How to Start and Grow a Successful Local WCC

Dr. Marinda Li Wu
and
Dr. Elaine Yamaguchi

Women Chemists Committee
California Section, ACS
Brief History and Background

• 1927
  – WCC formed for National ACS
• Currently
  – 189 local sections for ACS with 42 local WCCs
• 1978
  – CA section first formed WCC
• 1989
  – CA Section WCC restarted and very active ever since!
History – Restarted in 1989

Overcoming Barriers to Success for Women in Science Workshop at Mills College Oakland, CA - 23 October 1997

Laurie O'Connor (Chabot College), Sandra Banks (Mills College), Kaye Logan (College of Notre Dame)
CSU Hayward - 8 October 1994

Women Chemists Committee Summer Social – Chabot Space & Science Center – 27 July 2001

Dow Wetlands Tour - April 1996 - Pittsburg, CA
Women Chemists Committee, California Section ACS

Chemicals in Your Life Workshop Lawrence Hall of Science - August 1999 - Berkeley, CA
Women Chemists Committee, California Section ACS

History – Restarted in 1989
Why Start a Local WCC?

• Benefits not only women chemists, but the entire local section and chemical profession!
• Increases opportunities for
  – Networking
  – Mentoring
  – Leadership
  – Public outreach
  – Educational programs
  – Volunteer activities
• Helps recruit volunteers for other section activities
• Improves public perception of chemistry
• Increases science literacy
Tips on How to Grow a Successful Women Chemists Committee

• Essentials
  – Core group of women chemists
  – Interest of section to have WCC
  – Money and budget to support activities
  – Mailing lists/publicity
  – Possible meeting locations
  – Be inclusive
Tips on How to Grow a Successful Women Chemists Committee

• Also Helpful
  – Co-chairs (mentor)
  – Annual brainstorming planning meeting with facilitator
  – Interesting variety of programs/activities
  – Co-sponsor programs with other groups
    • AACC, AWIS
    • Iota Sigma Pi - ΙΣΠ
  – Excellent PR/program flyers
Some Examples of Successful WCC Activities

- Events to interest young students in science (EYH, Project SEED, Kids and Chemistry)
- Tours of labs or fun places
- Panel discussions covering career perspectives
- Poster sessions featuring students/WCC programs
- Seminars/workshops on personal/professional skills development
Additional Suggestions for WCC Programs

- Pass around sign-up sheet for e-mail/address/phone number (useful for future mailing lists/potential volunteers)
- Provide name tags and time for brief intros
- Include a social period before or after
- Schedule time for announcements of job opportunities
- Give a small “thank you” gift or remembrance to speakers
The Women Chemists Committee of the California Section of the American Chemical Society

presents

The Future of Chemistry

Speaker: Madeleine Jacobs
CEG and Executive Director of the ACS

Date: Saturday, February 26, 2005
Place: Mills College
5000 MacArthur Blvd.
Oakland, CA 94613

Time: 10:00 am — Social Hour — Tender Bar
11:00 am — Seminar — Tender Room
12:00 pm — Lunch — Faculty Dining Room
Behind the East

Price: $20.00 (Students/Unemployed Half Price)

Abstract
Chemists are increasingly facing the borders of other professions. The Future of Chemistry and the American Chemical Society? new directions and grand challenges for chemistry in the 21st century

Biography
Since joining her current position January, 2004, Ms. Jacobs, a Board of Directors to help sustain ACS and prepare it to weather the storm of changing role of scientific research. Ms. Jacobs' professional interests include trends in the chemical industry, education, diversity representation, and gender issues. She chairs one of the committees in the US, and is the chair of a local association.

Prior to her current position, Ms. Jacobs worked at the University of California, Berkeley, where she served as the Chair of the American Chemical Society (ACS) and the American Chemical Society (ACS). She is a member of the Royal Society of Chemistry and the American Chemical Society (ACS), and serves on the Board of Directors for the ACS.

