

# theCHEMICALbulletin

<http://membership.acs.org/C/Chicago>

FEBRUARY • 2002

## CHICAGO SECTION AMERICAN CHEMICAL SOCIETY

### Regular Monthly Meeting

**FRIDAY, FEBRUARY 22, 2002**

The Parthenon Restaurant  
314 South Halsted Street  
Chicago, IL  
312-726-2407

#### DIRECTIONS TO THE MEETING

From Kennedy (I90) or Edens (I94): Head downtown and exit at Adams Street. Turn right to Halsted. Turn left at Halsted. Restaurant is approximately 1-1/2 blocks on the west side of the street.

From Dan Ryan (I90/94): Head downtown and exit at Roosevelt/Taylor and turn left to Halsted. Turn right at Halsted. Restaurant is approximately 8-1/2 blocks on the west side of the street.

From Eisenhower (I290): Head east to Chicago. Exit at Racine and turn left. Go to Jackson Boulevard and turn right. Take Jackson to Halsted. Turn right at Halsted. Restaurant is approximately 1/2 block on the west side of the street.

From Outerdrive North: Exit at Randolph St. Turn right (west) to Halsted. Turn left at Halsted. Restaurant is approximately 5-1/2 blocks on the west side of the street.

From Outerdrive South: Exit at Jackson St. and turn left to Michigan Ave. Turn right at Michigan to Adams. Turn left at Adams to Halsted. Restaurant is approximately 1/2 block on the west side of the street.

**PARKING:** Free valet parking available. Parking is also available on the nearby streets or in a nearby lot for a charge.

**SOCIAL HOUR:** 6:00- 7:00 P.M.  
Cash Bar available

**DINNER** 7:00 P.M.

**Menu:** Greek Family Style Dinner—Appetizers: Saganaki (Kaseri cheese flamed in brandy), Gyros (roasted slices of lamb and beef), Taramosalata (fish roe blended with lemon and olive oil); traditional Greek salad. Main course:

Moussaka (layers of eggplant with meat and Bechamel sauce), Vegetarian Pastitsio (Macaroni baked with broccoli, Bechamel sauce and Kefalotiri), Dolmades (vine leaves stuffed with rice, meats and herbs), Rotisserie-roasted lamb served with rice pilaf and roasted potatoes. Desserts: Baklava (flaky layers of Phyllo baked with nuts and honey) and Galaktobouriko (flaky layers of Phyllo with vanilla custard and baked with syrup. Beverages, bread and butter.

**Dinner reservations** are required and should be received in the Section Office via phone (847-647-8405), fax (847-647-8364), or website (<http://membership.acs.org/C/Chicago>) by noon on Tuesday, February 19, 2002. The dinner cost is \$28.00 to Section members who have paid their local section dues, members' families, and visiting ACS members. The cost to non-Section members is \$30.00. The cost to students and unemployed members is \$14.00. PLEASE HONOR YOUR RESERVATIONS. The Section must pay for all dinner orders. No-shows will be billed.

**GENERAL MEETING**

**8:00 P.M.**



**Dr. A. Truman Schwartz**, Macalester College, Saint Paul, MN

**Title:** Chemistry and its Teaching at the Turn of the Century: The Janus View

**Abstract:** This is an appropriate time to look back at the century just passed and forward into the next. In this lecture, chemistry and its teaching will be subjected to such a Janus view. A retrospective glance at 1900 will reveal a world in which some scientists seriously worried that all the major discoveries had already been made. But at that very time, new experimental results and their theoretical interpretations were beginning to shake the foundations of our conception of the natural world. Much of 20th century science was an elaboration of its first decade, and the practical consequences of that process have transformed society. As we stand at the beginning of another century and peer into a murky new millennium, it may be instructive to speculate on what the past can tell us about the future.

**Biography:** At an early age, Truman Schwartz was captivated by a chemistry set, an infatuation that ultimately led to a BA from the University of South Dakota in 1956. He added another BA and a MA from Oxford University as a Rhodes Scholar, and in 1963 he earned a Ph.D. in physical chemistry from MIT. He spent the next three years as a research chemist with Procter and Gamble, trying to bring Joy and Cheer to the households of America. He joined the Macalester College faculty in

#### NOTICE TO ILLINOIS TEACHERS

The Chicago Section-ACS is an ISBE provider for professional development units for Illinois Teachers. Teachers who register for the February meeting will have the opportunity to earn up to 3 CPDU's.

