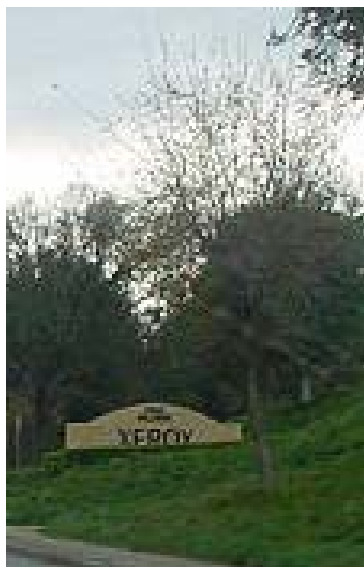




Association for Women in Science
Palo Alto Chapter
www.pa-awis.org



Monthly chapter meetings are held at the Palo Alto Research Center, known as PARC (formerly Xerox PARC).

From the President

By Mirella Bucci

Along with Back-to-School season, comes the beginning of the new season of PA-AWIS programs. We have a great set of speakers coming through and the chance to see the International Year of Physics out with a bang.

I hope that you will find the newest addition to our newsletter very useful. We've put together a list of useful benefits to joining PA-AWIS (see page 8). If you want to take full advantage of the great networking and informational services that we have to offer, please find a membership application at the registration table of most meetings. We also have one posted on our chapter web site:

www.pa-awis.org

Most of all, I hope to see you all at the regular monthly meetings and at the other informal events that are always going on (check out the calendar on page 7!)

Upcoming Meetings 2005

By Amy Reilein, Outgoing Chair of Programs Committee, after June 12th meeting

- Sept. 22: Author speaks on how to avoid being late (see flyer on page 4)
- Oct. 27: Physicist pioneering nanotechnology business, hosted by Vandana Date (see flyer on page 5)
- Nov: Linda Sonntag, Social Venture Capitalist and the first woman CEO of a publicly held biotech, hosted by Debbie Bunin
- Dec: Networking social

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Board Changes

Amy Reilein, Chair of Programs leaves for NY

So long to Amy Reilein who is off to New York. Amy served as the Programs chairperson for only a short time, but made substantial progress in mapping out and recruiting volunteers for the monthly programs through to the end of 2005! Congratulations Amy, on your new job and thanks so much for making PA-AWIS a part of your life while you were in the Bay Area. We'll miss you.

HELP WANTED

Programs Committee Chair. Hands-on manager needed to coordinate meetings (food, reminders). Committee is experienced, and programs for 2005-06 are planned. Contact Mirella Bucci for details.

Northern California Chapters Representative.

Volunteer needed to help plan events like the winter workshop and Banquet with reps from East Bay and SF chapters. Contact Mirella Bucci for more details.

Welcome Newsletter Editors

When Angelie Agarwal stepped down from the editor role last spring, two new editors stepped up to meet the challenge. Our thanks and welcome to Lakshmi Jakkula and Violet Votin. If you would like to contribute news, pictures!, a book review or an article to the next issue, please contact the editors at any time at:

lakshmi_jakkula@comcast.net
votin@stanfordalumni.org

Member News

Since the last newsletter, **VP Laurence Fayadat** got married and took her honeymoon in Africa. Past chair of the Programs committee, **Amy Reilein**, moved to the Big Apple (New York City) with her husband to start a postdoc at Cornell Medical Center. Past chair of Programs **Marina Gelman** gave birth to her first child in August, a son named Mark Samuel. Two members, **Jana Hoffman** and **Melissa Thomas**, finished their postdocs and accepted positions at biotech start-ups: Jana is at Catalyst Biosciences, and Melissa is at Avidia in Mountain View. Congratulations to all on the successful transitions!

If you have news you would like to share with your sisters in science, please email Lakshmi or Violet (page 1).