Those who wish to speak more timely with Ms. Jacobs and her interest in the University of California, Berkeley, may be contacted through the ACS.

Reservations can be made by contacting the ACS
(925) 287-8055, or email office@calacs.org, by April 10, 2005.

The Women Chemists Program Committees of the California Section of the American Chemical Society and the Northern California Section of the American Association for Clinical Chemistry

presents

2005 Spring Meeting

"Doping in Sports"

Speaker: James M. Betts, M.D.
Chief of Surgery at Children's Hospital, Oakland
and Former Member of the USOC Anti-Doping Committee

Date: Thursday, April 28, 2005
Place: Spenger's Fish Grotto, 1919 Fourth Street, Berkeley, California

Time: 6:00 p.m. — Social Hour
7:00 p.m. — Presentation
8:00 p.m. — Dinner

Price: $30.00 (Students/Chemists Seeking Employment Pay Half)
Entrees: Chicken: Rainbow Ranch, Asian Pork Loi, or Grilled Fish
Half Price for Students and those seeking employment

SUMMARY
The use of performance enhancing agents has reached far beyond the athletic arena. The use of drugs to enhance performance is being addressed by a number of organizations that oversee sports and athletics. This presentation will provide an overview of current trends in this field and the role of the Doping Control Program and the use of performance enhancing drugs in athletics.

BIOGRAPHY
We are very pleased to have Dr. Betts, a man who works at the forefront of science, speak on this joint engagement. Dr. Betts' involvement in the control of performance enhancing substances as well as his expertise in pediatric trauma surgery have been highlighted on the front page of the medical and scientific communities.

Dr. Betts has been a member of the American Society for Surgery of the Hand since 1989 and was the Chair of the USOC Anti-Doping Committee in 1992. In addition, he has served as a volunteer team physician for US teams and has contributed to the NCAA Drug Testing Program.

Reservations can be made by contacting the ACS
(925) 287-8055, or email office@calacs.org, by April 20, 2005.

The Women Chemists Committee of the California Section of the American Chemical Society

presents

2005 Summer Meeting

Saturday, June 11, 2005

Visit the Cable Car Museum
1201 Mason Street
San Francisco, California

Presentation on Cardiovascular Disease in U.S. Women

Meriwe Chinese Restaurant
728 Pacific Avenue (Between Stockton Street and Bush Street)
San Francisco, California
(415) 989-8818

Program Agenda / Information

10:00 a.m. — 11:30 a.m. Meet at Cable Car Museum
11:30 a.m. — 1:00 p.m. Walk to Chinese Restaurant
1:00 p.m. — 2:30 p.m. Presentation by Professor Cynthia Kenyon
Marilyn O.Rolfe Chair in Biology of Aging

Price: $15.00 per Person
Half Price for Students

Reservations can be made by contacting the ACS
(925) 287-8055, or email office@calacs.org, by June 1, 2005.

The University of California in San Francisco invites you to attend the...

2005 Fall Meeting

Wednesday — November 9, 2005

From Worms to Mammals: Genes and Cells That Control Lifespan

Guest Speaker: Professor Cynthia Kenyon
American Cancer Society Professor of Biology
University of Colorado School of Medicine

Genentech Hall at UCSF Mission Bay Campus
600 16th Street
San Francisco, California 94158-2200

AGENDA

4:00 pm — 5:00 pm Networking Meeting
5:00 pm — 6:00 pm Presentation on Aging

This meeing is FREE

ACS members may go to dinner in San Francisco on their own following the presentation.