(continued on page 2)

(continued from page 1)

1966, and has been there ever since, except for sabbaticals, teaching and research assignments at other institutions, and a brief stint as a petit-bureaucrat at the National Science Foundation. He has served Macalester as Dean of the Faculty and Chair of the Chemistry Department.

Professor Schwartz has most frequently taught general and physical chemistry, but he has also developed over 20 interdisciplinary courses. He is author or editor of a number of books, including *Chemistry in Context*, an ACS-sponsored college-level text for nonscience majors. Most of his papers have been published in the *Journal of Chemical Education*. He has held a wide range of local and national offices within the ACS, and is a frequent speaker at local sections, colleges, and universities. Numerous national awards, including the CMA Catalyst Award and the James Flack Norris Award, have recognized Professor Schwartz's contributions to chemical education.

## SECTION'S 50-YEAR MEMBER

The Chemical Bulletin honors James T. Traxler who was not listed with the other 50-year members in the January 2002 issue. We apologize for the oversight and say Congratulations!

## IN THIS ISSUE

- 1 .....February Dinner Meeting
- 2 .....Section's 50-Year Member
- 3 .....ChemShorts for Kids
- 3 .....Tiny Section Member
- 3 .....Continuing Education Seminars
- 3 .....Contact the Chair
- 3 .....Free t-shirt Raffle
- 5 .....Public Affairs Meeting
- 5 .....Public Strategies Mini-Symposium
- 6 .....Engineer's Week 2002
- 6 .....Fast-Track Teacher Certification
- 6 .....WCC Travel Award Winner
- 7 .....Willard Gibbs Medal Recipient
- 7 .....Younger Chemists Event
- 7 .....Scientific Literature Database
- 7 .....Holiday Food Drive
- 7 .....Holiday Party
- 7 .....Ad Index
- 8 .....Calendar

# Do Away with Vacuum Pump Oil Mist with MV Oil Mist Eliminators

*High-Capacity Oil Mist Eliminator for Vacuum Pumps.*



*MV VISI-MIST Oil Mist Eliminator for Smaller Pumps*

- ☐ Removes oil mist from vacuum pump exhaust
- ☐ Protects clean rooms from pump vapors
- ☐ Coalescing filters drain oil into a reservoir for easy recovery
- ☐ Keeps oil residue from sticking to furniture, walls and floors

Vacuum pump oil mist contaminates the surrounding air, settles on surfaces and you breathe it. Eliminate this problem by installing MV oil mist eliminators on your vacuum pumps. It will save you time and money.

The high-capacity oil mist eliminator is made of stainless steel and is designed for large vacuum pumps. It measures only 10" dia. x 13.5" high. The coalescing filter elements remove oil mist at 0.1 micron with an efficiency of 99.999%.

The MV Visi-Mist eliminates oil mist and is designed for smaller vacuum pumps. Contact MV Products for the oil mist eliminators best suited for your requirements. They install in minutes and require little maintenance.



## PRODUCTS

*A Division of Mass-Vac, Inc.*

247 Rangeway Road • PO Box 359 • North Billerica, MA 01862-0359

TEL 978-667-2393 FAX 978-671-0014 E-MAIL sales@massvac.com WEB www.massvac.com

## "CHEM SHORTS" For Kids

Welcome to the 100th installment of ChemShorts for Kids!

### Penny Popper

Kids, this column is for you really young ones, ages 5-7 or so. It is about something called surface tension. We will concentrate on water here, because water molecules really like to stick together. An electrostatic-like force attracts them. When they are near each other, they will try very hard to stay together instead of going off on their own. Even though individual molecules are too small to see, you can see how they work by watching their behavior.

Note to your adult partners: manipulating materials and equipment are important experiences for young children. In addition, using words to describe observations helps to develop mental muscles. To do this have them answer questions like "How?" "Why?" and "What makes you think so?" throughout this activity.

First, practice using a medicine dropper by slowly releasing water one drop at a time and counting drop by drop. To an adult partner, predict how many drops of water you can drop onto a penny before the water runs off. (Most children will guess between 2 and 10 drops). If more than one of you are doing this activity, make it a competition to see who can get the most drops on the penny.

Now it's time to start and test your prediction. Add drops one at a time. We'll bet that you'll be surprised how many the total can be (adults — see below). Look at the water on the penny's surface as it builds up higher. Describe its shape. The reason why so much water can be held there is due to surface tension. Water molecules hold tightly to one another on all sides. At the surface, the molecules don't have any neighbors above them to hold onto. So all of their holding power is used on molecules on their sides and below. That makes the surface act like a strong skin that can hold in a lot of the molecules.