Year of Physics 2005

By newsletter correspondent

You may know that 2005 has been designated as the Year of Physics. Our October chapter meeting program is on Nanotechnology (see page 5), one of the interdisciplinary offshoots that combines physics, chemistry, biology and math in new, previously unexplored ways. Throughout the year in CA, there are many events planned to explore the physics in our lives. Go to www.physics2005.org for info on events near you, and check out two exciting topics that will be offered in Sunnyvale in mid-October (see Events Calendar on page 7).



Meeting Highlight: May

Dr. Kalanit Grill-Spector, Assistant Professor of Psychology and Neuroscience at Stanford University, spoke on her investigations in visual object recognition and other high-level visual processes at the May chapter meeting. Kalanit's Stanford High Level Vision Lab uses functional imaging (fMRI), computational techniques and behavioral methods to examine the relationship between neural processes and our perception of the world.

For humans, recognizing objects and faces is a natural skill that occurs in milliseconds.



An illusion from Kalanit's website. Do you see a couple having dinner or a cat's face?

how you personally responded to the images, making us question whether we really see what we think we see! She spoke of how humans recognize objects and images, what types of visual clues we need, what are the actual necessary parts to make us recognize something, whether distortions affect our perceptions and to what extent.

Kalanit then discussed the various imaging techniques used in her laboratory, the computation of the complex and numerous data, and the interpretation of data to cortical responses. There were many questions from the attendees that led to wonderful discussions on how males and females perceive objects, how do parts of our brain interact, and the age development of visual perception. This was a very interesting meeting and all attendees gained a new appreciation for vision! Please refer to Kalanit's website at <http://psychology.stanford.edu/~kalanit/> for more information and a picture of Kalanit's brain.

Meeting Highlight: June

The June ice cream networking social, featuring mango, lychee, and passionfruit ice creams, was hosted by Katie Templin. Katie introduced us to networking basics, reminding us that networking is about giving as well as receiving, and about listening as well as talking. She gave us tips, such as writing the date and location on the back of each card received during networking before filing it, and adding "a hook" to an introduction of yourself, something odd or interesting that will help someone remember you. She advised that we might use different introductions depending on what our goals are at the time. Katie then divided us into groups of 5 to practice applying the skills she had just taught us. It was like being at a party, only more interesting! In each group, we went around the circle, practicing our introductions. Invariably, a conversation arose from what was said during the introductions, with a group of 5 being a good number for a casual yet stimulating dialog. We regrouped a few times, and practiced again. We met many people that evening because of this organized mixing, and exchanged many cards. The session was a motivating way to view networking not as a chore but as something that can become a natural part of interacting with people.

"She gave us tips, such as ... adding "a hook" to an introduction of yourself, something odd or interesting that will help someone remember you."

San Francisco AWIS Meeting

The San Francisco chapter of AWIS is reborn. The leadership has turned over at the club for AWIS members who live or work in or near the city. On July 27, dozens of women in science, including some familiar Palo Alto chapter members, gathered in a private room at the trendy Swig Bar on Geary Street to meet most of the newly elected board members (only the member-at-large was at large). Drinks, snacks and lively conversation were enjoyed. Check out www.sfawis.com and the Events Calendar on page 7 for information on their upcoming talk on alternative careers.

Welcome to Mentoring!

By Mentoring Co-chairs for 2005-06, Susan Bernhard and Adina Paytan

The Mentoring Committee has planned 4-5 meetings for the academic year 2005-2006. All will be held on the Stanford campus, from 7pm-9pm. As in the past, the meetings include dinner and will be held in Mitchell Hall (Earth Science), in the Hartley Conference Room. This fall there will be meetings on October 17 and November 14 (see Events Calendar on page 7). Our goal is to complete the process of pairing each protégée with a mentor by the end of November. AWIS recruits and pairs ~40-50 women-in-science graduate students and postdocs with volunteer mentors each fall. This is the 15th year of the AWIS Palo Alto Mentoring Program, established in 1991.

“AWIS recruits and pairs ~40-50 women-in-science graduate students and postdocs with volunteer mentors each fall.”

