



THE DAYTON SECTION

DAYTON SECTION'S WEB PAGE ADDRESS:
<http://www.udayton.edu/~acs/>

DAYTON SECTION OFFICERS, 1998

CHAIR

Dr. Dan Bombick, Dept. of Chemistry, Wright State Univ., Dayton, OH 45435; Office: (937) 775-2340; dbombick@discover.wright.edu

CHAIR-ELECT

Dr. Frank Lonadier, Chemistry Dept., Sinclair Comm. Coll., Dayton, OH 45402-1460; Office: 512-2308; flonadie@sinclair.edu

IMMEDIATE PAST CHAIR

Dr. Ken Turnbull, Dept. of Chemistry, Wright State Univ., Dayton, OH 45435-0002; Office: 775-2671; kturnbul@desire.wright.edu

SECRETARY

Dr. James R. Gord, WL/PRSC, Bldg. 490, WPAFB, OH 45433-7103
Office: 255-7431; gordjr@pr.wpafl.af.mil

TREASURER

Mr. Keith Grinstead, Jr., Innovative Scientific Solutions, Inc., Dayton, OH 45440; Office: 255-6980; grin@ward.appl.wpafl.af.mil

COUNCILOR

Dr. John Fortman, Dept. of Chemistry, Wright State Univ., Dayton, OH 45435-0002; Office: 775-2188; jfortman@discover.wright.edu

ALTERNATE COUNCILOR

Dr. R. Gerald Keil, Dept. of Chemistry, Univ. of Dayton, Dayton, OH 45469; Office: 229-2822; keil@mccoy.as.udayton.edu

PROFESSIONAL PRACTICES COMMITTEE CHAIR

Dr. Dan Ketcha, Dept. of Chemistry, Wright State Univ., Dayton, OH 45435-0002; Office: 775-3230; dketcha@desire.wright.edu

COMMITTEE CHAIRS

MEMBERSHIP COMMITTEE

Dr. Don Sullenger, 135 Bethel Rd., Centerville, OH 45458; Home: 433-7904; sullengerdb@worldnet.att.net

PUBLIC RELATIONS COMMITTEE

Dr. Steve Trohalaki, Wright-Patterson AFB, OH 45433
Office: 255-6671, Ext. 3147; trohals@ml.wpafl.af.mil

COLLEGE AWARDS COMMITTEE

Dr. Dennis Flenge, Cedarville College, Cedarville, OH 45314; Office: 766-7949; flented@cedarville.edu

HIGH SCHOOL AWARDS COMMITTEE

Mr. Berch Carpenter, 1700 Spillan Road, Yellow Springs, OH 45387; Home: 767-7068

PATTERSON-CRANE AWARD COMMITTEE

Ms. Margaret Roach; Home: 836-3029; mroach@erinet.com

BULLETIN EDITOR

Dr. Dave Tomlin, Wright-Patterson AFB, OH 45433
Office: 255-3808, Ext. 3181; tomlindw@ml.wpafl.af.mil

INDUSTRIAL RELATIONS COMMITTEE

Mr. Scott Pardin, Isotec, Inc., 3858 Benner Rd. Miamisburg, OH 45342; Office: 859-1808 x321; Scott.Pardin@mathesongas.com

EDUCATION COMMITTEE

Dr. Paul A. Fleitz, 3030 Fairmont Ave., Dayton, OH 45429; Office: 255-6671, Ext. 3105; Home: 294-4283
fleitzpa@ml.wpafl.af.mil

INVESTMENT COMMITTEE

Dr. Harold Rosenberg, 3244 Early Road, Dayton, OH 45415; Office: 277-1973; Home: 274-6947

SECTION CAREER PROGRAM

Dr. Glen Buell, 3548 Eastern Dr., Beavercreek, OH 45432; Home: 426-2937; buell@flyernet.udayton.edu

SECTION HISTORIAN

Mr. Doug Hufnagle, TRW Avionics Systems Division, WPAFB, OH 45433; Office: 255-0946; hufnagd@ml.wpafl.af.mil

WOMEN CHEMISTS COMMITTEE (Co-Chairs)

Dr. DeLyle Eastwood, Dept. Eng. Physics, AFIT, WPAFB, OH 45433; Office: 255-3636 Ext. 4537; deastwoo@afit.af.mil
Ms. Jennifer Shaw, Scitex DPI, 3000 Research Blvd, Dayton, OH 45420; Office: 259-3758

