

THE Indicator

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MAUREEN G. CHAN
2004 BURTON C. BELDEN
DISTINGUISHED SERVICE
AWARDEE
NO. JERSEY SECTION

See page 5.



LESLEY DAVENPORT
2003 OUTSTANDING
SERVICE AWARDEE
NEW YORK SECTION

See page 14.

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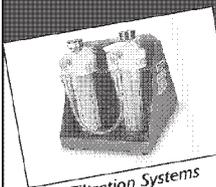


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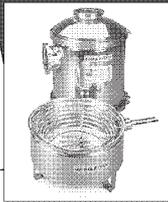
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| September | July 15 |
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| December | October 15 |
| January 2005 | November 14 |
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| March | January 14, 2005 |
| April | February 13 |
| May | March 15 |
| June | April 15 |

MEETING ANNOUNCEMENTS

If your meeting is held before the 10th of the month, your announcement should appear in the previous month's issue of THE INDICATOR. See the deadlines above.

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Address advertising correspondence to Advertising Manager. Other correspondence to the Editor.

May Calendar

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Thursday, May 13, 2004

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Wednesday, May 19, 2004

Westchester Chemical Society
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Thursday, May 20, 2004

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Biochemical Topical Group
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Careers in Transition
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ChemTAG
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Monday, May 10, 2004

No. Jersey Teacher Affiliates Executive Committee
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Tuesday, May 18, 2004

NMR Topical Group
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Annual Awards Meeting
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North Jersey Chromatography Group, Younger Chemists Committee and General Interest Group
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Deadline for items to
be included in the
September 2004
issue of *The Indicator*
is July 15, 2004.



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North Jersey Section

MAUREEN CHAN, 2004 BURTON C. BELDEN DISTINGUISHED SERVICE AWARDEE

Since I have known Maureen for all but the first two weeks of her industrial career as a chemist, I am delighted to write about why she deserves the award. It is particularly fitting that Maureen receive the Burt Belden Award, because just as Burt did, in addition to her many other offices, she served as secretary to the section for six important years. Maureen volunteered for the position of Secretary after she had served as Chair, because she realized the importance of the office of Secretary to the section. Not only did she expertly fulfill all the duties of the office, but she kept reminding whoever was Chair, as well as the rest of the Executive Committee, what needed to be done. And she did it all in such a diplomatic way that nobody took offense. Chairs are in office only one year, but the secretary keeps the section going from one year to the next. It is seven years since she was secretary, but we are still using some of the documents that she originated.

Another reason that it is so fitting that Maureen receive this award is that she has unselfishly nominated several North Jersey Section members to ACS national and regional awards, and has nominated laboratories in our section to Landmark and

Polymer Awards. She did it so well that her nominees usually won.

Another important service that we owe to Maureen is rescuing *The Indicator* from turmoil in 1986. After retrieving the files, Maureen suggested Lilian Sello as editor, which turned out to be an excellent idea. Excellent ideas and follow-through by Maureen led to her being elected to the Board of Directors of the ACS. This is a service to our section since only through Maureen was our section, as well as the district, represented on the small group of people who run the whole ACS.

Maureen learned some of her leadership skills by participating in women scientists' and women chemists' groups in the 1970s. She went on to chair the National Women Chemists Committee in the 80's. However, even after Maureen was promoted to Technical Manager at Lucent, and elected to the ACS Board of Directors, she has not forgotten her commitment to women chemists. Maureen represents the section as the MetroWomen Chemists Co-coordinator to this day, and the North Jersey and New York Sections won a Luminary Award for women chemist activities based on her continuing efforts.

Maureen's interests and accomplishments are wide — Public Affairs, Minority Affairs, Education, and many others. We are fortunate to have Maureen Chan as a continuing, hard working member of the North Jersey Section.