Please Fill Out a Profile On-Line

We request that all mentors and protégées fill out the on-line profile form (on the website), and give us your background information as well as your specific interest in mentoring or being mentored. Go to the chapter webpage www.pa-awis.org and click on Mentoring, then select the mentor or protégée profile form from the header (in BLUE) and submit electronically – it’s easy!

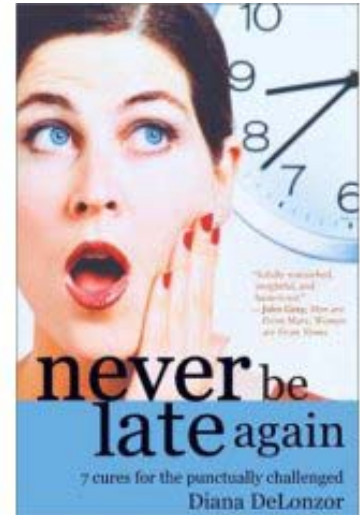
Last fall, over 100 people attended the first mentoring meeting. Thanks to everyone who participated, it was a wonderful evening. Dr. Elizabeth Pavel shared her thoughts about the importance of mentoring, and what to expect from the partnership. An account of the meeting highlights was published in the Sept-Oct 2004 edition of the chapter newsletter. See www.pa-awis.org for the full text.

Events Online

Here are some sites to check for interesting Bay Area events:

- BioSpace: <http://biospace.com/>
- WorkIt: <http://www.workit.com/events/cityevents.cfm>
- BayBio: <http://www.baybio.org/wt/page/calendar>
- eBig Women's Information Group: <http://www.ebig.org/sig/sig.aspx?SIGid=35>
- UCSF Student/Postdoc Calendar: <http://saawww.ucsf.edu/career/studentpostdoc/calendar/current.htm>
- SBA/CiscoSystems/SanJose Entrepreneur Center: http://www.acteva.com//ttghits.cfm?EVA_ID=3081
- WomensCalendar: <http://www.womenscalendar.org/Events/Events.asp>
- Craigslist events: <http://www.craigslist.org/cal/>
- Women's Interchange at SLAC: <http://www-project.slac.stanford.edu/wis/>
- Bioscience Forum (formerly Northern California Pharmaceutical Discussion Group): <http://www.biosf.org>
- The Biodevice Group: <http://www.biodevicegroup.org>
- Biotech Entrepreneur to Entrepreneur: <http://www.bioe2e.org/events.html>
- UCSF Women in Life Sciences: <http://itsa.ucsf.edu/~wils/WILS.html#calendar>
- Professional BusinessWomen of California: <http://www.pbwc.org>
- Center for Gender Equity: <http://www.ucsf.edu/cge/calendar.html>
- National AWIS: <http://www.awis.org/resource/events.html>
- East Bay AWIS: <http://www.ebawis.org/ebevents.htm>
- Palo Alto AWIS: <http://www.pa-awis.org/>
- Sacramento Valley AWIS: http://www.nccawis.org/chapters/sacvalley/SV_AWIS_Events.htm

Never Be Late Again: Cures for the Punctually Challenged



- The root causes of lateness and procrastination
- The most common mistakes late people make
- The psychological obstacles most of us face when attempting to overcome negative habits
- Unique and simple secrets to managing time more effectively

Our speaker, **Diana DeLonzor**, is author of “Never Be Late Again: 7 Cures for the Punctually Challenged” and a nationally recognized researcher and time management expert whose clients include Fortune 500 companies and government agencies such as Tyco and the State of California. In 1997, Ms. DeLonzor headed a major university study investigating chronic lateness, its causes, and the psychological characteristics of late versus timely people. She has been featured in numerous national media such as the *Chicago Tribune*, *Good Housekeeping Magazine*, *Allure*, and NBC News.

DATE: Thursday, September 22, 2005
LOCATION: **PARC Auditorium**
3333 Coyote Hill Road, Palo Alto
RSVP: online at <http://www.acteva.com/go/pa-awis>

Schedule

7:00-7:30 pm	Networking and light supper
7:30-7:45 pm	Announcements
7:45-8:45 pm	Program
8:45-9:00 pm	Discussion

***Welcome!!** You don't need to be a Member to attend – but please do RSVP.*

All scientists, students, and their friends are welcome. Men too!