Try the activity again but first add a drop of dish soap to the water. The penny will hold fewer soapy drops, and the dome will be flatter. Detergent molecules lessen the "pull" between water molecules. Interestingly, a chemical word for soap that helps to describe this action is "surfactant".

Reference: Faith Brynie, "Water's Molecular Madness" in Scientific American Explorations magazine, Winter 2002, page 34. Most children are excited to

see the total amount go to 20 drops or more on the penny.

Submitted by Dr. K. A. CARRADO.

All past "ChemShorts": <http://membership.acs.org/C/Chicago/ChmShort/kidin dex.html>.

### TINY SECTION MEMBER

Section member Angela Kowalski and husband became the proud parents of a son, Liam, born November 12, 2001. Congratulations!

### CONTINUING EDUCATION SEMINARS

The Continuing Education and Professional Relations Committees are continuing the series of short courses held at Loyola University on Saturday mornings, 9:00 to 12:00, at Loyola University, 6525 N. Sheridan Rd., Cudahy Science Building (building with the green dome), room 202.

The February program to be held on Saturday, February 16, 2002 will be "Searching for Chemical Information on the Internet". It will be given by Ms. Carla Lee, Head of the Science Library, Loyola University and Ms. Andrea Twiss-Brooks, of the John Crerar Library/Chemistry Library, University of Chicago.

The March program on Saturday, March 23 will be "Recent Developments in Nuclear Magnetic Resonance Spectroscopy" presented by Dr. Robert Botto of Argonne National Laboratories.

The cost for each of these courses is \$10 (free for students and unemployed chemists). Each of these courses carries three hours of CPDU credit for teachers.

A parking garage is available on the Loyola campus and it is also easily reachable by public transportation.

For further details or to register call the section office, 847-647-8405.

### FREE T-SHIRTS

The Hospitality Committee raffles one T-shirt at each monthly dinner meeting. The shirt has Chicago spelled out using the periodic table. So come to a monthly meeting and maybe you can win one.

**Congratulations to T-shirt winner Avrom Litin (December meeting).**

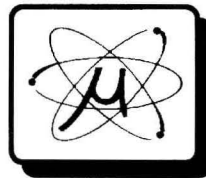
FRAN KAREN KRAVITZ  
HOSPITALITY COMMITTEE CHAIR

February, 2002 Vol. 89, No. 2. Published by the Chicago Section of The American Chemical Society, Editorial Staff: Cherlyn Bradley, Editor, and Fran Kravitz; Ellen Sullivan, Business Manager. Address: 7173 North Austin, Niles, Illinois 60714. 847/647-8405. Subscription rates: \$15 per year, \$15 outside North America. Frequency: monthly-September through June.

### CONTACT THE CHAIR

Do you have any questions, suggestions, ideas, gripes, complaints, relating to the Chicago Section? Do you want to volunteer to help with Section programs or activities? Then contact your Chair. Simply log onto the Section's Web Page at <http://membership.acs.org/C/Chicago>, find the green button "Contact the Chair", and send me an e-mail. If I can answer your query, I will respond personally. If I can't, I will forward your e-mail to someone who can, or try to provide you with a contact. All in a timely manner. I look forward to hearing from you.

