

# The Chemical Record

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Columbus Section of the American Chemical Society, Inc.

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www.acscolumbus.org

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## Changing Composition of Chemical Workforce

Thursday, October 4th, 2001

Come to our October meeting and listen to Dr. Eli Pearce discuss the changes in America's chemical workforce.

See page 4 for more details!

**Directions:** To get to Chemical Abstracts Service, take Route 315 to Lane Avenue exit. Go East to Olentangy River Road. Turn LEFT (North); drive past the Fawcett Center for Tomorrow to Burnbrae Street (just before Ackerman/ Dodridge). Turn RIGHT and park in lot. Please enter via the NORTH entrance and sign in at the Security Desk as well as the Hospitality Desk.

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## A Message from the Chair...

Following the tragic events of Sept 11th, our spirits were raised somewhat by our Sept speaker who provided an insightful presentation on the Stradivarius violin. In October, we have the opportunity to welcome the ACS President-Elect. We should also have the opportunity to welcome Bill Carroll, Chair of the International Activities Committee. This is probably our most popular meeting and will include the presentation of awards to 50 year members, a special recognition award to Roxanne Labs, and a celebration of our success in winning three ChemLuminary awards. Please join us.

Finally I remind you all that you will soon receive ballot materials for election of new office holders in the section. Please consider their qualifications carefully and exercise your

**VOTE!!**

Jimmy Cowan, Chair, (September 2001)

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## Section News

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### **Columbus Section Members Recognized at ACS National Meeting**

*by Maria Rosenthal  
Public Relations Chair*

ChemLuminary Awards, Grassroots  
Achievement, Arthur C. Cope Award

The ChemLuminary Awards, "thanking our members for their volunteer efforts" is the centerpiece of membership functions of the Fall National Meeting. This year's gathering in Chicago was especially rewarding to our section, both scholars and its core of active volunteers.

The Columbus Section was recognized with 2 ChemLuminary awards for events during National Chemistry Week 2000 and Public Outreach activities in the past year.

From The Committee on Public Relations and Communications...

#### **THE "RELAY FOR LIFE EVENT" OF AMERICAN CANCER SOCIETY**

A "Chemistry Table" organized by Professor Jeff Trent, Chemdemonstrator and chemist at Roxane Laboratories, who presented "Kids and Chemistry activities" to cancer survivors and their families and friends throughout the "Relay for Life", a community marathon fundraiser. Volunteers from Roxane Laboratories and the Section's NCW and Public Relations Committees assisted Jeff in this endeavor.

The photos are at:

<http://www.cartogra.com/rs/FC32E14B-7FE7-11D5-B429-0090277A760E>

The Award also recognized the visibility of "Good Chemistry" provided by newspaper articles informing the community of events and meetings.

From the National Chemistry Week Task Force...

#### **BEST EVENT WITH LEGISLATORS OR GOVERNMENT AGENCY:**

The event involved recognition of retiring Sen. Charles Horn, for his dedication to furthering Science and Technology in Ohio, especially within the Ohio Legislature for more than 15 years. Sen. Horn received a plaque in a ceremony at the State Capitol Rotunda on Nov. 8, 2000. Organized by Members: Manfred Luttinger, Karen Toplek, Patricia Connick, Steven Rosenthal, and Maria Rosenthal.

A Certificate of Excellence was presented to the section as nominee for:

#### **MOST SUCCESSFUL UNIFYING EVENT ACTIVITY - FOOD DRIVE**

The food drive carried out during NCW at CAS collected 27 boxes of food weighing 814 pounds providing 1628 meals to feed the hungry people of central Ohio. Organized by: Steven Rosenthal and Karen Toplek.

The NCW 2000 photos can be viewed at the Section's website, [www.acscolumbus.org](http://www.acscolumbus.org), under National Chemistry Week.

#### **GRASSROOTS ACHIEVEMENT AWARD**

In addition, the Columbus Section was recognized at the Grassroots Achievement Awards from the ACS Office of Legislative and Government Affairs, on Monday, August 27, 2001. Manfred Luttinger, Chair of the State and Local Govt. Affairs Committee and the Chair of the Dayton Section met with U.S. Rep. Hobson, who is a member of the House subcommittee in charge of NSF funding. The award also recognized activities of section members with the Ohio Legislature, especially the presentation to Sen. Horn.