We ask for a \$5 donation to cover the cost of food.

Directions from the North:

Take Hwy 280 SOUTH, exit at Page Mill Rd and at the bottom of the ramp turn LEFT and head towards Palo Alto. Turn RIGHT onto Coyote Hill Road. PARC (formerly Xerox PARC) is on the left, just past the crest of the hill. Enter main door and look for signs to the Auditorium.

Directions from the South:

Take Hwy 280 NORTH, exit at Page Mill Road, turn RIGHT at the bottom of the off ramp and head up hill towards Palo Alto. Turn RIGHT onto Coyote Hill Road. PARC is on the left (follow directions above).

ALTERNATE: Take Hwy 101, exit at Oregon Expressway heading west towards Stanford. As you cross El Camino, Oregon is renamed Page Mill Road. Follow Page Mill Road WEST, cross Foothill Expressway, and take a LEFT on Coyote Hill Road. PARC is on the left (follow directions above to Auditorium).

LOCAL (from Stanford): Take Foothill SOUTH towards Los Altos, and turn RIGHT at Page Mill Road heading WEST. Turn LEFT onto Coyote Hill Road. PARC is on the left (follow directions above to Auditorium).

Questions about AWIS or this meeting? Email Katie at ktmyhra@yahoo.com.

See also <http://www.parc.com/company/directions.html> for map and directions.

**"Nanotechnology: Building a Business
to Turn the Concept into Reality"**

Nanotechnology is becoming a household word. From being the focus of government funding and business forums to its use in sci-fi movies, nanotechnology is considered to be an important new development in our future. Yet, besides being a billionth of a meter, what is it? And where is it happening or going to happen?

Nasreen Chopra will give an overview of the current state of the field from a technical and business perspective. She received her Ph.D. in Physics from UC Berkeley where her work was the first thesis on nanotubes at Cal. After graduating, she joined Applied Materials and developed Black Diamond, the leading Low K dielectric solution for use in semiconductor devices. Nasreen then worked at the Central Research Labs of HP/Agilent doing work on X-ray imaging and detection

DATE:	October 27, 2005
LOCATION:	PARC Auditorium 3333 Coyote Hill Road, Palo Alto
RSVP:	online at http://www.acteva.com/go/pa-awis

technology for DNA strands, among other projects. Most recently she was founder and CEO of KOILA, Inc., a venture-backed nanotechnology start-up in Sunnyvale. Come join us for a fascinating conversation with a pioneer in this new field!

Meeting Schedule

7:00-7:30 pm	Networking and light supper
7:30-7:45 pm	Announcements
7:45-8:45 pm	Program
8:45-9:00 pm	Discussion

Welcome!! You do not need to be a Member to attend, but please RSVP.

All scientists, students, and their friends are welcome—men too!

We kindly request a \$5 donation at the door to cover the cost of food.

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Take Hwy 280 SOUTH, exit at Page Mill Rd and at the bottom of the ramp turn LEFT and head towards Palo Alto. Turn RIGHT onto Coyote Hill Road. PARC (formerly Xerox PARC) is on the left, just past the crest of the hill. Enter main door and look for signs to the Auditorium.

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Alternate directions: Take Hwy 101, exit at Oregon Expressway heading west towards Stanford. As you cross El Camino, Oregon is renamed Page Mill Road. Follow Page Mill Road WEST, cross Foothill Expressway, and take a LEFT on Coyote Hill Road. PARC is on the left (follow directions above to Auditorium).

Local directions (from Stanford): Take Foothill SOUTH towards Los Altos, and turn RIGHT at Page Mill Road heading WEST. Turn LEFT onto Coyote Hill Road. PARC is on the left (follow directions above to the Auditorium).