Susan Fahrenholtz

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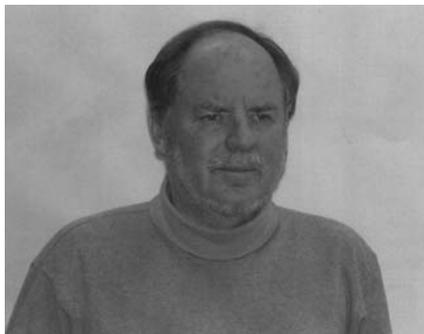
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**2004 SR. MARION JOSE SMITH
EXCELLENCE IN EDUCATION
AWARDEE, NORTHERN NEW
JERSEY SECTION**

Professor Richard Mendelsohn



Professor Richard Mendelsohn has been a member of the Chemistry Department in the Newark College of Arts and Sciences of Rutgers University for almost thirty years. During this period his enthusiasm for chemistry, particularly biophysical chemistry, has inspired and motivated the diverse group of students that have passed through his laboratory and the department of chemistry. It is very gratifying for those of us that have been inspired by Professor Mendelsohn's enthusiasm for scientific research to see him receive the Award for Excellence in Chemical Education from the Northern New Jersey Division of the ACS.

Richard Mendelsohn received his B.Sc. in chemistry, with first class honors, from McGill University in his native Montreal in 1967. Following graduation he moved to Boston, Massachusetts to begin his doctoral research in the laboratory of Professor Richard C. Lord, then director of the Harrison Spectroscopy Laboratory at the Massachusetts Institute of Technology. This research was among the first to establish the utility and feasibility of using Raman spectroscopy techniques to study proteins. After receiving his Ph.D. in 1972, Professor Mendelsohn moved to King's College, London to join the laboratory of Professor Maurice H.F. Wilkins (winner of the 1962 Nobel Prize with Watson and Crick). In London, Professor Mendelsohn began his lifelong interest in the structure and organization of biological membranes. Following a research fellowship back in his native Canada, Professor Mendelsohn joined the faculty at Rutgers in 1976. For the last twenty-five years, the National Institutes of Health has continuously funded Professor Mendelsohn's

research in the chemistry department at Rutgers University. His research has been at the forefront of developing new biophysical spectroscopy techniques and applying these to investigate proteins, lipids, membranes, cells, and intact tissues.

Professor Mendelsohn is receiving this year's excellence in education award not for his important research contributions, but rather because of his role as an educator. However, as all those who know him will attest, Professor Mendelsohn's role as an educator is intrinsically linked to his research. Indeed his energy and enthusiasm for scientific understanding, particularly as concerns problems in biophysical chemistry, is the vehicle through which he educates students to become scientists. It is this highly practical and empirical approach to chemical education that ultimately forms the foundation from which students that pass through Professor Mendelsohn's learn chemistry and learn to be critical thoughtful scientists.

Although they are too numerous to mention individually it is worth considering the range of careers and opportunities afforded the students that received their chemical education in Professor Mendelsohn's laboratory. In the academic world there are Mendelsohn alumni running their own laboratories at Thomas Jefferson University, the University of Georgia, Kent State University, the University of Puerto Rico, and the Hospital for Special Surgery. In the industrial world former students are employed in positions across a range of companies including biotechnology companies, chemical companies, and multinational corporations. It is also worth noting that almost half of the students that received their M.S. or Ph.D. with Professor Mendelsohn were women. It has been, and remains a hallmark of Professor Mendelsohn's approach to the education of his students that he is extremely open, flexible, and respectful of each student's individual circumstances, an approach that has attracted and retained many students to his laboratory. The current group of Ph.D. students is engaged in research across a diverse range of topics in biophysical chemistry, from the physical chemistry of monolayers to confocal Raman studies of skin and many topics in between. However, although the research topics change year to year, the current students have something very special in common with all of Professor Mendelsohn's previous students. They have all benefited from his unbridled enthusiasm for research and science, and his commitment to sharing that with each and every student, a process which has gone on in his Rutgers University laboratory for over twenty-five years, and continues to this day.

