joining Scripps in 1988. Her research is focused on endocytosis and clathrin-coated vesicle formation at the cell membrane.

Also participating on our panel was Dr. Elizabeth Waters, Assistant Professor in the Biology Department at San Diego State University. Waters earned her B. S. in biology from Grinnell College and her Ph.D. in evolutionary biology from Washington University. She held positions at Marquette University and Diversa before joining the faculty at San Diego State. She described the challenges of returning to academics after working in industry. Her research at SDSU involves the origin of land plants with the heat shock response as a model to study molecular adaptations.

Each speaker offered advice on how to identify and apply for a suitable academic position. Do your homework on the institution in which you are interested, and become familiar with the work of other researchers. How can you contribute to and complement the work being done at the institution? The hiring department will be interested in your productivity. Are you the first author on any publications? Do you have teaching experience?

When applying for an academic position, you should submit a one-page cover letter followed by a two or three page research summary. How do your Ph.D. research and postdoctoral research come together? What do you want to do next? Are you ready to succeed independently? How can you distinguish yourself from your postdoctoral advisor? Identify an advisor or mentor who can help you through the job search.

Good luck! Many thanks to Susan Forsburg, Sandra Schmid and Elizabeth Waters.

FEATURES

Member Profile: Siobhan Malany

By Hima Joshi

She was named by an Irish bartender. He told her mother that if her baby turned out to be a girl, she should be named Siobhan, an Irish word that means “my pretty girl.” When she was younger, she got tired of hearing people mispronounce her name, so she changed the spelling to “Shavonne.” But, now she is Siobhan Malany, research scientist by day and avid AWIS member and synchronized skater by night.

“Skating is a very expensive sport,” Malany says. Her 20-woman synchronized skating team cannot get corporate sponsors to pay for their travel expenses, coaching and choreography. Synchronized skating is not exactly a high-profile sport. A synchronized skating team creates circles and loops on ice in much the same way that the Rockettes make formations on stage.

Malany started skating when she was 10. She took a hiatus that started when she was 16 and ended just two years ago when she was laid off from her job at a local company. Just after the layoff, she took a trip to visit her parents in Springfield, Illinois. She was rummaging through their house to find something to take her mind off science, and she found relics from her old hobby. “My skates were sitting in my closet since 15 years ago,” she recalls. So, she put them on her feet and got back on the ice.

Not too long after she began skating again, Malany caught the eye of a synchronized skating coach who happened to be at the rink where she was practicing. The coach came over to her and recruited her on the spot. Since then, it has been an exhilarating ride. Malany’s team placed first at the Pacific Coast Sections competition in Salt Lake City in January and moved on to win the Bronze Medal at the Synchronized Skating National Championships at the San Diego Sports Arena in March.

Like her passion for skating, Malany’s love of science began at a young age. “I was inspired by my dad,” she says. She remembers bombarding him with lots of questions when she was a kid. Finally, he said to her, “I think you want to go into science.”

Malany has been a research scientist in the area of pharmacology at Neurocrine for less than a year. “It’s the best environment I have been in,” she says. Her colleagues have struck a healthy balance between working hard and having a good time. Her boss is “just a great mentor and a great motivator.” “It’s hard to find those people...He wants all of us to succeed,” she says.

Although her background is in enzymology and ion channels, Malany is working in the area of G-protein coupled receptor pharmacology. She would like to become more of a “scientific leader” in her field. However, eventually, she may choose to move in a different direction. “I think I see myself back in academia...I think you get a lot more out of teaching.” She doesn’t think that it will be difficult to switch gears. “The gap is closing between academia and industry,” she says.

AWIS has given Malany many opportunities for networking. “If you just go to your job, you never meet people from anywhere else...We’re all trying to figure out if we are in the right careers,” she says. She likes learning from others, but she also enjoys sharing her experiences. “I was laid off from a company. It’s difficult. You don’t know how long it’s going to last.” Now, she

meets people at AWIS events who are in the same situation that she was in, and she is able to advise them. “It’s nice to be a mentor.”

