

PUGET SOUND CHEMIST

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DISPLAY

PUGET SOUND CHEMIST



BULLETIN OF THE PUGET SOUND SECTION AMERICAN CHEMICAL SOCIETY

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Puget Sound Section, ACS, Executive Committee Future Meetings in 1997

Meetings are open to all members and are held on the second Wednesday of each month except there will be no meetings in July and August.

February 12, March 12, April 9,
September 10, October 8, November 12, & December 10

Place: North Seattle Community College
Meeting: 6:30 PM in 2430C

Room 2430C is on the second floor above the book store.

FEBRUARY "WINTER SOCIAL"

- DATE:** Thursday, February 6, 1997
- LOCATION:** Mountain Room, Rainier Brewing Company
- SCHEDULE:**
6:00 p.m. - Social gathering and tours
6:45 p.m. - Buffet Dinner
7:30 p.m. - Program
- Please join us for the program even if you are unable to join us for the dinner.
- DIRECTIONS:** From North: Exit I-5 Southbound at Airport Way South (Exit 164) to Airport Way, and go south 1 mile to Brewery on the left. From South: Exit I-5 Northbound at Spokane Street (Exit 163); continue on right lane to 6th Avenue South; turn right onto 6th Avenue South and go to Hanford Street; turn right and proceed to Airport Way; turn left on Airport Way and continue to Brewery on the right.
Parking available at the Brewery. Follow the signs to the Mountain Room.
- COST:** \$8 per person
- NOTE:** When you make reservation for dinner, you have an obligation to pay. Once the food is ordered, the section is billed even if you do not show up.
- RESERVATIONS:** All reservations must be made by **NOON, Friday, January 31, 1997**. Please call: Seattle: 543-1610; Bellingham: 650-3070; Tacoma: 535-7530
- Please mark your calendar now and make your reservations early. Thank You.

On the Cover: A typical HPLC instrument found in most analytical laboratories -- WATERS 600E controller, WATERS 717 Autosampler, WATERS 486 UV Detector, and WATERS 470 Scanning Fluorescence Detector.

ACS HONORS ITS 1997 50-YEAR MEMBERS

Eleven members of our local section will become 50-year members of ACS in 1997 and they will be honored by our local section and the National society. Each 50-year member receives a certificate, a special pin, and a permanent badge good for free registration at all national and regional meetings. Our local section will be honoring these members as our guests on Thursday, February 6, 1997 during our social meeting to be held at the Rainier Brewery in Seattle. They are:

Mr. Henry Becker
Mr. Robert Winslow Chaffin
Dr. John Robert Dann
Mr. Dexter Edge, Jr.
Dr. Melba A. Grafus
Mr. Harold H. Haaland

Mr. Earl T. McCarthy
Dr. David Hadley Read
Mr. Theodore F. Schmidt
Mr. Raymond M. Way
Mr. Robert Morris Williams

1997 DUES BILL REMINDER

If you have not received your 1997 dues bill, please contact the ACS Department of Member and Subscriber Services at 800-333-9511. If you have questions concerning your membership benefits and programs, please call Jean Parr, Manager, Office of Membership Development at 202-872-4414.

Additional Reminder: In accordance with an ACS policy on a grace period for unrenewed ACS journals and C&EN, ACS cannot continue to send C&EN and journals after February 28 to those members whose 1997 dues and subscription payments are not received by February 1. If you have questions about your dues bill or wish to charge your payment by phone, call 800-333-9511 or 614-447-3600. Be sure to have your credit card handy for ready reference.