North Jersey Meetings

<http://www.njacs.org>

ANNUAL AWARDS MEETING

At this meeting the Section will present several awards as well as honor its 50 year members. Among the awards to be presented will be the prestigious Burton C. Belden Distinguished Service Award and the Sr. Marion José Smith Excellence in Education Award, see pages 5 and 6 for more information. Dr. Michael DiGiuseppe will once again serve to introduce the 50 year members.

Come and help us honor our award winners and 50 year members.

Date: Thursday, May 20, 2004

Times: 50 year member reception 4:30 PM
50 year recognition 5:30 PM
Dinner 6:15 PM
Awards 7:15 PM

Place: Lenfell Hall, The Mansion
Fairleigh Dickinson University
Madison, NJ

Cost: Free to 50 year members and spouses; \$25 for other attendees

Reservations: 50 year members will be contacted by the Chair to confirm attendance. All others should call (732) 463-7271 or acsoffice@aol.com to make reservations before Friday, May 14, 2004.

2004 Fifty Year Members

Dr. Byron H. Arison
Mr. David Bosniack
Mr. Harry Aaron Cantor
Mr. Charles Albert Carroll
Dr. Edwin Chandross
Dr. Nabakrishna Chaudhuri
Dr. Thomas Joseph Dolce
Mr. C. Chong Eng
Dr. Leon Farber
Dr. Gerald Feig
Dr. Abraham S. Feigenbaum
Mr. Francis Figiel
Dr. Harold Gainer
Dr. Daniel H. Gold
Dr. Patrick Gerard Grimes
Mr. Harvie Bruce Klaus
Dr. Paul Allan Lobo
Mr. Antony Lofredo
Mr. Francis B. McAndrew
Dr. Robert Arnold Nash
Dr. Louis A. Papazian
Mr. Richard Vincent Petretti
Mr. Howard Leonard Rachbach
Mr. James Andrew Rogers
Dr. Martin M. Sackoff
Mr. Robert Ames Sessler
Dr. Louis Haughton Sharpe
Sister Marian José Smith
Dr. George Strauss
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CAREERS IN TRANSITION GROUP

Job Hunting??

Are you aware that the North Jersey Section holds monthly meetings at Fairleigh Dickinson University in Madison to help ACS members? Topics covered at these cost-free workshops are:

- The latest techniques in resume preparation
- Ways for improving a resume
- Answers to frequently asked interview question and
- Conducting an effective job searching.

The next meeting for the Careers In Transition Group will be held **Thursday, May 6, 2004**, in the Rice Lounge on the first floor of the New Academic Building. The meeting will start at 5:30 PM and end at 9:00. There will be a Dutch-treat dinner. To get the most from the meeting, be sure to bring transparencies of your resume.

Please contact vjkuck@yahoo.com, if you plan on attending this meeting.



ChemTAG MEETING

Date: Thursday, May 6, 2004

Time: 4:00 PM

Place: High Point Regional High School
299 Pidgeon Hill Road
Sussex, NJ

Contact: Patti Duncan at
PDuncan@hpregonal.org



NJACS-TA EXECUTIVE MEETING

Date: Monday, May 10, 2004

Time: 4:30 PM

Place: Chatham High School
255 Lafayette Avenue
Chatham, NJ

Contact: Diane Krone at
kroned@optonline.net

NMR TOPICAL GROUP

New Methods and Applications for Studying Protein Motions through Nuclear Spin Relaxation

Speaker: Dr. Arthur G. Palmer
Professor of Biochemistry and
Molecular Biophysics
Columbia University

Date: May 18, 2004

Time: Social hour 5:45 PM

Dinner 6:30 PM

Seminar 7:00 PM.

Place: The Woodbridge Hilton

Cost: \$10 for students and post-docs,
\$30 for all others

Registration: At our web site www.njacs.org where further information about the program can be found. For further details contact Thomas Schuster at tschuste@optonline.net, or Gerald Stockton at gstockton@comcast.net.

We are delighted to acknowledge generous financial support by the following vendors:

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Social Hour: Courtesy of Suraj Manrao of Spectra Stable Isotopes.