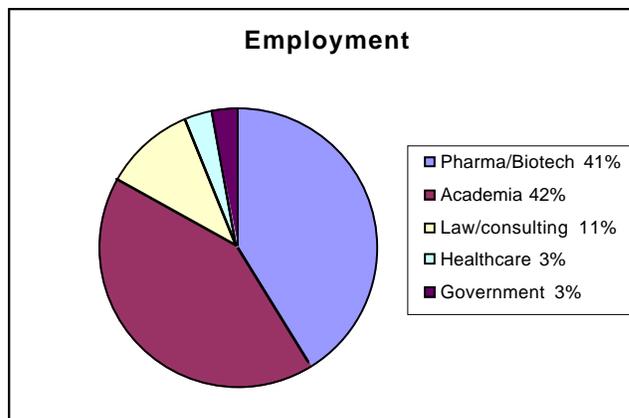
Siobhan Malany is a member of the AWIS Newsletter Committee.

Who Are We and What Do We Want?**AWIS Membership Survey**

By Siobhan Malany

Recently AWIS-SD conducted a survey to assist our board in setting future goals. One hundred twenty-six of us responded, representing one-third of our total membership. Who are we, and what did we say?

Approximately one-half of us have been in AWIS for two or more years and have served on at least one committee. We work predominantly in biology-related fields. Forty-one percent are employed in the pharmaceutical or biotech industry, 42 percent are in academia, 11 percent work in professional services (mainly law), 3 percent work in healthcare, and 3 percent hold government positions. (See pie chart - below.) Most (60 percent) have doctorates. 17 percent have Master’s degrees, and 23 percent have Bachelor’s degrees. Forty-three percent of us are 25 to 34 years of age. Thirty-three percent of us are 35 to 44, and 24 percent of us are over 45.



Why did we join AWIS? Over 50 percent emphasized networking as the number one reason to get involved. We want to be well connected and learn how to be successful in the careers we ultimately choose. Our favorite events are the Strategy Sessions, the Gala and the Women in Bioscience Conference. We want more from AWIS - more networking and more social events.

What about successful women scientists in our community who are not members of AWIS? Why are they not in AWIS? The majority of us are junior to mid-level scientists. We want to know what executive women and tenured professors are doing and thinking, and we want to know about their roads to success. Many respondents suggested holding seminars, sponsoring lunchtime discussions and covering more interviews in our Newsletter. Others urged AWIS to establish a membership directory. Some would like AWIS to establish gatherings at scientific conferences.

We are busy women. Evening events (most of which are held in the Torrey Pines area) are not always practical to attend. “Hold lunchtime and weekend events,” say some and “rotate nights,” says another in response to the Strategy Sessions being held mainly on

Monday nights. Those living and working outside the La Jolla area called for additional meeting locations.

In general, the response to the Newsletter was positive. Those who read the newsletter feel that feature articles are interesting and cover a diverse range of subjects. Suggestions included adding short excerpts covering speakers' remarks, recent discoveries, and hot tips about companies. We also want to read more member profiles, company profiles, and interviews with recruiters, top executives, and successful women in the community.

Please continue to provide your great feedback. As AWIS helps us develop as career scientists, we can help AWIS develop as a top science organization.

DEPARTMENTS

Your Two Cents: A Forum for AWIS Members

Compiled By Hima Joshi

Question from last time:

In your opinion, what is currently the greatest hindrance to scientific progress?

Responses:

It is what we know already that often prevents us from learning.
- Claude Bernard, 1813-1878 (contributed by Barbara Coleman)

Capitalism.
- Rachelle H. Thompson

I have a philosophical answer. I think we are limited only by our own lack of imagination and the goals we set ourselves. We create barriers to scientific progress in our own minds.
- Janet White

Patent protection.
- Siobhan Malany

Question for next time:

If you could elect anyone in the world to be our president, who would it be and why?

We would like to publish your responses to this question in the next Newsletter! Please reply to Hima Joshi (hjoshi@sandiego.edu).

Note: Unless you indicate that you would like to remain anonymous, your name will be included with your response.