HERB GOLINKIN  
Chair



**micron inc.**

**ANALYTICAL SERVICES**

**Morphology Chemistry Structure**

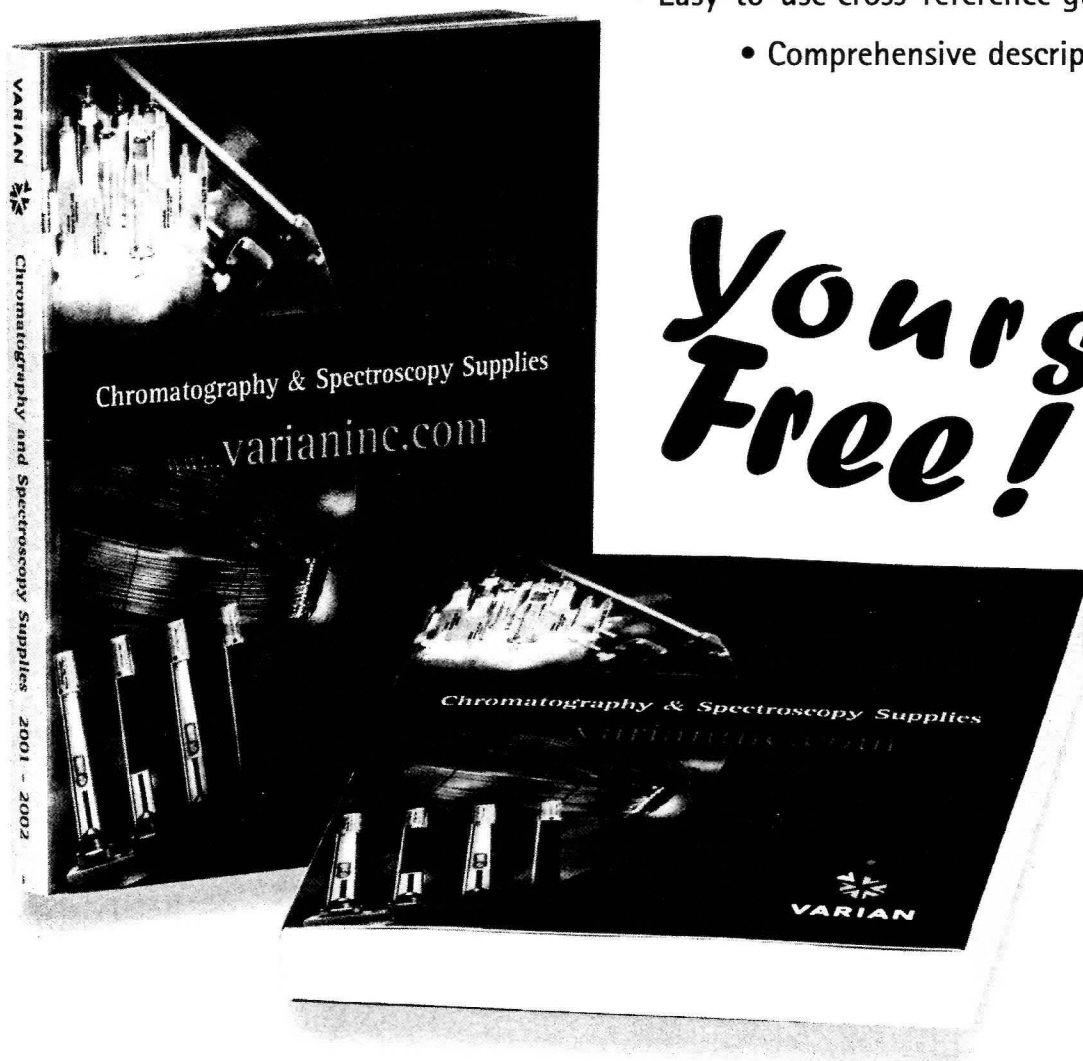
Scanning Electron Microscopy (SEM)  
Energy Dispersive X-Ray Analysis (EDS)  
Transmission Electron Microscopy (TEM)  
Electron Probe X-Ray Microanalysis (EPA)  
Wavelength Dispersive X-Ray Analysis  
Electron Spectroscopy (ESCA / AUGER)  
X-Ray Diffraction (XRD)  
X-Ray Fluorescence (XRF)  
Thermal Analysis (DSC / TGA)  
Micro-Fourier Transform Infrared (MFTIR)

Micron Inc.  
3815 Lancaster Pike  
Wilmington DE 19805  
Phone (302) 998 1184, FAX 302 998 1836  
E Mail [micronanalytical@compuserve.com](mailto:micronanalytical@compuserve.com)  
Web Site : [www.micronanalytical.com](http://www.micronanalytical.com)

# Selection, Value, Support— Varian provides it all!

Every chromatography and spectroscopy supply you ever want for your lab is in our new catalog at competitive prices!

- Full-color pictures
- Easy-to-use cross-reference guides
- Comprehensive descriptions



Call 800.926.3000, Option 1, x4505, or visit our website at [www.varianinc.com](http://www.varianinc.com).  
Request your **FREE** Varian Chromatography and Spectroscopy Supplies Catalog today!





## PUBLIC AFFAIRS MEETING TO FOCUS ON GREEN CHEMISTRY

For the past 14 years our public affairs meetings have alternated between award presentation in one year, followed by a public affairs lecture(s) in the next year. For March 2002, we will be presenting two lectures. The topic this year will be "Green Chemistry." The first lecture, at 5:30 p.m., will be presented by Dr. William Nelson of the Illinois Waste Management and Research Center. His talk will be based on his research using carbon dioxide as a solvent for traditional organic reactions, such as Friedel-Crafts and other acid catalyzed reactions. The after dinner talk will be given by Dr. Dennis Hjeresen, Director of the ACS Green Chemistry Institute (GCI). The GCI was established by the ACS in 2000 with the following mission: "The Green Chemistry Institute promotes national and international government-industry collaboration with universities and national laboratories." So, please give Friday, March 22 a prominent place on your calendar of events for 2002.