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DEADLINE FOR MATERIALS FOR PUBLICATION IN THE PUGET SOUND CHEMIST IN 1997 (VOLUME 58)

<i>Date</i>	<i>Meeting</i>	<i>Volume and Number</i>
January 15	March	58, 1
March 15	April	58, 2
April 29	June	58, 3
July 15	Summer	58, 4
August 15	September	58, 5
September 15	October	58, 6
October 1	Pauling Award	58, 7
November 30 1998	Winter Social	58, 8

FRANCIS P. GARVIN-JOHN M. OLIN MEDAL

Karen W. Morse, president of Western Washington University has received the 1997 Francis P. Garvan-John M. Olin Medal (Sponsored by Olin Corporation) in recognition of her work in the area of borane chemistry. By examining the chemistry of Phosphorous-borane compounds, Morse determined the relationship between structure and reactivity. She obtained basic information on the effect that molecular structure can have on modes of bonding by examining the chemistry of metal complexes of borane ligands. With B. F. Spielvogel, she has generated several borane analogues of amino acids and derivatives that show very interesting biological activity.

Morse received a B.S., degree in chemistry from Denison University in 1962 and a Ph.D. from the University of Michigan in 1967. Throughout her career, Morse has actively promoted Science education. She has been a member and chair of the American Chemical Society's Committee on Professional Training, a member of the board of the Petroleum Research fund, and a member of the Womens Chemists Committee of the American Chemical Society; she has also served on several National Science Foundation advisory committees. Morse will receive her award at the 213th ACS National Meeting in San Francisco.

ACS AWARD FOR ENCOURAGING WOMEN INTO CAREERS IN THE CHEMICAL SCIENCES

Sister Mary Thompson has received the 1997 ACS Award for Encouraging Women to Careers in the Chemical Sciences, sponsored by the Camille and Henry Dreyfus Foundation, Inc. For more than 32 years, Thompson has been a professor at the College of St. Catherine in Minnesota. Her influence on the education of her students is reflected in the advanced degrees they have received: 25 students have completed Ph.D.s, 30 are MDs or Ds, and 20 are still in graduate school.

Thompson has been actively involved in many programs to encourage women to participate in the chemical sciences. She is a project director of local grants for January programs, which encourage first-year students to continue their education in science and math. She participates in the Women in Chemistry Consortium which develops new experiments to attract women to the sciences, and she has obtained Vision grants from 3M for high school teachers to find ways to adapt these experiments for their schools.

Thompson received her B.S. degree in chemistry and math at the College of St. Catherine in 1953 and her Ph.D. in physical inorganic chemistry from the University of California-Berkeley in 1964.

Thompson is actively involved in ACS at national and local levels. She was a member of WCC from 1985 to 1994, serving as chair from 1992 to 1994, and is currently a member of the ACS Committee on Committees.

WCC TRAVEL AWARDS

Once again Eli Lilly & Company, Hoechst Celanese Corporation, and the Industrial & Engineering Chemistry division of the ACS are sponsoring a program to provide funding for undergraduate, graduate, and postdoctoral women chemists to travel to scientific meetings in 1997 to present the results of their research. Grants may be applied only to registration, travel, and accommodations and are restricted to meetings within the United States. Grant funds are limited, but some funds are designated for undergraduates. Only U.S. citizens and permanent residents are eligible. Preference is given to those who have never made a presentation at a national or major meeting. Applications should be limited to one per research group. Women who have received this award previously are not eligible. The deadlines for receipt of applications for 1997-1998 meetings are: March 15, 1997 (for meetings between July 1 and December 31, 1997) and October 15, 1997 (for meetings between January 1 and June 30, 1998).

More information is available at <http://www.tamug.tamu.edu/acswcc/travel.html>. To request an application or to apply, please contact Cheryl H. Brown, American Chemical Society, 1155 Sixteenth St. N.W., Washington, DC 20036 (202-872-8729 or 800-227-5558 ext. 8729; e-mail: c_brown@acs.org)