YOUNGER CHEMISTS COMMITTEE

Ms. Melissa Gannt, Eurand America, 845 Center Dr., Vandalia, OH 45377; Office: 898-9669

WEBMASTER

Dr. Dave Grossie, Dept. of Chemistry, Wright State Univ., Dayton, OH 45435-0002; Office: 775-2210; dgrossie@wright.edu

BULLETIN

November-December, 1998

Professional Practices Meeting **Sinclair Community College** **Wednesday, November 18, 1998**



"Chemical Demos for the Holidays" **Dayton Museum of Discovery** **Friday, December 11, 1998**

AMERICAN CHEMICAL SOCIETY

Dayton Section

Eugene W. Kettering Center
140 East Monument Avenue
Dayton, Ohio 45402-1267

NON-PROFIT ORG.

U. S. POSTAGE PAID

DAYTON, OHIO

PERMIT NO. 517

DATED MATERIAL -- MEETING ANNOUNCEMENT -- DO NOT DELAY

SECTION MEETINGS . . .

November

Date: Wednesday, November 18, 1998

Place: Sinclair Community College
171 Dining Room
Building 12
Sinclair Center

Agenda: 6:00 PM — Social (Cash Bar)
6:30–7:30 PM — Dinner (Chef's Buffet)
7:30 PM — Speakers

Speakers: 50 year members

Topic: *"Perspectives on a Half Century of Chemical Careers"*

Reservations: For dinner (required by noon, Tuesday, November 10th) contact Don Sullenger at 937-433-7904. The cost of the meal is \$18.50 for ACS members and \$10.00 for students and members of the High School Teachers Association.

Abstract:

During its annual Professional Practices Meeting the Dayton Section has traditionally honored its members, who during the year have attained 50 years membership in the ACS. For the last few years each attending honoree has been asked to give an overview of his or her career in chemistry.

In the past, these honorees have offered unique perspectives on how chemistry has developed and continues to change over the past fifty years. These lively and anecdotal presentations have proven to be our most popular Section meetings and we are proud to once again continue this new tradition. This year we are very fortunate to have three new 50-year members and we hope to have as many as are able participate. The 1998 50-year members are: Mr. Robert G. Dunn, Mr. Walter C. Hanson and Dr. Harold Rosenberg.

We urge that all members attend to hear how varied and fulfilling careers in chemistry can be, and to honor and greet these long-standing friends and associates once again. Moreover, as in the past, all previous 50 year members are invited as to this dinner as Guests of the Section as are the new 25, 10 and 5 year honorees.

50 Years

December

- Date:** Friday, December 11, 1998
- Place:** Dayton Museum of Discovery
Tait Auditorium
- Agenda:** 7:30 PM
(the Museum is open 5–9PM)
- Speaker:** John Fortman
Wright State University
- Topic:** *"Chemical Demonstrations for the Holidays"*

Abstract:

A family fun filled event. The demonstration show will last approximately 30 minutes and will consist of green and red reactions, a chemical silver tree against a blue sky, an illustration of how ornaments are silvered. Chemistry of some toys, and other special demos like chemical snow will also be presented.

The meeting will be open to the general public and admission to the Museum is a can of pet food or pet toy (we will have cans of pet food available at the door for Section members and their families). The Museum's theme is "A Holiday Party for the Animals". Members are encouraged to bring their spouses, children and grandchildren and take advantage of the live animal exhibits.



October Meeting Update

The Wednesday, October 21st meeting on career transitions (see the SEP/OCT Bulletin for details) has been moved to Room 103 in the Biological Sciences Building, Wright State University. The meeting times and agenda remain the same.



In the News...

Following are proposed changes to the Dayton Local Section's Bylaws. Any comments/suggestions should be directed to Ken Turnbull at 937-775-2671 (kturnbul@wright.edu). Voting for approval of the bylaw changes will take place at the October section meeting.