JIM SHOFFNER  
CO-CHAIR, PUBLIC AFFAIRS  
COMMITTEE

## PUBLICITY STRATEGIES MINI-SYMPOSIUM

The Chicagoland Science and Technology Leadership Series continues in 2002 with a mini-symposium aimed to help scientific and technical societies publicize their events to nonmembers and the general public.

The program, "Making News: Promoting Your Activities to a Wider Audience" will begin at 7 p.m. Wednesday, Feb. 6, at TEI Analytical, 7175 N. Austin Ave., Niles. Registration and a light dinner will be offered beginning at 6 p.m.

The Chicagoland Science and Technology Leadership Series, presented by TEI Analytical, provides a forum for officers and committee members of Chicago-area science and technology societies to share strategies that best meet their members' needs. Previous programs have addressed strategies for generating non-dues revenue and energizing and activating volunteers. For more information or to register, contact Ellen Sullivan at 847-647-1345, ext. 803, [ellen@teianalytical.com](mailto:ellen@teianalytical.com), or go to <http://www.teianalytical.com>

Classical chemistry
State-of-the-art instrumental techniques
Product and Process Testing
Environmental Compliance for Air, Soil, Water, Waste
Methods development
Nonroutine analysis
Short-term R&D projects

### TEI® Chemical Testing Services

### Consulting and R&D Services



TEI Analytical, Inc.  
7177 N Austin Ave  
Niles, IL 60714  
Phone: 847-647-1345  
Fax: 847-647-0844  
[www.teianalytical.com](http://www.teianalytical.com)

**Serving the industry  
and profession of  
science and technology**



## We've got staffing down to a science!

As the nation's leading scientific staffing company, Kelly Scientific Resources® has the expertise to find the skilled professionals you require... and the confidence to guarantee your satisfaction with each one.

We offer a full range of scientific professionals for any environment:

- Product/process development
- Quality assurance/control
- Research and development
- Technical support

And a full range of staffing options for any level of support:

- Traditional temporary help
- Temporary-to-direct placement
- Consulting or contract services
- Immediate placement

Best of all, when you choose Kelly Scientific Resources, you enjoy the added value of doing business with the most established and trusted name in staffing - Kelly Services®.

**630-964-0239**

1101 W. 31st Street, Suite 120  
Downers Grove, IL 60515  
E-mail: [KSR2476@kellyservices.com](mailto:KSR2476@kellyservices.com)

**Kelly Scientific**  
RESOURCES®

[www.kellyscientific.com](http://www.kellyscientific.com)

An Equal Opportunity Employer  
Kelly Scientific Resources, A Business Unit of Kelly Services  
©2000 Kelly Services, Inc. H1490 8/00

## ENGINEERS WEEK 2002: TURNING IDEAS INTO REALITY

What do engineers actually do? How do you become an engineer? What kinds of classes do I need to take to prepare me for an engineering career? How do basic scientific principles translate into engineering applications? These are some of the questions we try to answer at the DuPage Area Engineer's Week celebration, held each year during National Engineers' Week, February 17-23, 2002. The 18th annual DuPage Area Engineers Week program will be held on Friday, February 22 and Saturday, 23, 2002 at Illinois Institute of Technology's Daniel F. and Ada L. Rice Campus.

On Friday evening (2/22), a Speakers Forum, which is aimed at an adult audience, will be held. Our speaker this year will be Dr. Albert Kervalis from Packer Engineering. Dr. Kervalis will be conducting an accident investigation with audience participation. We'll learn not only what engineers look for and how, but also how to practice nonlinear thinking and not make unwarranted assumptions. This year, we are adding an informal box supper prior to the Forum; details of the event, including cost and reservation will be appearing soon on the web site given below.

The Saturday event (2/23), which will be open from 12:30 to 5:00 p.m., features interactive displays and presentations. Some of the presentations that will be this year include those on biohazards, structural engineering, the Robe Goldberg contest and a presentation by SciTech. The Rube Goldberg competition is sponsored by ASME for Middle School student (grades 6-8). Rube Goldberg was a cartoonist in the 1930's and 40's who devised unique and complicated approaches for performing simple tasks such as cracking an egg. In honor of Goldberg's ingenuity, the ASME competition works with students to create a device that performs a specific task in the most unique approach. The resulting constructions are displayed at the Engineers' Week program.