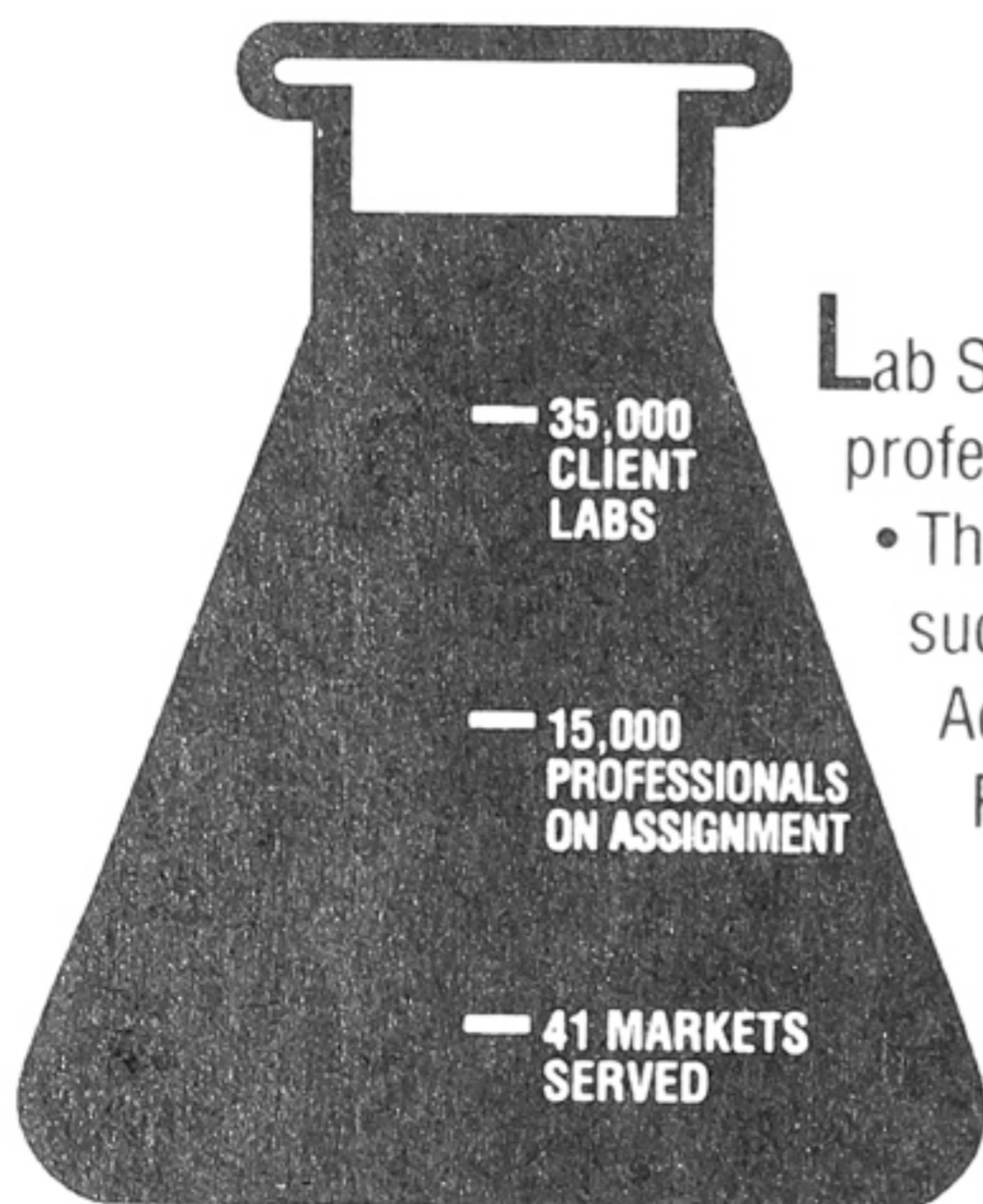
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The Women Chemists Committee
is now available on the Internet via

<http://www.tamug.tamu.edu/acswcc>.



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PRIESTLEY MEDAL TO MARY GOOD

Mary Good, who was highlighted in the May 1996 newsletter as the recipient of the Earl B. Barnes Award for Leadership in Chemical Research Management, was recently named the recipient of the 1997 Priestley Medal. Given in recognition of distinguished service to chemistry, the Priestley Medal is ACS's most prestigious and oldest award.