Video Projector: Courtesy of Varian Inc.



ChemCentral

Date: Wednesday, May 19, 2004

Time: 4:00 PM

Place: North Brunswick Township
High School
Raider Road
North Brunswick, NJ

Contact: Cheryl Litman at
cheryllitman@juno.com



NJ GROUP OF SMALL CHEMICAL BUSINESSES

Environmental Forum — Compliance Assistance on Regulatory Issues for Chemical Businesses

Speakers: Karen Brown
Director, EPA Small Business
Ombudsman

Melinda Dower
Director, NJ Office of Pollution
Prevention and Right to Know

Are you up to speed on EPA's Small Business assistance program and all the compliance and educational information they can make available to small chemical manufacturers and importers? This presentation will provide you with the basic tools for small business compliance to federal regulations, including where to find free help.

And NJ Department of Environmental Protection can profile pollution prevention technology that helps you meet regulatory requirements. In addition, DEP will present the Right to Know regulations and the com-

pliance assistance available to the manufacturer.

Here is the opportunity to find ways to make compliance easier and more efficient, reducing your costs and issues to the manageable level.

Date: Thursday, May 20, 2004

Times: Presentations 4:00 PM
Networking 5:30 PM, Open Bar
and Hors d'Oeuvres
Dinner 6:30 PM
Speaker Panel Q & A 7:30PM

Place: Holiday Inn, North
Frontage Road
Newark Airport

Cost: \$55 for members of NJGSCB;
\$65 for non-members in advance
or at the door. Cancel 48 hours in
advance or be invoiced.

All Reservations must be **in advance** either at Web Site: www.NJChemBus.org or call Rhoda Kriesel at (973) 509-3290.

For map and directions, see www.NJChemBus.org



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TEACHER AFFILIATES

Attention AP Chemistry Teachers and Supervisors...

The Teacher Affiliates of the North Jersey Section, Inc. of the American Chemical Society will be presenting a full day workshop specifically geared to give teachers the tools they need to teach AP Chemistry.

The workshop will focus upon the following aspects of teaching AP Chemistry:

- + AP Textbooks, resources and websites for teaching AP Chemistry (presenter: Patricia Duncan – High Point Regional HS)
- + Scheduling of Content (presenter: John Penna – Retired Teacher)
- + Chemical Reactions (presenter: Dave Lee – Retired Teacher)
- + Equilibrium Problems and Hands-on Equilibrium Activities* (presenter: Diane Krone, Northern Highlands Regional HS)
- + Hands-on Lab Experiments and the Required Lab Exam Question* (presenter: Brenda Rosenau – Somerville HS)

Participants will earn 5 hours of NJ Professional Development hours for successfully completing the workshop.

Included in the cost of the workshop is a continental breakfast (from 8:00 - 8:30 AM) and a lunch, served at noon.

*Additional materials, lab kits, etc. will be available in the Equilibrium and Lab sessions for a nominal fee.

Date: Saturday, May 22, 2004

Times: Continental breakfast 8:00 AM
Workshop 8:30 AM – 2:30 PM
Lunch - Noon

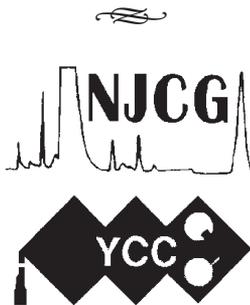
Place: Chatham High School
255 Lafayette Avenue
Chatham, New Jersey

Cost: \$30 for members of ACS-TA
\$45 for non-members
(which includes the annual membership fee)

Registration is limited to the first 24 individuals, so apply now.