More Events

Family and Work: Achieving a Balance in Life

When:	September 8 (Thursday) 6:30 pm light supper, 7 pm meeting
What:	Ever wondered how to improve balance in your personal/work life? Be fully present for your children while striving toward your own career goals? Improve time management skills and ways of coping with stress? Everything in life is a balance, creating and maintaining that balance can be tricky. We invite you to join us as Susan Regan, licensed Marriage Family Therapist, guides us through an interactive meeting where we learn about parts of our life that may be out of balance. We will identify our areas of stress and competence. We will learn tools to gain control of time and schedules. Susan Regan is the founder and director of Bay Area Children First (BACF) , a non-profit organization dedicated to impacting the lives of children by supporting the people who raise them. In 1999, she founded The University for Working Parents , a program of BACF that facilitates parent-focused groups onsite at various companies in the Bay Area. Her special interest is helping mothers' transition back to work. Come and enjoy this talk as it is not only for parents. Learn to be the person/parent you envision while having a successful and satisfying career. Hope to see you there!
Who:	East Bay Chapter of AWIS http://www.ebawis.org/ebevents.htm
Where:	Chiron Corp. Room 4.104, Emeryville
How:	Suggested donation \$10/ \$5 members.

How to Kick Start Your Career

When:	September 15 (Thursday) 5:30 - 8:30 pm
What:	If you want help looking for a new job or making a career change, if you have ideas on how to more quickly advance within your current company, or if you need advice on how to approach your current job with a fresh perspective, come to the PWHA panel discussion. Join other professionals for an invigorating discussion with a panel of seasoned executives and career experts during this enjoyable evening of refreshments and networking.
Who:	Professional Women's Healthcare Alliance, www.pwha.org
Where:	Gilead Sciences, Inc. 300 Lakeside Drive Foster City, CA 94404
How:	Online registration will open soon. For questions, contact programs@pwha.org .

Pitch Event 2005

When:	September 17 (Saturday) 9 am - noon
What:	California-based early-stage biotech and device entrepreneurs are invited to submit a one-paragraph idea (free, no business plan required—see www.bioe2e.org). BioE2E ('Biotech Entrepreneur to Entrepreneur') will invite nine entrepreneurs to develop and present a 10-page presentation ('pitch') to a panel of venture investors. The aim of the Pitch Event is to help bioentrepreneurs refine their pitch and value proposition through feedback, and improve their chances of raising funding.
Who:	BioE2E and Women's Technology Cluster
Where:	Buck Institute for Age Research 8001 Redwood Blvd. Novato, CA www.buckinstitute.org
How:	RSVP to pitch-rsvp@bioe2e.org . \$30 admission includes box lunch.

New Drugs for Parasitic Diseases

When:	September 21 6 - 9 pm
What:	Malaria, schistosomiasis, African sleeping sickness, and Chagas' disease are major global health problems affecting hundreds of millions of people. While their impact dwarfs well understood diseases prevalent in the US and Europe, they receive little or no attention from the pharmaceutical industry because they primarily affect poor people in poor countries. Dr. McKerrow of UCSF will discuss the fascinating biology of these organisms and a unique strategy for discovering new therapies.
Who:	James H. McKerrow, Ph.D., M.D., UCSF Pathology Professor, Bioscience Forums
Where:	The Clarion Hotel 401 East Millbrae Avenue Millbrae, CA 650-692-6363
How:	\$25-\$55, www.biosf.org for pre-registration.

Events Calendar

September 8. East Bay AWIS chapter meeting at Chiron Corp. in Emeryville: "Family and Work: Achieving a Balance in Life" (see previous page).

September 8. "Essential Time-Management and Team-Building Techniques" at Scios Inc. in Fremont (6500 Paseo Padre Pkwy) 6-9pm. RSVP by Sept. 5 to Charlene Castelli, Association of Clinical Research Professionals: (800) 737-2088 X15275.