The very first DuPage Area Engineers' Week Open House was held in 1985 at Midwest College of Engineering in Lombard, Illinois. In 1986 Midwest College merged with Illinois Institute of Technology to form a new, west-suburban campus called IIT West. Over the last sixteen years, the west suburban campus of Illinois Institute of Technology has hosted the annual Engineers Week celebration. The DuPage program, initiated by IIT's west suburban Rice Campus, is a joint effort among professional engineering and scientific societies, the two area national laboratories, businesses, educational institutions and

community organizations. Presentations at the open house are directed toward introducing students of all ages and their parents to the current state of technology and advances being made throughout industry. The cooperation of the professional engineering societies, academic organizations and industry provide a comprehensive overview of the current state-of-the-art as well as generating an interest in the sciences among the program's visitors.

Education to Careers, a state initiative dedicated to providing students the opportunity to interact with various professionals and to get a better feel about what career might be right for them, is again working with IIT. This certainly aids our objective of communicating what engineering is, and what engineers do; attracting your people to careers in engineering, science and technology; and increasing the scientific literacy of the community.

IIT's Rice Campus is located at 201 East Loop Road, Wheaton. For more information on the DuPage program, visit the program's web site at <http://www.rice.iit.edu/engineersweek> or call 630/682-6040.

## FAST-TRACK TEACHER CERTIFICATION


Illinois Mathematics and Science Academy (IMSA), in partnership with Benedictine University in Lisle, offers a fast-track alternative teacher certification program in secondary-level science. It involves an intensive summer program in pedagogy and methodology, followed by a full-time, year-long, paid teaching internship in a local middle or high school. It is designed for individuals with a degree in biology, chemistry or physics and five years of work experience in a related field. The program leads to Illinois teacher certification, and has been designed with early-retirees or career-changers in mind.

If you would like more information, go to website: <http://www.imsa.edu/team/oiapp/altcertp/> or contact Dr. Susan Bisinger at 630-907-5949.

There will be an information session at the Arlington Heights Library at 10:00 a.m. on Saturday February 16.

## WCC TRAVEL AWARD

Congratulations to **Jennifer A. McReynolds**, recipient of an ACS Women Chemists Committee 2002 travel grant. Ms. McReynolds is a second-year graduate student at University of Illinois, Chicago. Her plan is to present her paper, "Microfabricated Multiplexed Capillary Electrophoresis for Biological Samples", at the March 2002 Pittcon meeting in New Orleans.

  <b>Quality Results!</b>  <b>Rapid Turnaround!</b>  <b>Extensive Capabilities!</b>  <b>Qualified &amp; Experienced Scientists!</b>  <b>Competitive Prices!</b>  <b>CALL TODAY!</b>	<b>Analytical Services</b>
	<b>Lab Services</b>
	➤ Polymer Deformation ➤ Polymer Analysis ➤ Method Development ➤ Consulting ➤ Expert Witness
	<b>HPLC Columns &amp; Accessories</b>
	➤ Reverse Phase ➤ Normal Phase ➤ SPE Cartridges ➤ Fast Analysis Bullet Columns ➤ Prep Columns ➤ HPLC Accessories ➤ Bulk Packings
<b>(508) 966-1301</b> <b><a href="http://www.jordiassoc.com">www.jordiassoc.com</a></b>	

## Toxicology Consulting

**Medical Devices  
Pharmaceuticals  
Biologicals  
Risk Assessments**

**Product Development  
FDA Registration  
Quality Assurance  
Regulatory Compliance**

## Northup RTs

Sharon J. Northup, PhD, DABT  
783 Ridge Road  
Highland Park, IL 60035

Ph: 847-579-0049 Fax: 847-579-0052

[Northuprts@aol.com](mailto:Northuprts@aol.com)  
[www.toxconsultants.com](http://www.toxconsultants.com)

## WILLARD GIBBS MEDAL RECIPIENT

I take great pleasure in announcing that the recipient in 2002 of the WILLARD GIBBS MEDAL FOUNDED BY WILLIAM A. CONVERSE will be Ralph F. Hirschmann, Tao Makineni Chair of Bio-Organic Chemistry, University of Pennsylvania and University Professor of Biomedical Research, Medical University of South Carolina.