(continued on page 3)

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## Section News

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### ARTHUR C. COPE SCHOLAR AWARD

Also at the ACS National Meeting, Prof. Matthew S. Platz, of the Ohio State University Chemistry Department, was honored August 28 for inventing ways to follow chemical reactions step by step, yielding insights as far-reaching as how to protect blood supplies. Prof. Platz received the 2001 Arthur C. Cope Scholar Award.

See the full press release at:  
<http://center.acs.org/applications/news/story.cfm?story=644>

These awards and activity posters will be displayed at the October meeting.

### Special Meeting

Wednesday Oct 17th 2001  
Chemical Abstracts Service,  
2540 Olentangy River Road,  
Columbus, 43202  
(tel: 614 447 3600).

**5.00: Reception** - coffee, soda, cookies  
**5.30: Presentation** - "NineSigma--Sourcing Innovative Solutions"

Charles Brez  
senior vice president of sales and marketing  
NineSigma.

Mr. Brez will show ACS members how the role of R&D and its impact on the chemical industry & chemical engineers is changing. Outsourcing, where firms hand off research projects to outside contractors, is a growing trend, and can speed product/project development for chemical researchers.

Mr. Brez will discuss outsourcing as well as virtual R&D trends, and he'll show how an engineering department discovered gold in its computer files with web-based Productivity Management Software.

The Internet, likewise, is changing the way researchers and engineers complete tasks, cooperate with work groups, and perform analyses.

Mr. Brez will share with his ACS audience the experience NineSigma has had delivering science and technology information through its demonstration web Portal. He'll also show how chemical engineering departments worldwide can discover the best solutions to tough engineering tasks through NineSigma's Proposal-Net and Managed Exchange--two Web-enabled services.

**Location:** Chemical Abstracts Service, 2540 Olentangy River Road, Columbus, 43202 (tel: 614 447 3600). To get to Chemical Abstracts Service, take Route 315 to Lane Ave. exit. Go E to Olentangy River Rd. Turn L (N) and go past the Fawcett Center to Burnbrae St. (just before Ackerman/Dodridge). Turn R and park in lot. Please enter building through the N entrance and sign in at the security desk.

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### 2001 Fifty Year Members

Congratulations to the following members of the Columbus local section for being a member of the American Chemical Society for 50 years:

Dr. Thomas J. Clark	Dr. Lucille Decker
Mr. Rober J. Dunn	Dr. Gideon Fraenkel
Dr. Casimir L. Galdys	Dr. P Rexford Ogle
Dr. Olden E. Paris	Dr. James M. Quinn
Dr. Richard H. Toeniskoetter	

Please join us at our October 4th meeting to congratulate these members!

## Meeting #772

Thursday, October 4th, 2001

Chemical Abstracts Service  
2540 Olentangy River Road  
Columbus, Ohio 43202  
614-447-3600

**5:30 PM Reception:** cheeses, nuts, fruits, veggies, hot hors d'ouerves, sodas, and wine.  
Sponsored by Chemical Abstracts Service.

**6:30 PM Dinner:** Field greens w/red onion, pine nuts and feta cheese; served with assorted dressings. Entrees to be selected from (1) Sesame chicken over soba noodles w/oriental vegetables, OR (2) Grilled beef w/demi glaze; summer baby vegetables w/mushroom risotto, OR (3) Penne pasta w/marinara, fresh sauteed spinach and pine nuts. Followed by orange creamcicle cake. Includes standard beverages and rolls and butter.

**7:45 PM Presentation:**

Program to include presentation of awards to 50 year members, special recognition award to Roxanne Labs, and of section Chemluminary awards

**Lecture:**

### Chemistry's Changing Face Mirrors America

Dr. Eli Pearce  
2001 President-Elect  
American Chemical Society

**Cost:** \$16.00. Emeritus members and unemployed members are \$14.00. Students are \$5.00. (The cost covers the price of dinner. If you cannot attend the dinner, please feel free to attend the program at 7:00 PM).

**Reservations:** Please phone Marcella Gibbs at 447-3600-x2721, or e-mail mgibbs@cas.org, or reserve online at [www.acscolumbus.org](http://www.acscolumbus.org) by 3:00 PM Thur., Sept 27th. Please indicate retired/unemployed/spouse/student status and affiliation when making reservations. To cancel a reservation, please call Marcella by 11:00 AM Fri Sept 28th. No cancellations can be accepted after that time. Uncancelled reservations must be paid. Members having more than two unpaid reservations will be required to cover meal costs in advance. Early reservations are appreciated.

**Executive Meeting:** A business meeting will be held at 4:30 PM on Thurs. Oct. 4th in the Reading Rooms at Chemical Abstracts. Any section member is welcome to attend the business meeting.