Although it has been awarded 61 times, Good is the first woman to receive this prize. She has made numerous contributions to chemistry. After receiving her Ph.D., she embarked upon a distinguished career in academic research, which culminated in the Louisiana State University system in 1980. There, she directed a group of graduate students, postdoctoral students, and research assistants in studies on molecular spectroscopy of catalytic materials and antifouling marine coatings. During her years in academe, Good published 15 invited review articles and 92 research papers.

In 1980 Good began an impressive career as industrial manager, first as a vice president for research at UOP, Inc., and finally as senior vice-president of technology for Allied Signal in 1988. Throughout this time, she pursued state-of-the-art science and its application to commercially important problems. One of the most notable achievements of her research group was the early use of molecular modeling and computer process simulation to design and optimize targeted molecular systems and chemical process conditions.

Good has influenced science nationally and locally. She was a councilor of the Louisiana section of ACS from 1967 to 1971, was elected chair of the ACS board of directors in 1978 and 1980, and was elected president of the society in 1987. She served on the National Science Board under Presidents Carter, Reagan, and Bush. She is now working for President Clinton as the Commerce Departments undersecretary for technology. Good's distinguished scientific career has been recognized and honored by at least 26 scientific and professional awards, including the ACS Garvan-Olin Medal and the Charles Lathrop Parsons Award, as well as more than 20 honorary degrees.

WE ARE SPONSORING AN EMPLOYMENT ISSUES WORKSHOP AT THE AAAS MEETING

Our local section of the ACS is sponsoring a workshop dealing with employment issues at the AMSIE '97 meeting being held at the Washington State Convention Center in February. We are bringing in experts in various areas to discuss topics including how to find a job, the information systems of the future for finding the perfect job and state and national government involvement in promoting job opportunities for scientists. The workshop will take place Monday February 17th from 9:30 AM to 6:00 PM. Registration costs to ACS members is \$10.00. Register via the AAAS web site at <http://www.aaas.org/meetings/meetings.htm>

9:30 AM to 12:30 PM: **Conducting an Effective Job Search**

Covers the major components of job hunting: skills identification, career values, resume preparation, targeting companies, and interviewing. To be presented by a Career Services specialist from National ACS.

3:00 PM to 6:00 PM: **Job Opportunities Resources**

Find out the latest information about the current state of the science and technology job market and discover what the government is doing about it. Speakers will be present from Department of Labor, Washington State, University of Washington, and the American Chemical Society.

LOCAL SECTION CAREER PROGRAMMING

As was published in the November issue of the Puget Sound Chemist, we now have career programming at the local level. The purpose of the Local Section Career Program is 1) to provide resources for employment and information on employers to members and 2) to serve as a resource to employers looking more regionally for candidates. I hope to make this program useful to all chemists from students to those out of work to those well established in their careers seeking career development opportunities. I have now received all the current literature from ACS Career Services office regarding employment issues and have included a listing of the resources that I have available here as well as on our web page (<http://nscx.sccd.ctc.edu/~acs>). Also available for check-out are four video tapes: Career Transitions: Catalyst for Change; Formula for Success: Turning Job Leads into Gold; Developing the Right Picture: Resume Preparation; and The Essence of a Winning Interview. I also serve as your resource on programs already established through National ACS, such as the Career Consultant Program, and have a directory of the extensions of most career oriented personnel at National ACS. I will have all of these resources available at each of our section meetings or you can contact me, Marlys Nessel, at (206) 537-4269 or via e-mail at jvhv76a@prodigy.com.

I am also interested in hearing from any of you who would like to help with local section career programming by either serving on the Employment Committee or simply by offering to help on clearly defined programs in a limited fashion. I realize that very few of us have much time to spare. Therefore, if you see a program that you would like to be a part of but only have one hour to give, please offer it and it will be accepted gladly. At a minimum, I hope that you will participate by mailing or e-mailing your programming preferences and suggestions found at the end of this section.