Reservations can be made by contacting the California Section office at
(925) 287-8055, or email office@calacs.org, by November 2, 2005.
Planning Meeting 2004 – Share the Work

BRAINSTORM IDEAS

- Cynthia Kinnon-Arng
- Dr. Michelle Jay - Dept. of HS
- Emerging Infectious Diseases
- Guest: Holloway-Tour Julius
- Morgan Homes: 6666
- Financial Matters: Rudi K.
- Emotional Intelligence for Career Success
- Oakland Museum
- Dr. Beth - Children's Hospital: Specializing in Sports
- Mills College: Following Dates: Women's Leadership in Science
- Medical School: ACS
Girls Go Tech 2004 – Alliance With Girl Scouts

Elaine Yamaguchi, Sheila Yeh, and Debbie Scott at Girls Go Tech! Oakland, CA - 20 Nov 2004

Li Liang and Jessica Lehrman of UC Berkeley AXE (forpound) and California Section Chair Lee Latimer (next) explain glucose testing at Girls Go Tech! Oakland, CA – 20 November 2004

Karen Krushwitz and Alex Wong demonstrate SPF in a hat box at Girls Go Tech! – 20 November 2005 – Oakland, CA

Sheila Yeh and Elaine Yamaguchi at Girls Go Tech! – Oakland, CA - 20 Nov 2004

Alex Wong and Karen Krushwitz peer into the electromagnetic spectrum at Girls Go Tech! Oakland, CA - 20 November 2004
Social at Ardenwood 2004
June 26, 2004
Awards and Recognition
2002 WCC ChemLuminary Award
WCC Mission Statement

To Be Leaders in Attracting, Developing, and Promoting Women in the Chemical Sciences
Acknowledgements

• ACS staff support
  – Cheryl Brown, Felicia Dixon
• Chevron Corporation Staff Support
• Mary Singleton
• Attila Pavlath
• Current WCC Executive Committee
  – Elaine Yamaguchi (2006 Co-chair)
  – Debbie Scott (2006 Co-chair)
  – Marinda Li Wu
  – Bobbi Kahn
  – Trudy Lionel
  – Cynthia Leeder
  – Sue Wollowitz
## List of Programs