To register for this event or for more information, contact:

Brenda Rosenau
Somerville High School
222 Davenport Street
Somerville, NJ 08876
(908) 218-4108
email: bkrosenau@aol.com



NORTH JERSEY CHROMATOGRAPHY GROUP — JOINT MEETING WITH THE YOUNGER CHEMISTS COMMITTEE AND THE GENERAL INTEREST GROUP

Tinctures, Tonics, and Patent Medicines: A History of Commercialized Quackery

Speaker: Prof. Ned D. Heindel
Lehigh University

While folk medicines and natural product derivatives have, in many cases, proven a fruitful source of modern, medically accepted therapeutics, they have also proven an abundant source for quackery. From Dr. Bateman's Pectoral Drops, recommended for "rheumatism, afflictions of the stone, gravel agues, the hysterics", to Munyon's Miracle Kidney Cure, which was claimed to "cure Bright's disease, all urinary problems, and pain in the back and groins from kidney diseases", the 19th century witnessed nearly unbelievable excesses in pharmaceutical advertising. Beginning in colonial America and extending to the passage of the Pure Food and Drug Act, a plethora of quack pharmaceutical manufacturers produced and aggressively marketed home remedies of dubious origin and questionable chemical purity. Whether the ingredients were opium and ethanol or simple milk sugar, no regulations governed their manufacture or sale.

Dr. Heindel will trace the birth of America's patent medicine industry in the late 18th century and its heyday of unregulated commercial success in the 19th century. The role of chemistry in the production, analysis, and eventual legal regulation of patent medicines will also be treated.

Prof. Heindel's professional activities include: President, American Chemical Society (Washington, DC), 1994; director, American Chemical Society (Washington, DC), 1985-1996; director; Council for Chemical Research, 1995-1999; Board Member, IUPAC-USA, 1995-2001; Board Member, Chemical Sciences Roundtable-National Academy of Sciences, 2001-present; director; Centcom Advertising, Ltd. (Westport, CT), 1987-1995; trustee, Northampton County Historical Society; 1989-present; trustee, Keystone Junior College (1975-89) trustee, Chemical Heritage Foundation (Board then Heritage Council), 1986-present; member, Journal Pharmaceutical Science board (to 12/90); member, Bioconjugate Chemistry board (to 12/03); chairman, Chemical & Engineering News board (1988, 1992-93: member 1994-95); consultant, National Museum of American History, Smithsonian Institution, Washington DC; 1990-present; consultant, Air Products and Chemicals, Allentown, PA, 1991-present.

Date: Tuesday, May 25, 2004

Times: Social and registration 5:30 PM
Dinner 6:30 PM
Seminar 7:30 PM

Place: Somerset Marriott

Cost: \$30.00 for Dinner (\$15.00 for Students)

Open seating for those not attending the dinner.

Reservations: Please reserve **by Friday, May 21**. Registration is required. To register online, go to www.njacs.org, click on chromatography. Or phone: David Kohler, ES Industries, (856) 753-8400. If you cannot attend, please be responsible and cancel your registration

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ORGANIC CHEMISTRY TOPICAL GROUP

Spring Symposium: "New Directions in Asymmetric Synthesis"

"New Methods for the Synthesis of Chiral Amines"

Prof. André Charette
University of Montreal

"Catalytic Asymmetric C-H Activation: A New Strategy for Organic Synthesis"

Prof. Huw Davies
SUNY at Buffalo

"New Metal-Catalyzed Carbocyclization Reactions for the Synthesis of Complex Terpene Natural Products"

Prof. P. Andrew Evans
Indiana University, Bloomington

"Complex Natural Products as a Driving Force for Discovery in Organic Chemistry"

Prof. Brian Stoltz
California Institute of Technology

Date: Thursday, May 27, 2004

Times: Registration 12:00 PM
Symposium 1:00 PM
Reception 5:15 PM

Place: Fiber Optics Auditorium
Rutgers University, Busch Campus
New Brunswick, NJ

Cost: Registration fee \$50.00.
Students or Post-docs \$20.00

For directions/information please see our website: www.njacs.org/organic.html

Due to limited seating, registration and payment are required **by May 13, 2004**.

Check if you are a student or post-doc.