**Directions:** From N. High St turn into W. 12th Avenue, heading towards the university. There are three options for parking. (1) Follow 12th Ave to Neil Ave. Turn right and follow the road around to the faculty club to park. (2) Follow 12th Ave to College Road and turn right. Turn left into

Hagerty Dr. and follow the road around to the front of Orton hall to park. Orton is next door to the faculty club. IGNORE restricted FACULTY A signs, but do not park in disabled spots or at metered parking. As a back up, (3) the union parking ramp is further along College Rd.

## About the Topic

The changes in the composition of the chemical workforce mirror the changes in the U.S. population. In the last decade alone, women and minorities - African Americans, Asian Americans, Latinos and Native Americans - have become a significantly larger share of the workforce. They are, however, unevenly distributed across chemical specialties and economic sectors (government, industry and academe). The status of women, minorities and the particular challenges they face will be explored, along with present and potential responses to the changing face of 21st century chemistry.

## About the Speaker

Dr. Pearce is University Research Professor, Polytechnic University of New York, where he has served as a member of the faculty and administrator since 1971. He had prior industrial experience (1958-73) at DuPont, J. T. Baker Chemical Co., and Allied Chemical Corp. Pearce received his B.S. degree from Brooklyn College (1949) and his Ph.D. from the Polytechnic Institute of Brooklyn (1958). His research interests are in polymer science, including synthesis, structure-property relationships, degradation, flammability, and polymer compatibility. He has served on the Board of Directors of the ACS as director-at-large since 1999, and has chaired both the ACS Division of Polymer Chemistry and the Committee on Education. He has been an ACS member since 1950. He was elected President of the American Chemical Society through the year 2002.

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## Section News

### Two Full-Time Positions Available

we are privately-owned company that is well-established in the Columbus area. Our building is located at 1025 Concord Avenue, near The Ohio State University campus.

Advanced Analytics Laboratories, Inc. has provided analytical services to environmental consultants, engineers, and industrial clients for more than 16 years. We have a commitment to providing our clients with exceptional customer service, quality data and rapid turn-around time. As a full-service environmental testing laboratory, we utilize state-of-the-art instrumentation for analyzing soils, air, water and wastewater.

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Contact: L. Eve Karnitis, President  
Email: ckarniti@columbus.rr.com

WE HAVE AN IMMEDIATE NEED TO FILL  
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online at [Monster.com/](http://Monster.com/)

#### GC-GC/MS CHEMIST

Well-established and busy environmental testing laboratory has an immediate full-time opening for a Chemist experienced with gas chromatography and GC/MS. Prefer a candidate with a BS degree in Chemistry and at least 1 year of experience using these instruments. **WILLING TO TRAIN A CHEMISTRY STUDENT. INTERNSHIP POSSIBLE. PART TIME CONSIDERED.** Must be familiar with EPA methods, or willing to learn. We offer a competitive salary, excellent benefits, and an opportunity to learn in a friendly environment.

We are an equal opportunity employer.

#### METALS ANALYST

Well-established and busy environmental testing laboratory has an immediate full-time opening for a metals technician. Job responsibilities include preparation of soils, solid waste, drinking water, wastewater and other matrices for metals analysis. Perform metals analysis by Atomic Absorption, Graphite Furnace AA and ICP. Must be accurate and detail oriented. A Chemistry degree is preferred, with 1 year of experience in metals analysis. **WILLING TO TRAIN A CHEMISTRY STUDENT. INTERNSHIP POSSIBLE. PART TIME CONSIDERED.** We offer a competitive salary, excellent benefits, and the opportunity to learn in a friendly environment. We are an equal opportunity employer.

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## The Chemical Record

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

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**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

October:

4th; ACS President-Elect, Eli Pearce; Dinner and program at Chemical Abstracts Service.

17th; Charles Brez, Senior V.P. of NineSigma, Inc.; Program to be at Chemical Abstracts Service.

November:

4-10th; National Chemistry Week; Theme: Chemistry in Art.

14th; “*Applications of Biopolymers*”, Dr James N. BeMiller; Program at the Fawcett Center.

December:

12th; Combined meeting with the AIChE; “*A Labor of Love - the art and technology of making chocolate*”, Dr. Witfield Robbins, Nestle Company; Dinner and Program to be held at the Holiday Inn on Lane Avenue.



Columbus Section Of The  
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**CHEMICAL RECORD**  
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