While employed by Merck Research Laboratories, Professor Hirschmann was instrumental in the discovery and development of several major drugs including Vasotec, Lisinopril, Primaxin, Ivomec, Mevacor and Procar. He introduced the concept of "stereoelectronic control", directed the first solution synthesis of an enzyme, and demonstrated that the therapeutic index of an anti-inflammatory steroid can be improved via biochemistry-based prodrug design. At the University of Pennsylvania he initiated peptide-based research incorporating a rationally designed novel scaffold to replace the amide backbone.

The award will be presented by the President of the American Chemical Society Eli Pearce at the Chicago Section dinner meeting on May 24. This will be held at the Guest House of Argonne National Laboratories. I hope you all will be able to attend and share in the celebration. Details will be forthcoming in *The Chemical Bulletin* and the Section's web page.

HERB GOLINKIN

## YOUNGER CHEMISTS EVENT

The Chicago Younger Chemists Committee is hosting a brewery tour and happy hour. Meet us at RAM RESTAURANT & BREWERY in Schaumburg on February 27. The brewer will give us a tour starting at 6:30. Get a close-up look at how beer is made, then enjoy some with us afterwards! Appetizers and refreshment will be provided by YCC. All Chicago area "Younger Chemists" from industry and academia are invited — you are a Younger Chemist if you are under 35 or have been in your chemistry career less than ten years.

Please sign up for this event with the Section Office. Contact Eva Lopez at 773-268-4297 or evalopez@teianalytical.com. For more details or directions to RAM (1901 McConnor Parkway, across from IKEA), go to the YCC page of the Chicago Section ACS website: <http://membership.acs.org/C/Chicago/ycc.html>.

## SCIENTIFIC LITERATURE DATABASE

ScienceWise, now a division of TheScientificWorld, Inc., provides access to the world's scientific literature through sciBASE — a database covering 30 million documents from more than 30,000 journals with 10,000 new documents added each day. This service enables you to locate, purchase, and receive online individual scientific articles. In addition, be alerted to newly-published scientific research in your areas of interest through the pupALERT alerting service. For more information, go to <http://www.TheScientificWorld.com/>.

## HOLIDAY FOOD DRIVE


At the annual holiday party held on December 14 at Monastero's Ristorante, the generosity of the members of the Chicago Section was apparent. In response to the request that each member bring a can or box or package of food to be presented to those in need, some 200 pounds of food were donated. In addition monetary donations totaling \$75.00 were received. These were presented to the Loaves and Fishes Community Pantry for distribution. The monetary donations will be used to purchase perishable food items for these families. As the first such food drive conducted by the Section we can take pride in its success, and hope that it will grow in future years.

HERB GOLINKIN, Section Chair

## HOLIDAY PARTY

There were 160 practicing or honorary chemists in attendance at our annual Holiday Party, held jointly with the Chicago Chemists Club, at Monastero's Ristorante on December 14, 2001. Our thanks and appreciation to the following **donors** for providing gifts and favors: Blistex, Inc.; BP; Chicago Chemists Club; Iota Sigma Pi Sorority; Light Opera Works; Monastero's Ristorante; Northrup RTS; Stepan Company; Stevens Steak House; Studio Restaurant; TEI Analytical, Inc.

Special thanks to Hospitality Chair **Fran Kravitz** and to **Adrienne Golinkin** who handed out raffle gifts. Thanks to House Chair, **Frank Jarzembowski**, who arranged for the restaurant and the menu. Our speaker, Abigail Quandt, delivered an informative talk.



### DESERT ANALYTICS

LABORATORY

- CHNOSP Halogens
- Metals by AA/ICP
- Ion Chromatography
- Trace Analysis
- Coal/Petroleum

≡ Fast, Reliable Service ≡

**No Charge for Phone/Fax Results**

P.O. Box 41838      245 S. Plumer, #24  
Tucson, AZ 85717      Tucson, AZ 85719

**Fax 520-623-9218    Phone 520-623-3381**

Web: [desertanalytics.com](http://desertanalytics.com)  
E-mail: [thelab@desertanalytics.com](mailto:thelab@desertanalytics.com)