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<tr>
<td>• “What You Should Consider Before Accepting a Position in Education, Biotechnology, Government, or the Chemical Industry”</td>
<td>• Panel Discussion</td>
<td>January 28, 1995</td>
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<tr>
<td>• “Population Screening for Cystic Fibrosis: Are Our Laboratories Ready?”</td>
<td>• Dr. Emily Winn-Deen, Applied Biosystems</td>
<td>March, 1995</td>
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<td>• “Chemicals in Your Life”</td>
<td>• A Community Awareness Workshop</td>
<td>August 26, 1995</td>
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<td>• “Chemistry of the Oxide Superconductors”</td>
<td>• Professor Angie Stacy, U.C. Berkeley</td>
<td>October 14, 1995</td>
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<tr>
<td>• “Growth, Differentiation, Senescence and Immortality: How Does the Breast Cancer Cell Escape Normal Controls?”</td>
<td>• Martha Stampfer, Ph.D., Lawrence Berkeley Laboratory, University of California</td>
<td>February 10, 1996</td>
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<tr>
<td>• “Application of Computer Molecular Modeling”</td>
<td>• Dr. E. Ann Nalley, Department of Physical Science, Cameron University</td>
<td>March 13, 1996</td>
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<td>• “Environmental Projects at Dow Chemical”</td>
<td>• Mary Jo Ladd, Research Director, Dow Chemical Company</td>
<td>April 20, 1996</td>
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<td>• “Women in Biotechnology: One Woman's Perspective”</td>
<td>• Cynthia Ladd, Vice President, Corporate Law, Genentech</td>
<td>September 28, 1996</td>
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<tr>
<td>• “Chemistry Jazz: Turning Students Onto Chemistry”</td>
<td>• Carol DeBoer and Tanya Phillips, Amador High School and Albany High School</td>
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<td>• “Engineering Novel Cell Surface Chemistry Using the Pathways of Oligosaccharide Biosynthesis”</td>
<td>• Professor Carolyn Bertozzi, UC Berkeley</td>
<td>February 1, 1997</td>
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<td>• “Overcoming Barriers to Success for Women in Science” (Target Group: Graduate Women in Science)</td>
<td>• Dr. Ellen Weaver, Past President, AWIS</td>
<td>October 25, 1997</td>
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<tr>
<td>• Participants:</td>
<td>• Panel and Workshop:</td>
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<tr>
<td>• Angelica Stacy, U. C. Department of Chemistry</td>
<td>- Polly Moore, Vice President Genentech</td>
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<td>• Anne Weills, Attorney</td>
<td>• Participants:</td>
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<td>• Diana Wara, Assoc. Dean of Women, UCSF</td>
<td>- Marcy Wong A.I.A., Marcy Wong Architects</td>
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<tr>
<td>• Leadership, Gender, and Collaboration in Science: Dorothy M. C. Hodgkin and the Oxford School of Biomolecular Crystallography</td>
<td>• Dr. Pnina G. Abir-Am, NSF Visiting Associate Professor, University of California at Berkeley</td>
<td>February 7, 1998</td>
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| •Making Your Next Career Move  
  - "Designing Your Ideal Work"  
  - "How to Network and Market Yourself Successfully" | • Julie Arvan from the Career Action Center in Cupertino  
  • Dorothy Rodmann from Career Services of the American Chemical Society | April 18, 1998 |
| •"Women Scientists in Leadership Roles" | • Keynote Speaker:  
  – Dr. Arati Prabhakar, Former Chief Technology Officer of Raychem Corp.  
  • Panel:  
  – Katrina Cornish, U.S. Department of Agriculture, Albany, California  
  – Cheryl Mitchell, California Natural Products, Lathrop, California  
  – Lura Powell, U.S. Department of Commerce, Gaithersburg, Maryland  
  – Karen Singmaster, San Jose State University, San Jose, California  
  – May Soong, Libby Laboratories, Berkeley, California  
  – Susan Spencer, University of California, Berkeley, California | October 28, 1998 |
| •"Women Scientists in the Manhattan Project" | • Mary Singleton, Chemist Retired from, Lawrence Livermore National Laboratory | January 23, 1999 |
| •"Ergonomics and Chemistry" | • Mr. Chris Arteberry, CPE | May 1, 1999 |
| •"Poll for 1999 Summer Social" | • Organize a Trip to the Technical Museum of Innovation | July 17, 1999 |
| •"1999 Summer Social" | • The Technical Museum of Innovation | July 17, 1999 |
| •"Quilting Together a Chemical Life: A Celebration of Women in Science" | • Professor Geraldine Richmond, Department of Chemistry, University of Oregon – Eugene | October 16, 1999 |
| •"Women Inventors: Three Who Made a Difference" (Including Diane Pennica of Genentech) | • Autumn Stanley, Author of "Mothers & Daughters of Invention", Published by Rutgers University Press | January 29, 2000 |
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<tr>
<td>•“Negotiating for Your Life: New Success Strategies for Women”</td>
<td>•Nicole Schapiro, Motivational Trainer</td>
<td>March 27, 2000</td>
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<td>•Summer Social at the California Academy of Sciences</td>
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<td>August 26, 2000</td>
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<td>– “Women in Biotechnology”</td>