Suggested Amendments to the Bylaws of the American Chemical Society, Dayton Section

- All incidences of “Chairman” **to be changed to** “Chair” or “Chairperson.” All incidences of “Chairman-Elect” **to be changed to** “Chair-Elect.” All incidences of “Immediate Past Chairman” **to be changed to** “Immediate Past Chair.”
- All incidences of “he” **to be changed to** “they.” All incidences of “his” **to be changed to** “their.” All incidences of “him” **to be changed to** “them.”
- **Bylaw 1. Section 5.** “Masculine forms shall be used in these bylaws for the sake of brevity.” **to be deleted.**
- **Bylaw 4. Section 5.** “There shall be the following standing committees: Program, Professional Practices, Membership, Public Relations, Awards, Education, and Long Range Planning.” **to be changed to:** “There shall be the following standing committees: Archives, Awards, Bulletin, Education, Industrial Relations, Long Range Planning, Membership, Professional Practices, Program, Public Relations, Women Chemists and Younger Chemists.”
- **Bylaw 4. Section 8.** “The Chairman-Elect shall serve as chairman of the Program Committee.” **to be changed to:** “The Immediate Past Chair shall serve as chairperson of the Program Committee. The other members of this committee shall be the Chair and Chair-Elect.”
- **Bylaw 5. Section 1.A.** “The Chairman-Elect, the Secretary, the Treasurer and the Professional Practices Chairman shall serve a one-year term of office beginning on January first following their election.” **to be changed to:** “The Chair-Elect shall serve in sequence one year as Chair-Elect, one as Chair, and one year as Immediate Past Chair, with each term of office beginning on January first.”
- **Bylaw 5. Section 1.B.** “The Chairman-Elect shall serve in sequence one year as Chairman-Elect, one as Chairman, and one year as Immediate Past Chairman, with each term of office beginning on January first.” **to be changed to:** “The Secretary and Treasurer shall serve a two-year term of office beginning on January first following their election. The election of these two offices will be held on alternate years from each other; the Secretary in odd numbered years and the Treasurer in even numbered years.”
- **Bylaw 5. Section 1.E.** “A MEMBER serving in any elective position may be elected to any office, provided his present term of office will have expired before his assumption of the new office, or provided he resigns his office on consenting to become a candidate for the new office.” **to be changed to:** “A MEMBER serving in any elective position may be elected to any office, provided their present term of office will have expired before their assumption of the new office, or provided they resign from office on consenting to become a candidate for the new office.”


AND...

- **Bylaw 6. Section 3.A.** “The Chairman-Elect, Secretary, Treasurer, Councilors and Alternate Councilors and Professional Practices Chairman shall be elected by secret ballot.” **to be changed to:** “The Chair-Elect, Secretary, Treasurer, Councilors and Alternate Councilors shall be elected by secret ballot.”
- **Bylaw 8. Section 5.** “The Executive Committee shall meet as often as necessary to conduct its business. Business of the Executive Committee which is of an urgent nature may be conducted by telephone.” **to be changed to:** “The Executive Committee shall meet as often as necessary to conduct its business. Business of the Executive Committee which is of an urgent nature may be conducted by telephone or e-mail.”
- **Bylaw 10.** “...The Board of Directors shall be charged with preserving and increasing the corpus of the Fund. At the discretion of the Board, income in excess of that needed to adequately fund the Patterson-Crane Award may be used in funding the Patterson College Awards. The Patterson College Award will consist of grants-in-aid made to outstanding Junior year college chemistry majors at colleges within the Dayton Section area.” **to be changed to:** “...The Board of Directors shall be charged with preserving and increasing the corpus of the Fund. At the discretion of the Board, income in excess of that needed to adequately fund the Patterson-Crane Award may be used in funding the Patterson College and High School Awards. The former will consist of grants-in-aid made to outstanding Junior year college chemistry majors at colleges in the Dayton Section area. The latter will consist of three cash awards to the top performers in the annual Patterson High School Awards Competition and recognition plaques to the top performers from each participating school.”



Election Time Again

Election materials will be sent to all members of the Dayton Section in early October. Completed ballots shall be returned directly to the Secretary in pre-addressed envelopes before the November meeting of the Dayton Section. At this meeting the ballots will be counted and the results of the election announced. Please remember to send in you completed ballots. Thanks.



(continued from page 6)

ACS Congressional Fellowship (Available Fall 1999)

The Fellowship Program places two ACS members in staff positions in Congress to: gain firsthand knowledge of the operation of the legislative branch of the federal government, make scientific and technical expertise available to the government, and forge links between the scientific and government communities. Applications due January 1, 1999. For more information, contact: ACS Office of Legislative and Government Affairs, 1155 Sixteenth Street, N.W., Washington, DC 20036, (202) 872-4467, E-mail: congfellow@acs.org

Applications consist of a letter of intent, a résumé, and two letters of reference. Candidates should contact ACS prior to submitting an application to determine the type of information needed in tletter of intent. Arrangements should be made to send the letters of reference directly to ACS.