September 14-16. ASME Nanotechnology Meeting at the Bechtel Engineering Center of the University of California, Berkeley. Conference Registration and Details: <http://asmeconferences.org/nano05>

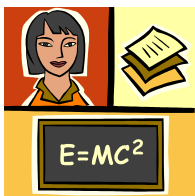
September 22 (Thursday). AWIS Palo Alto chapter meeting at PARC Auditorium, 7-9pm. Topic is 'Never Be Late Again' by Diana Delonzor (see page 4). \$5 donation at the door.

October 8 (Saturday, morning event, 9am -12 noon). Memory Walk '05 on Treasure Island, fundraiser for Alzheimer's research. See

<http://memorywalk.kintera.org/treasureisland> for more info. Join Susan B and Elan friends who will be walking. Carpool possible.

October 15. Presentation: Testing Einstein's Universe. NASA's Shannon Range will give an interactive presentation on Gravity Probe B, a sophisticated experiment designed to test Einstein's general theory of relativity. For students 6th grade and up and adults. At the Sunnyvale Library, 665 W. Olive Ave. See

www.sunnyvalelibrary.org for more details.



October 17 (Monday). Mentoring dinner meeting on Stanford Campus, 7-9pm. Panel on 'Introduction to Mentoring'. Come hear the experiences of a long-time mentor, a new postdoc mentor, and a happy protégée/mentor pair. No charge. For directions and dinner, RSVP by Oct. 14

to mentoring_awis@yahoo.com.

October 18. Einstein Big and Small with Comedian/Physicist Norm Goldblatt.

A popular lecture exploring the very large and the very small. Norm Goldblatt will acquaint you with both of these worlds, microscopic and cosmic, to bring an increasing awareness of the power of the human intellect and the success we have had in extending the range of our senses to the far regions of the universe. At the Sunnyvale Public Library, see www.sunnyvalelibrary.org for more details.

October 22 (Saturday, morning event, 8am -11am).

Making Strides Against Breast Cancer, 5-mile walk in Golden Gate Park. AWIS Palo Alto has a team. You may donate onsite or at chapter meetings. Carpool available and breakfast afterwards is possible.

<http://www.acsevents.org/faf/home/default.asp?ievent=107124>



October 26 (Wednesday). "Leaving the Ivory Tower: Alternative Careers in Science" author Cynthia Robbins-Roth, Ph.D. speaks at sfAWIS meeting at UCSF Mission Bay campus, Genentech Hall Auditorium, 6:30-8 pm. \$10 general, \$5 students / postdocs / AWIS members, includes light supper and networking. See www.sfawis.com.

October 27 (Thursday). AWIS Palo Alto chapter meeting at PARC Auditorium, 7-9pm.

Speaker/Topic is 'Nanotechnology: Building a Business to Turn the Concept into Reality' by Nasreen Chopra, Ph.D. (see page 5). \$5 donation at the door.

November 14 (Monday). Mentoring dinner meeting on Stanford campus. Program by Susan Christy on 'Dealing with Difficult People'; good communication is important in grad school and in the workplace, and between mentors and protégées too. No charge. For directions, RSVP by Nov. 11 to mentoring_awis@yahoo.com.

Benefits of AWIS Membership: Working your Network!

The benefits of AWIS membership include access to a searchable online directory of AWIS members nationwide. Also, our affiliation with AAAS means that we get discounts on AAAS membership and *Science* magazine as well as free access to *Science's Next Wave*, an invaluable career/job network.

Here are some (visual) tips for accessing the membership database (notice how you can search for various fields like employer – there are at least 1000 different employers represented throughout the US!)

Other benefits of PA-AWIS Membership include:

- AWIS magazine
- chapter newsletters
- discounts to SF-AWIS events



Association for Women in Science
 Palo Alto Chapter
 www.pa-awis.org

1537 Edinburgh St
 San Mateo, CA 94402

First Class

Dated Material

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Secretary	Iris Ferber	iferber@celliancecorp.com
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Mentoring committee chairs	Susan Bernhard Adina Paytan	sbawis@yahoo.com apaytan@pangea.stanford.edu
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