After attending the ACS workshop on Local Section Career Programming, I have many ideas to implement for our local section. There are far too many avenues to pursue at once and so I am asking of you to give me input as to which programs to institute. I have listed the different programs below that I have identified as being useful to our constituency. Please select the top 3 programs, in order of preference, that you would like to see started in the Puget Sound Section and please also include any suggestions.

- I. Publish a membership list (to include name, place of employment, work address and area of specialty) to distribute to employers and members for the purpose of networking. (This project has begun already but will require further input from members to be complete - see future issues)
- II. Expand current employer mailing list to include all local employers and include a contact or two at each company.
- III. Create a "Chemistry Career Center" in public and college libraries where employer mailing list, National ACS literature and PS ACS information would be available for check-out. (Since we have only one set of videos, they would not be included for check-out at the libraries.)
- IV. Start a job bank.
 - A. maintain a listing of those persons seeking a position thus serving as an employee resource to local employers
 - B. maintain a listing of current openings which would be posted on our web page as well as in the PS Chemist
- V. Have at least one section meeting a year pertain to career program (e.g. resume workshop, interviewing, career development - possible topics being management issues, business related topics, etc.)

- VI. Sponsor technical short courses (approximately \$200/member for 2 days compared to \$785 at national meetings) with topics arising from this membership survey.
- VII. Sponsor half-day or day long topical conferences (see February AAAS meeting announcement this issue).
- VIII. Collaborate with neighboring local sections to share some career programming and job bank.
- IX. Run employment clearing house and workshops at the regional meeting.
- X. Form topical sub-groups to meet periodically.
- XI. Increase networking opportunities between local sections and industry. (If you select this as a priority, please include types of opportunities desired.)
- XII. Start a job club that could meet prior to section meetings. This club could utilize a local ACS career consultant who could review resumes, cover letters, discuss networking, and answer questions.

Please list your top 3 choices for future career programming in the Puget Sound area in order of preference. If you prefer, see the above list on our web page and e-mail your top 3 choices and suggestions to jvhv76a@prodigy.com

1.

2.

3.

Further suggestions:

Mail to:

Dr. Marlys Nasset
14218 8th Avenue East
Tacoma, WA 98445



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PUBLICATIONS AVAILABLE LOCALLY

ACS Academic Professional Guidelines

ACS Career Services Catalogue

ACS and Industry: The Road to Success. Products and Services for Industry Chemists

Chemistry in the Economy

The Chemist's Code of Conduct

Coping with Job Loss

Current Trends in Chemical Technology, Business, and Employment

1996 Employment Outlook

Employment Trends in Chemistry

The Interview Handbook

Planning for a Career in Industry

Professional Employment Guidelines

sources for Career Management
 Targeting the Job Market
 Teaching Chemistry to Students with Disabilities
 Tips on Resume Preparation
 What a Ph.D. Chemist Should Consider Before Accepting an Industrial Position
 What a BS/BA Chemist Should Consider Before Accepting an Industrial Position
 What an MS Chemist Should Consider Before Accepting an Industrial Position
 What a Ph.D. Chemist Should Consider Before Accepting an Academic Position
 What a Chemist Should Consider Before Accepting a Government Position
 Workforce Report: Professionals in Chemistry (December 1995)
 Young Chemists Committee Newsletter (Fall 1996)



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or: Christopher Frie, Chief Chemist (as above)
Tom Taylor (604) 687-5636

CHANGE OF ADDRESS?

Please note that the local section does not prepare its own labels, but gets them from the Local Section Activities division of the National Office of the American Chemical Society in Washington, D. C. Therefore, notice of changes of address for ACS members should be sent to the national office so they can use the correct address for all their mailings. Please send your notice to: Manager, Member & Subscriber Services, ACS, P.O. Box 3337, Columbus, OH 43210; phone: (800) 333-9511 or (614) 447-3776.

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