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<td>– “Building Business and Careers @ Digital Speed”</td>
<td>•Judy Giordan, ACS Director, Co-Founder and Head Coach of 1EXECStreet</td>
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<td>– “Alternative Careers in Science, Leaving the Ivory Tower”</td>
<td>•Cynthia Robbins-Roth, Principal of BioVenture Consultants</td>
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<td>– “The Graduate School Application Process” Featuring Graduate Students From the College of Chemistry, UC Berkeley</td>
<td>•Presentation and Panel Discussion</td>
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<td>•“Talking About Biotechnology”</td>
<td>•Therese St. Peter, Syngenta and Martina McGloughlin, UC Davis</td>
<td>January 27, 2001</td>
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<td>•“Story of Agnes Fay Morgan, Chair of the Berkeley Home Economics Department”</td>
<td>•Maresi Nerad • Director, Graduate Research, Graduate Division University of California, Berkeley</td>
<td>May 19, 2001</td>
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<td>•Summer Family Event: Chabot Space &amp; Science Center Tour</td>
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<td>July 28, 2001</td>
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<td>•Discussion about both her research and her interest in career paths for women in science.</td>
<td>•Dr. Judith Klinman, Chair of the Department of Chemistry, UC Berkeley</td>
<td>October 6, 2001</td>
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<td>•“Chemistry and Forensic Science”</td>
<td>•Mary M. Gibbons, Director of the Criminalistics Laboratory for the Oakland Police Department</td>
<td>January 26, 2002</td>
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<td>•“Telomeres”</td>
<td>•Professor Elizabeth Blackburn, Department of Biochemistry and Biophysics at UCSF</td>
<td>March 20, 2002</td>
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<td>•“Negotiating Success: Berkeley Women in Biomedicine, 1915-1950”</td>
<td>•Professor Diana Long, Historian of Women in Science, University of Southern Maine</td>
<td>June 12-16, 2002</td>
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<td>•Fall Conference:</td>
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<td>•Mass Spectrometry in The National Interest</td>
<td>•Lori Zeller, Ph.D., staff scientist at Lawrence Livermore National Lab since 1999, formerly an analytical chemist for DuPont</td>
<td>February 8, 2003</td>
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<td>•Summer Social: A Tour of the Ruth Bancroft Gardens</td>
<td>•Talk on Wildflowers by Dr. Yulan Tong</td>
<td>June 28, 2003</td>
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| •Moving From Where You Are to Where You Want to Be: New Jobs in the Chemistry Field | •Panel Discussion:  
  – Patsy Lin, Bayer, bioinformatics  
  – Jim Henderson, UCSF, technology management  
  – Cheryl Fragiadakis, LBNL, technology transfer  
  – Rebecca Zuckerman, Plexxicon, nanotech, biotech  
  – Chris Salentine, Biotech  
  – Trudy Lionel, Genentech, Biotech                                                                 | October 11, 2003   |
| •Assessing Contamination Vulnerability in Public Water Supply Wells in California | •Jean E. Moran, Ph.D., Lawrence Livermore National Laboratory                                                                            | January 24, 2004   |
| •"The Dark Side of Complementary and Alternative Medicine: Analytical, Toxicological, and Regulatory Issues in Laboratory Medicine" (Developed in Cooperation With the AACC TDM/T Division) | •Catherine Hammett-Stabler, PhD, DABCC, FACB, Pathology and Laboratory Medicine UNC — Chapel Hill                          | March 9, 2004      |
| •Visit Ardenwood Historic Farm                                         | •Lunch Talk By David Cooke, The Naturalist Farmer  
•Mr. Heese, the House Director Will Give a Guided Tour of The Patterson House | June 26, 2004      |
| •Career Workshop Day                                                   | •Workshop on Negotiating Techniques  
  (Including Case Studies on Negotiating a Job Offer)  
•Workshop on Building Effective Skills for Successful Interviews      | October 16, 2004   |
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<td>• James M. Betts, M.D., Chief of Surgery at Children’s Hospital,</td>
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<td>Oakland and Former Member of the USOC Anti-doping Committee</td>
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<td>• “Cardiovascular Health and Disease in U.S. Women”</td>
<td>• Marilyn O. Robbie Jossens, Dr.PH, RN, NP</td>
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<td>• “From Worms to Mammals: Genes and Cells That Control</td>
<td>• Professor Cynthia Kenyon, American Cancer Society Professor</td>
<td>November 9, 2005</td>
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<td>Lifespan”</td>
<td>Director, UCSF Hillblom Center for the Biology of Aging</td>
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<td>• “Being a Scientist to Being an Entrepreneur – Business</td>
<td>• Dr. Sadiq Shah, Director, Western Illinois Entrepreneurship</td>
<td>November 12, 2005</td>
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<td>Start-up Considerations”</td>
<td>Center Western Illinois University</td>
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