

# *The Chemical Record*

Volume 43, No. 1      February 2001  
Columbus Section of the American Chemical Society, Inc.

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## Getting Young People Into Science

Come to our February meeting and listen to Professor William H. Zoller's discussion about an outreach program that is dedicated to inspiring students to study the physical sciences.

The meeting will be at the Battelle Memorial Institute in Columbus on Tuesday, February 13.

For dinner reservations, try our automated reservation online at [www.acscolumbus.org](http://www.acscolumbus.org), or email Marcella Gibbs at [mgibbs@cas.org](mailto:mgibbs@cas.org). Full details on page 4.

### Electronic Access of *The Chemical Record*

To better utilize our resources, we are considering a reduction in the number of monthly mailings of *The Chemical Record*. An email message will be sent to members on a monthly basis, and the *Record* will be available for download from the Web (<http://www.acscolumbus.org>). If you do not receive an email by mid-February detailing Chemical Record access information, please contact Stephen Renner, [srenner@cas.org](mailto:srenner@cas.org), with an update of your email address.

**Important:** To assist our planning efforts, please let us know if you would like to continue receiving a monthly HARD COPY of *The Chemical Record*. To do so, please contact Stephen A. Renner, Chemical Abstracts Service, 2540 Olentangy River Road, Columbus, Ohio 43210.

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## Section News

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### A Message from the Chair...

It is with great pleasure that I assume the role of Chair of the Columbus Section of the American Chemical Society. I have great hopes that the upcoming year will bring new activities, new members, and new direction as we propel the Section into the new Millennium.

An important change that we are considering is a switch to an electronic format for accessing *The Chemical Record*. This will save substantial costs and will allow us to pool more resources into important programmatic initiatives. On occasion, we will try new formats for our meetings and hope to revive our mini-meetings with a focus on topics of general and focussed interest. Stay tuned for important topic announcements.

We are also pleased to announce the formation of new Younger Chemists Group and are fortunate to have Anne Hawking taking a leadership role for this initiative. This will provide new opportunities for our younger members (remember that you are only as old as you feel!). We hope to have greater contact with, and provide useful services to our membership - in education, industry, and government. It is my personal hope that we can reach out to our chemists of the future in high schools and colleges.

Obviously none of these goals will be achieved without the active participation of dedicated volunteers. In the Columbus Section we have many, and they have my thanks in advance for the terrific job that they will do in the year ahead. I encourage all of our members to re-evaluate their views of the Section, to make an effort to participate in at least one our functions, to give us a chance to serve you, and most important - to provide us with feedback on what we are doing well and how we can better serve your needs.

Together we have a wonderful year ahead of us!

Jimmy Cowan, Chair  
January 2001

### National Chemistry Week Volunteers' Work Recognized by ACS

*submitted by Maria Rosenthal*

The December 18 issue of *C&E News* included the report on activities nationwide, "Cookin' with Chemistry", by Kevin MacDermott, highlighting events that attracted national attention for their novelty, outreach, and originality.

The Columbus Section was doubly recognized for efforts related to the "Chemists React to Hunger Initiative" as the unified activity and for our presence at the Columbus International Festival.

ACS members and chemists at CAS contributed 27 boxes of food weighing 814 pounds that provided 1628 meals for distribution through the Central Ohio Food Bank.

Says MacDermott: "Chemistry is for everyone, regardless of language, race, ethnicity, or economic status. In support of this idea, the Columbus Section had an NCW booth at the Columbus International Festival, which is sponsored by the United Nations Association and is considered to be the premier celebration of peace and understanding among different cultures present in central Ohio. More than 12,000 people attended."

Congratulations to NCW Committee Members and Committee Chair, Karen Toplek.

## Section News

### Local Section Committees 2001

The new office bearers for the section are summarized below:

#### Officers

Chair:	Jimmy Cowan
Immediate Past Chair:	Mark Fischer
Chair-elect:	Sherry Hemmingsen
Secretary:	Anton Heyns
Treasurer:	George Greene
Treasurer-elect:	Joel Rosenfield
Councilors:	Jodie A. Harper, Theresa A. Huston, Richard J. Timmons
Alternate Councilors:	Thomas A. Evans Maria G.V. Rosenthal Donald C. Songstad

#### Committee Chairs

ACS Communications:	Maria Rosenthal
Archives:	Steven Rosenthal
Bylaws:	Charles Moulton
Chemistry Olympiad:	Pauline Shaw
College Coordinator:	Jens Hemmingsen
College Senior Awards:	Sherry Hemmingsen
Columbus Section Award:	Lewis Hogarth
Education:	Maria Rosenthal
Fifty Year Award Contact:	Dale Hannan
Finance:	Michael Miller
High School Affiliates Group:	Peggy Sheets
Hospitality:	Gordon Renkes
Industrial Relations:	Lee Cherney