AWIS Book and Movie Club News

By Hima Joshi

The AWIS Book and Movie Club gives AWIS members a chance to socialize and network in an informal environment. We meet once a month on Thursday evenings, and we alternate between movies and books. We are interested in fiction and non-fiction. Some of our movies and books are about science. Others are about historical events, sociology, philosophy, travel, and life in general. Our next book meeting will be on Thursday, May 20 from 6 to 8 p.m. at The Scripps Research Institute in the Beckman Building second floor conference room. We will discuss "My Voice Will Go with You: The Teaching Tales of Milton H. Erickson" (ISBN 0393301354). For more information or to RSVP, e-mail Hima Joshi (hjoshi@sandiego.edu). Enjoy the following reviews of our most recent book and movie.

AWIS Book & Movie Club Review for February: Movie Review: 'Sylvia'

By Sholeh Azar

Sylvia Plath (1932 – 1963) was a poet who published her first book of poems, *The Colossus*, in 1960. Collections of her poems were published after her suicide in 1963 in the volumes, *Ariel*, *Crossing the Water*, *Winter Trees*, and *Selected Poems*. This film starts at the time when Sylvia Plath (Gwyneth Paltrow) is studying at Cambridge and is trying to secure a positive review of her work, but the review by Ted Hughes (Daniel Craig) in the University magazine is harsh and unforgiving. To confront him, she goes to a party where they meet. And so their ill-fated love affair begins.

Paltrow's performance overemphasizes Plath's naiveté, which reduces her to someone desperately seeking acceptance; furthermore, she wants the same acclaim and recognition as Hughes. The dramatic portrayal displays moments of emotional despair and elation that mark the creative life of a poet. Craig's performance, as the talented Ted Hughes who is rather interested in women, complements Paltrow's. The beautiful cinematography adds to the drama.

Director Christine Jeffs and writer John Brownlow are not concerned with Sylvia Plath as one of the most influential poets of the 20th century. The film portrays tangential details of Plath's mythos with a certain superficiality that negates her artistic impulse and creativity. While the narrative recounts events covered in her poems, Plath's literary impact is never revealed. The film indirectly implies that Hughes was psychologically harmful for Plath, but avoids delving into the drive, determination and meaning behind its subject's work. Sylvia is no Frida!

The AWIS Book and Movie Club participants commented that they would recommend this movie only to some people; no critical acclaim was expressed. It received an overall rating of four out of five stars.

Those interested in the subject of manic depressive illness and its relation to creativity might wish to read, *Touched With Fire: Manic Depressive Illness and the Artistic Temperament* by Kay Redfield.

AWIS Book & Movie Club Review for March: Book Review: *Devil in the White City: Murder, Magic, and Madness at the Fair that Changed*

America

By Erik Larson

Reviewed by Laura Fernau

This non-fiction book chronicles several events occurring in the build up toward and during the 1893 Chicago World's Fair. The author has a fascinating way of intertwining the horrific story of a serial killer stalking his female victims with the inspiring description of some of humanity's greatest architectural, landscaping, and engineering feats. Additionally, a strong theme of the book is the spirit and determination of the Chicagoans to bring the World's Fair to their city, which had previously been viewed by the rest of America as an overgrown stockyard.

The book commences with some sociological background to help the reader understand how and why young ladies could disappear during the turn of the century, leaving no trace, and why they had

few family members and friends who were concerned regarding their fate. More and more women were leaving their “dusty” (an adjective the author employs several times when referring to the areas outside Chicago) hometowns for life in the big cities. With the rapid industrial expansion occurring, there was a great need for workers in all employment areas, including jobs traditionally held by women, such as stenographers, bank tellers, and typists. Ironically, this period of fast-paced industrial and urban growth in the United States that created a new environment of anonymity also allowed for the massive architectural and engineering accomplishment of the day. With technology moving far more quickly than government regulation, many risks were taken, some resulting in major success, and some resulting in tragedy. Examples of both of these appear in the book.

One major success was the erection of the first Ferris Wheel. The World’s Fair Committee was determined to make the 1893 Columbian Exposition even more elaborate and exciting than the 1892 World’s Fair in Paris. One of the prevailing challenges was to “out-Eiffel the Eiffel Tower” in the words of the Fair’s directors. Against all odds and opposition, Ferris came up with a wheel design involving 26 full train-sized cars that would loft hundreds of people up high above the Fair. Though it was a far cry from today’s Ferris Wheels, this was the original model.