**ANALYSIS FOR THE CHEMICAL ELEMENTS**

## Advertising Index

Company	Page	Telephone	URL
Mass-Vac, Inc.	2	978-667-2393	<a href="http://www.massvac.com">www.massvac.com</a>
Micron Inc.	3	302-998-1184	<a href="http://www.micronanalytical.com">www.micronanalytical.com</a>
Varian, Inc.	4	800-926-3000	<a href="http://www.varianinc.com">www.varianinc.com</a>
TEI Analytical, Inc	5	847-647-1345	<a href="http://www.teianalytical.com">www.teianalytical.com</a>
Kelly Scientific Resources, Inc.	5	630-964-0239	<a href="http://www.kellyscientific.com">www.kellyscientific.com</a>
Jordi Associates, Inc.	6	508-966-1301	<a href="http://www.jordiassoc.com">www.jordiassoc.com</a>
Northrup RTS	6	847-579-0049	<a href="http://www.toxconsultants.com">www.toxconsultants.com</a>
Desert Analytics	7	520-623-3381	<a href="http://www.desertanalytics.com">www.desertanalytics.com</a>

**DO NOT DELAY  
DATED MATERIAL**

CHICAGO SECTION, AMERICAN CHEMICAL SOCIETY  
THE CHEMICAL BULLETIN  
7173 NORTH AUSTIN  
NILES, ILLINOIS 60714

## CALENDAR

**February 6, 2002:** The next Chicagoland Science and Technology Leadership Series Mini-Symposium will be at 7 p.m. in Niles. The topic will be "Making News: Promoting Your Activities to a Wider Audience". For more information, contact Ellen Sullivan at TEI Analytical, 847-647-1345, ext. 803, [ellen@teianalytical.com](mailto:ellen@teianalytical.com); <http://www.teianalytical.com>.

**February 16, 2002:** Illinois Mathematics and Science Academy (IMSA), in partnership with Benedictine University in Lisle, offers a fast-track alternative teacher certification program in secondary-level science. There will be an information session at the Arlington Heights Library at 10:00 a.m. on Saturday February 16. For more information, go to website: <http://www.imsa.edu/team/oiapp/altcertp/> or contact Dr. Susan Bisinger at 630-907-5949. **See also article in this issue.**

**February 16, 2002:** Continuing Education short course on "Searching for Chemical Information on the Internet" will be held at Loyola University, 6525 N. Sheridan Rd., Cudahy Science Building (building with the green dome), room 202 from 9:00 a.m. to 12:00 p.m.

**February 22, 2002:** The 18th annual DuPage Area Engineers Week program will be held at Illinois Institute of Technology's Daniel F. and Ada L. Rice Campus. **See article in this issue.**

**February 27, 2002:** The Chicago Younger Chemists Committee (YCC) is hosting a brewery tour and happy hour at RAM RESTAURANT & BREWERY, 1901 McConnor Parkway (across from IKEA), Schaumburg, IL. Please sign up for this event with the Section Office by contacting Eva Lopez at 773-268-4297 or [evalopez@teianalytical.com](mailto:evalopez@teianalytical.com). For more details or directions to the restaurant, go to the YCC page of the Chicago Section ACS website.

**March 17-22, 2002:** Pittcon 2002 will be held in New Orleans. For further information, call 412-825-3220 or go to <http://www.pittcon.org>.

**March 22, 2002:** The Chicago Section American Chemical Society will have its Public Affairs meeting. The general meeting speaker will be Dr. Dennis Hjerensen, Director, ACS Green Chemistry Institute. For additional information call the Section Office at (847) 647-8405 or <http://membership.acs.org/C/Chicago>.

**March 23, 2002:** Continuing Education short course on "Recent Developments in NMR Spectroscopy" will be held at Loyola University, 6525 N. Sheridan Rd., Cudahy Science Building (building with the green dome), room 202 from 9:00 a.m. to 12:00 p.m.

**April 7-11, 2002:** The 223rd National ACS Spring Meeting will be held in Orlando, FL. For further information, call the National ACS office at (202) 872-6059 or send e-mail to [natlmtgs@acs.org](mailto:natlmtgs@acs.org).

**April 19, 2002:** The Chicago Section American Chemical Society's general meeting talk will be "Science, Technology and US Foreign Policy" by Dr. Norman P. Neureiter, Science and Technology Adviser to the Secretary of State, Washington, D.C. For additional information call the Section Office at (847) 647-8405 or <http://membership.acs.org/C/Chicago>.

**May 4, 2002:** The 2002 High School Scholarship Exam will be given at Loyola University. For further information, contact Ami LeFevre at [amilef@niles-hs.k12.il.us](mailto:amilef@niles-hs.k12.il.us) or Ann Levinson at [annlev@ripco.com](mailto:annlev@ripco.com).

Nonprofit Organization  
U. S. POSTAGE  
**PAID**  
Chicago, IL  
Permit No. 171