Intersociety Activities:	Lucile Decker
Long-Range Planning:	Ed King
Membership:	Ron Haney
National Chemistry Week:	Pat Woodward
Nominating Committee:	Steven Rosenthal
Patterson-Crane Award:	Ed King
Professional Relations:	Clarence Decker
Program:	Jimmy Cowan
Publications:	Stephen Renner
Electronic:	Richard Dardis
Homepage:	Stephen Renner
Manager, Chemical Record:	Mohamed S. Khan
Retirees Group	<i>Position Open</i>
State and Local Government Affairs:	Manfred Luttinger
State Science Fair Coordinator:	Stephen Renner
Technical Affiliates Group:	Lena Wills
Tellers Committee:	Norman Rearick
Visiting Scientists:	<i>Position Open</i>
Young Chemists Committee:	Anne Hawking



## Meeting #767, Tuesday, February 13

Battelle Memorial Institute  
505 King Avenue  
Columbus, Ohio 43201  
614-424-6424

**6:00 pm:** Reception: chips, pretzels, fruit punch.

**7:00 pm Dinner:** Tossed green salad and a choice of Beef Stroganoff (tender beef sauteed with mushrooms and onions in a sour cream brown sauce, served with egg noodles and veg) **or** Chicken Parmesan (a breaded Italian chicken breast with melted mozzarella cheese and zesty marinara sauce over a bed of pasta with veg) **or** Vegetarian Lasagna. Rolls and refreshments.

**8:00 pm Lecture:**

Chemical Outreach Program: Getting Young People Interested  
Science

Dr. William H. Zoller  
University of Washington, Seattle, WA.

**Cost:** \$16.00. Emeritus members, unemployed members \$14, and students are \$5. (The cost covers the price of dinner. If you cannot attend the dinner, please feel free to attend the program at 8:00 pm).

**Reservations:** Please phone Marcella Gibbs at 447-3600 x2721 or email [mgibbs@cas.org](mailto:mgibbs@cas.org) or reserve online at [www.acscolumbus.org](http://www.acscolumbus.org) by 3:00 pm Monday, Feb. 5th. Please indicate retired/unemployed/spouse/student status and affiliation when making reservations. Also please indicate your entree choice. To cancel a reservation, please call Marcella by 11:00 am Tuesday, Feb. 6th. No cancellations can be accepted after that time. Uncancelled reservations must be paid. Early reservations are appreciated.

**Executive Meeting:** A business meeting will be held at 4:30 pm at Battelle in Conference Room G. Any section member is welcome to attend the business meeting.

**Directions:** To get to Battelle: Take Route 315 S to the Kinnear Road exit. Turn left at the light at the end of the Kinnear Road exit ramp. Kinnear Road turns into Olentangy River Road. Take Olentangy River Road to King Avenue (approximately one mile) and turn left (east). Turn right (first light) into Battelle's main entrance. **OR** Heading south on High Street, turn right into King Avenue. Go through two sets of lights and Battelle will be on the left hand side. Visitor parking is located in front of the main entrance and to the right. We will meet for the reception in Conference Room G and will be escorted to the dining area at 7 pm sharp.

## About the Topic

One of the severe problems that the United States is facing is the lack of our young students that chose to study Science! Currently, we are educating a lot of students from other countries in Chemistry and Physics, but not very many of our own American students.

We began in 1989 to start a program of sending freshman or sophomore students to local High and Jr. High schools to give talks on current science topics. These talks are all on the slides, so we train the students in how to give an interesting talk without notes.

This program has become so successful, that it is being duplicated at other schools, and has increased the number of undergraduate students interested in taking chemistry and physics when they come to college.

The talks are on topics that have been in the news, and are of current interest to students, and since many of the teachers out there are not up on the latest information, they really appreciate the program. The talks are on: Chernobyl, the damage nuclear reaction the Ukraine; Global Warming and the Greenhouse Effect.; air sampling at the South Pole in Antarctica; Ozone depletion; the eruption of Mount St. Helen's in 1980; Volcanic Chemistry.

In any given year, we have about 25 students out giving talks, and approximately 2,000 students hear them each year. We also give course credit for the program that counts toward the student's graduation.

## About the Speaker

William H. Zoller received his B.S. from the University of Alaska (1965) and Ph.D. from the Massachusetts Institute of Technology (1969). His research interests are in the field of Nuclear Chemistry with a focus on atmospheric chemistry in the northwest, volcanic chemistry, and man's impact on the environment.

### Attention: Younger Chemists! Columbus Section Lauches LSYCC *submitted by Anne Hawking*

Are you interested in networking with other younger chemists? Want to fasttrack your career? Check out the newly established Columbus Local Section Younger Chemists Committee (LSYCC). The LSYCC is a branch of the local section ACS designed to focus on the unique needs and interests of younger chemical professionals in the section. The ACS defines younger chemists in the society as 35 or under, or chemists not yet established in their career.

The purpose of the Columbus LSYCC is to coordinate career and professional development programming and to offer younger chemists a way to get involved in leadership as active, participating members of the local section. Plans are underway for a Kick Off Event to be held in mid-March! This will be a great chance to network with other younger chemists as well as make connections with established chemists in a variety of professions.