Orphan Chemical Exchange Program

The Orphan Chemical Exchange Program was designed to facilitate the exchange of usable, but unwanted, laboratory chemicals among industrial companies, educational institutions and research facilities, thereby decreasing the amount of chemicals that become wastes. Donor institutions benefit by reducing their inventory of unwanted chemicals and waste management costs. Parties receiving the orphan chemicals will reduce their chemical acquisition costs.

This program was initiated by members of the Health, Safety and Environmental Committee of the Cleveland Association of Research Directors and Cleveland State University.

Members of the program who want to donate chemicals provide information about the chemicals using the program's web site (<http://www.cestp.csuohio.edu/orphan/orphan.html>). Members interested in obtaining chemicals from donor institutions may submit their order through a specific web page. An email message is sent to the donor company indicating that a specific member is interested in their chemicals. The donor company will then contact the potential recipient member. This process protects the anonymity of the donor company. If both parties agree to the transaction, the recipient will then make arrangements for delivery using a commercial carrier.

The website contains information about the program, its rules and regulations, a membership application form and the list of chemicals presently available.

There is no membership fee.

I hope that you will promote this program amongst the members of your organization and possibly establish a link to our website. If you or any of your members have any questions about this program please feel free to contact me at (440) 943-1200 ext. 2810.

Thank you,

Gregory A. Taylor
Executive Committee Member
The Lubrizol Corporation

ACS FELLOWSHIPS AVAILABLE

Science Policy Fellowship

The Fellowship offers a unique opportunity for a scientist or engineer to join ACS and gain first-hand knowledge of the operation of the legislative and executive branches of the federal government, develop nonpartisan Capitol Hill briefings and assist ACS committees in their work, complete a special science policy project for presentation.

The Fellowship is for one or two years. The Fellow receives an annual salary in the low \$40Ks with an ACS benefits package, as well as a relocation allowance. ACS members at any point in their careers may apply. A Ph.D. is not a requirement.

Applications are due January 8, 1999. For more information and instructions on how to apply, please contact Deitra L. Jackson (202) 452-8917, e-mail: d_jackson@acs.org, or write ACS Office of Legislative and Government Affairs, 1155 Sixteenth Street, N.W., Washington, D.C. 20036. (cont. on pg.5)

Member-Services Available



KINETICA, INC.

Specialists in Process Chemistry, Chemical Kinetics and Thermochemistry

James M. Pickard, PhD
President

P. O. Box 182
Mansburg, OH 45343-0182

Phone: (513) 836-8652
Fax: (513) 836-8652



Scientific Research & Development

6565 Willowick Place, Dayton, OH 45459-3005

Tel. (937) 435-7632

Dr. Sam P. Sinha

Advertise Products and Services in the Bulletin

UNIT SIZE	RATE
Full Page	\$100
2/3 " (vertical).	70
1/2 " (horizontal).	50
1/3 " (vertical).	35
1/6 " (vertical).	20
Business Cards, full year. . .	100

Call Dave Tomlin at (937) 255-3808, x 3181 or email tomlindw@ml.wpafb.af.mil

Need Help in Your Career?

The Dayton Section offers assistance in career planning and searching for new positions. Contact Glen Buell (937) 426-2937.

Others - Services Available

Chemical Analysis Services

- ▲ Materials Identification
- ▲ Product Deformulation
- ▲ Defects/Failure Analysis

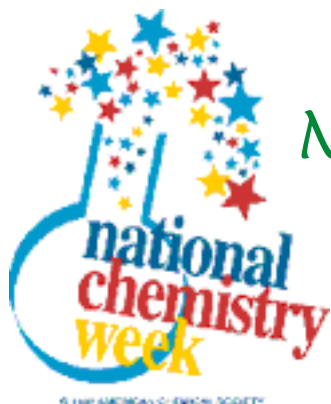


Chemir / Polytech

Laboratories, Inc.

(314) 291-6620

<http://www.chemir.com>



National Chemistry Week Activities

Come celebrate National Chemistry Week with a variety of activities sponsored by the Dayton Section, Scitex Digital Printing, QCI, a ChemFirst Company and the Dayton Museum of Discovery.

SlimeFest '98

On Saturday, October 31st, from 12-4:30 PM, join the Wright State University Chemistry Club for SlimeFest '98 at the Mall at Fairfield Commons (near the Food Court on the upper level). Last year they made over 8 gallons of the popular polymer.