As for tragedies, the book is full of them, from the string of murders by H.H. Holmes, to the illnesses and deaths of some of the key players in the construction and evolution of the Fair. More than once in the yearlong period, fire raged through the fair, destroying major edifices. Although this was tragic, it was all the more poignant given that the Great Chicago Fire had occurred only a few years before, and yet the builders had chosen to ignore recommendations made by the fire marshal regarding fire codes.

Overall, the book was well written, and though the topics presented here appear to be incongruous, the author does an excellent job of pulling them together and keeping the flow of the book. The reader can feel the oppressive weight of the impossible timeline required for Fair completion, the elation at the architectural triumphs, and the bleak terror that H.H. Holmes’ victims must have felt moments before their death.

About the AWIS Newsletter

The AWIS Newsletter is published six times per year 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. The subscription rate for non-members is \$20 a year.

May/June Newsletter staff:

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|------------------|-------------------|----------------------|
| Janice Payne | Hima Joshi | Shermali Gunawardena |
| Julie Kinyoun | Siobhan Malany | Susan Brown |
| Joanne Mullen | Barbara Armstrong | Sumita Anant |
| Celeste Ozaki | Tobey Tam | Alice Budai |
| Jessica Yingling | | |

Send news items and comments 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 to be included in the next issue, please submit it by June 4, 2004.

AWIS - San Diego Chapter Welcomes New Members:

By Emily Leong

Cara Beth Allen	
Robin L. Baptista	Vical, Inc.
Shannon M. Cernek	SDSU
Amy E. Cullinan	The Scripps Research Institute
Anh T. Duong	UCSD
Mitra J. Fattahipour	Bechtel National
Maryam Figueroa Tanudra	
Leona M. Flores	UCSD
Nicole M. Gellings	UCSD/SDSU
Kimberly Ann Hoyt	San Diego City College
Nathalie Kayadjanian	The Salk Institute
Christiane G. Kummer	The Scripps Research Institute
Mirna M. Lopez	SDSU
Angele S. Maki	The Scripps Research Institute
Sylvia Morales	
Winnie Pak	UCSD/Salk Institute
Carol L. Preisig	
Patrick Shami	
Paula C. Soto	UCSD
Carla M. Suto	
Christina Heidi Swan	The Scripps Research Institute
Deborah A. Vanderbilt	
Beate Winkelmann	UCSD

AWIS Member News

In this section of the Newsletter, we report on the accomplishments (new jobs, promotions, awards, publications, etc.) of AWIS-SD members. If you have any news to report, send it to Barbara Armstrong at baawis@nethere.com, and write “AWIS member news” in the subject heading.

Dr. Susan Brown has been accepted into the UC Santa Cruz Science Communication Program.

Dr. Karin Lucas has joined Cardinal Health as a Scientist II in the Biopharmaceutical Development Division. Dr. Lucas will be using mass spectrometry to look at post-translational glycosylation of proteins. This division of Cardinal Health specializes in biopharmaceutical development outsourcing. Contact Dr. Lucas for outsourcing needs.

Dr. Tracy Vivlemore has joined the US Patent and Trademark office in Alexandria, VA as a patent examiner. Dr. Vivlemore will review inventions to determine patentability.

Moving? Address Change?
 Please notify us of your new address so you won't miss our mailings! Please log onto our new membership update page <http://awis.npaci.edu/html/login.html> using your AWIS-San Diego username and password. If you have not yet received a username and password, or have misplaced them, please e-mail sdawis@san.rr.com. If necessary, you can also mail your updated information to: AWIS - San Diego, PO Box 178096, 92177-8096.

To post jobs in the AWIS newsletter, contact Natalie Schiller at nschil@cox.net, or AWIS PO Box: 178096, San Diego, CA 92177-8096 for details. Deadline for inclusion in the next AWIS newsletter is June 4, 2004. If submitting by snail mail, include the words "ATTN: Natalie Schiller" on the bottom left corner of the envelope.

IMPORTANT INFORMATION ABOUT



San Diego Chapter

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