Watch for more details to come via email in the next The Chemical Record. For more information, contact Anne Hawking at (614) 438-2631, or [anneh@labsupport.com](mailto:anneh@labsupport.com).

## Welcome New Members!

*submitted by Ron Haney*

The Columbus Section would like to welcome the following new members:

Scott Armstrong	Walter Lempert	Jonathan Rhoad
Brian Auman	Lynn Mastilovic	David Saltmiras
Sarah Bates-Smith	Martha McCauley	David Scarpetti
Jeffrey Brandt	Kyle McCune	James Seaba
Song-Yuan Chang	Sonya McKay	Susan Styron
Damon Click	Jimmy Moore	Nick Szabo
Dana De Vyver	Safa Motlagh	Anand Vaidyalingam
Christopher Dollberg	Diana Navarro	James Via
Jeaneen Flyak	Baochau Nguyen	K. Scott Weil
Christopher Gabriel	Brain Pate	Loriann Wilson
Shahrokh Ghaffari	Garry Pennycuff	Jeffrey Wilson
Stephen Heermann	Christina Petrarca	Chihae Yang
Sunil Jinandra	Ming Poi	Haifeng Yin
Corinne Jones	Richard Pritchard	Hongshi Zhen
Stephanie King		

So that we can get to know our new members better, we would like to extend an invitation to these people to attend one of our dinner meetings. This will be at no cost to you for your initial meeting only. If you have not already received one, a letter will be sent to you soon with the details of this offer.

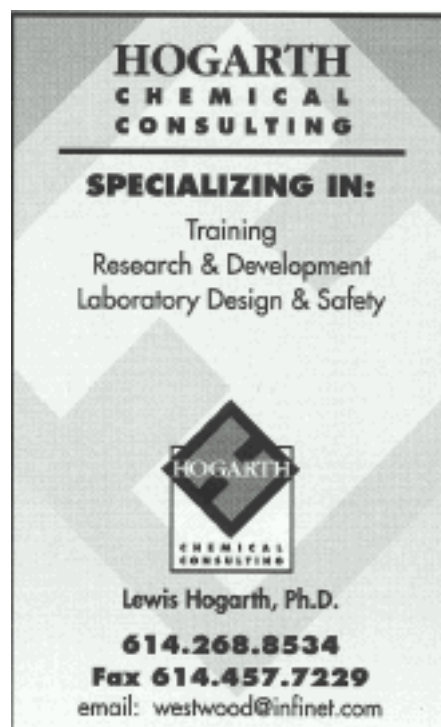
You can contact Ron Haney (Membership Chairman) at 764-6551 to make a reservation (also Marcella Gibbs at 447-3600 x2721) at least one week prior to the meeting.

The next scheduled meeting is February 13 at 6 pm. If this meeting does not fit your schedule, please call so that we can reserve you a place at one of our future meetings.

Again, Welcome!

Do not quench your inspiration  
and imagination; do not become  
the slave to your model.

*Vincent van Gogh*




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## The Chemical Record

**Email news, announcements, letters, opinions, etc. to [srenner@cas.org](mailto:srenner@cas.org).**

The Chemical Record, official newsletter of the Columbus Section of the American Chemical Society, Inc., is published monthly, September through May, except January (8 issues per year). Opinions expressed by the editors or contributors do not necessarily reflect the official position of the Columbus Section. ©Columbus Section ACS, 2001.

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Mail items to Stephen A. Renner, Dept. 88, CAS, 2540 Olentangy River Rd., Columbus, OH 43202.

**The submission deadline for the March issue is February 16.**

**Send address changes/name removals to Ron Haney, Membership Chairman ([haneyro@witco.com](mailto:haneyro@witco.com), 764-6551). Ron Haney maintains the mailing list. Address labels are printed by Mike Miller.**

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## Calendar

February:

13th; “*Chemical Outreach Program: Getting Young People Interested in Science*”, Dr. William H. Zoller.

March: 21st; Outstanding High School Teacher Award; “*Alternative Energy Sources: From the Sun to the Depth of the Earth*”, ACS President Attila Pavlath.

27th; “*Wonders of the World Project for Elementary School Science Education*”, Dr. Susan Olesik.

April: 19th; Presentation of Outstanding College Junior and Senior Awards.; a talk by Dr. Rosemary Marusak. (Title of talk coming soon!)

28th; State Science Day.

May: 2nd; “*A Fulbright Year in Qatar*”, Dr. Tom Weeks.

8th; Patterson-Crane Award.

September:

12th; “*Decoding the Stradivarious The Materials, the Sound, and the Mystique*”, Dr. Joseph Nagyvary.

October: 4th; ACS President-Elect to visit.

November:

4-10th; National Chemistry Week.

14th; “*Applications of Biopolymers*”, Dr James N. BeMiller.

Columbus Section Of The  
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**CHEMICAL RECORD**  
P.O. Box 82181,  
Columbus, OH 43202

**Local Section ACS Officers.**

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