ChemDemo '98

Bring your family and friends to a Chemical Demonstration Show at Wright State University (Room 109 Oelman Hall) on Sunday, November 1st, from 3-4:15 PM. This is the same great program that educates and Entertains nearly 8,000 Dayton area students each year. This is a unique opportunity for the whole family and one you are guaranteed to enjoy. The demonstration is free, but seating is limited to 470. Arrive early and enjoy the show.

ChemFest '98

Continue the celebration Saturday and Sunday, November 7th and 8th, at the Dayton Museum of Discovery. ChemFest is two days of Chemistry in the Museum's new hands-on laboratory and demonstration theater. This year will feature all new activities including Moo-Glue (making glue from milk) and liquid nitrogen ice cream. In addition, there will be 8 different chemical demonstrations by area high school and college chemistry clubs. ChemFest will be 12-4:00 PM both days and is free with regular museum admission. For more information, or to volunteer to help, contact Paul Fleitz at 937-255-6671 x3105.

Announcing

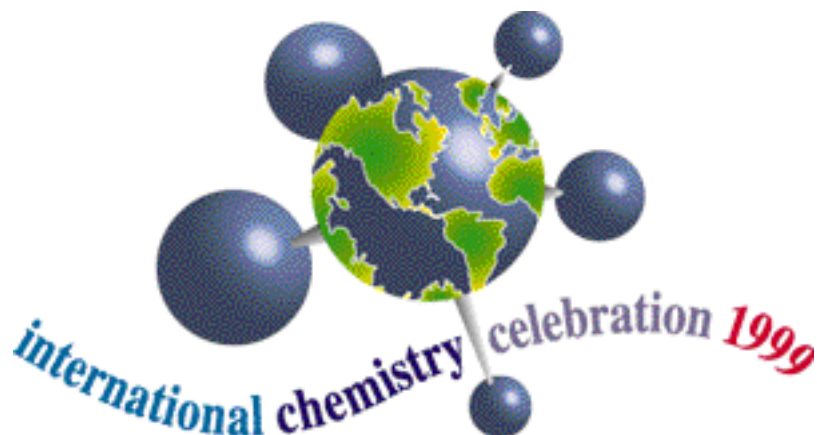
The 1998 National Chemistry Week Poster Contest "A World of Color"

Children in grades K-8 are invited to draw a poster with color-changing markers. The poster can be serious or humorous but all themes will have one thing in common **COLOR!!**

The Dayton Section will have color-changing markers and paper available at the NCW event at the Mall at Fairfield Commons, 12-4:30 PM on Saturday, October 31st and at the ChemDemo event at Wright State University, 3:00-4:15 PM, November 1st.

Each poster must include the child's name, grade, school, school address, and teacher's name and must be submitted to the DaytonSection by December 1st. National winners will receive a \$1000 savings bond or a home computer. Honorable mention will receive a \$500 savings bond.

For more information, contact Paul Fleitz at 255-6671 x3105 or Steve Trohalaki at 255-6671 x3147.



This year's National Chemistry Week also serves as the kickoff for the International Chemistry Celebration (IChC). The year long celebration was established to enhance the public appreciation of chemistry and its positive contributions to everyday life throughout the world as well as to enhance communication among chemical societies and organizations worldwide. It begins November 1998 and ends in November 1999. Your participation is needed for any or all of the following four activities:

A World of Color Activities for Young People

A set of experiments young people can conduct throughout the world will help build an international database on indigenous natural dyes. Activity books, available in several languages, can be obtained from the Dayton Section.

A Global Salute to Polymers

Is there a locally developed polymer that is worthy of international recognition for its positive impact of polymers? The ACS National Historic Landmarks Program also supports this outstanding community outreach program. A commemorative plaque, furnished by ACS, will be presented for the polymer achievement honored.

Integrating IChC with Other Chemistry Activities

Such activities might include an information exchange with chemistry students in another country, identifying and highlighting international research collaborations with local researchers, and identifying global chemistry trends that affect our community.

Intercultural Partnerships & Information Exchange

Chemists around the world are encouraged to participate by identifying international partners in other countries with whom you can explore, compare, and discuss the physical and societal aspects of chemistry. Participate as an individual or as a member of your national chemistry organization, including local sections and divisions. Contact the Dayton Section for suggestions on topics.

Additional information can be found by visiting the IChC website at www.acs.org/ncw/ichc.htm, by calling 1-800-227-5558 x6078, or contacting Steve Trohalaki at 937/255-6671 x3147 or at trohals@ml.wpafb.af.mil.