Name _____

Affiliation _____

Address _____

E-mail _____

To register, send above registration information with a check made payable to "North Jersey Section ACS" to: Dr. Jake Song, Merck and Co., P.O. Box 2000; RY 800-C364, Rahway, NJ 07065

ANITA BRANDOLINI HONORED BY PARENTS CHOICE FOUNDATION

Bloomington Drive resident and chemist Dr. Anita Brandolini was recently honored by the Parents Choice Foundation for her children's chemistry book, "Fizz, Bubble and Flash!: Element Explorations and Atom Adventures for Hands-On Science Fun!"

Ms. Brandolini received a silver award from the group for her book in December. The gold medal went to "Mr. Roger's Playtime" by the late PBS children's program host Fred Rogers.

"I lost to Mr. Rogers so I don't mind second place," she laughed.

Ms. Brandolini, a Hillsborough resident since 1987, is an assistant professor of chemistry at William Paterson University. She combined her passion for chemistry and interest in children's education to create the book, which explains the periodic table of elements.

"I'm a longtime member of the Liberty Science Center," she explained. "And I got the idea for the book from a game with the elements that we were going to do there."

The book is the result of 10 years of work, a year and a half of which was "serious work," Ms. Brandolini said.

The author adds fun to the basic elements in the book, geared toward ages 8 and up, with humorous black-and-white cartoons and hands-on activities for kids.

"It was fun to learn about some of the interesting facts and come up with the funny little poems and cartoons to explain them to the kids," Ms. Brandolini said. "For example, I used a cow to illustrate 'cowcium' for calcium."

It was hard to employ an entertaining and informal style as she wrote, the professor said. Yet overall she enjoyed the experience and relied on valuable tips from family and editors.

"My nephew, who's now 17, gave me a lot of feedback over the years," Ms. Brandolini said. "And the book is dedicated to him and my niece. And my editors were a tremendous help."

The professor plans to pen more children's chemistry books in the future.

"It's an area that not a lot of people are writ-

ing about for kids. Chemistry is important though because it's related to the environment, cooking, art, and many other areas," Ms. Brandolini said. "Yet it isn't getting a lot of attention."

Contribute to The Indicator

The Indicator is interested in adding new features to the publication. Your input would be appreciated. Please let us know which type of feature you would like to see in future issues; i.e., book reviews, member news, short articles about your research or other ideas. Would you be willing to assist in gathering or writing such material?

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Any member of the North Jersey Section may be nominated by petition. The nomination must be signed by a minimum of ten members of the North Jersey Section in good standing. The nominee must be willing to serve if elected. The petition must be postmarked **no later than June 15, 2004**, and sent to the Section Secretary, Bettyann Howson, 49 Hillside Avenue, Madison, NJ 07940-2612.

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New York Section

OUTSTANDING SERVICE AWARD (OSA), NEW YORK SECTION

DR. LESLEY DAVENPORT

It is with great pleasure that the New York Section of the American Chemical Society announces the selection of Dr. Lesley Davenport as the recipient of 2003 Outstanding Service Award. Dr. Davenport presently holds the positions of Brookludian Professor of Chemistry at Brooklyn College of the City University of New York and Executive Officer for the Ph.D. Graduate Program in Biochemistry, The Graduate School and University Center, The City University of New York.

Dr. Davenport obtained her Ph.D. in Biochemistry from University of Salford U.K. She has been a member of ACS for over 20 years. She is a gifted leader and has served the New York Section and the Brooklyn Subsection in various capacities over the years. She was the chair of the New York Section in 2002, Councilor 2003-present, Nichols Jury 2001-2005, Co-Chair

Speakers Bureau 2002, Faculty Sponsor – Younger Chemists Committee 2002, Member of the Brooklyn Subsection Board of Directors, 1996-2000; Treasurer Brooklyn Subsection, 1997-2000; Organized and chaired the ACS-Brooklyn College sponsored Brooklyn High School Day, 1997-1999. On the National ACS level, Dr. Davenport is serving on the Committee on Science.

As chair of the New York Section, Dr. Davenport made many innovative contributions to the section including the initiation of the Salute to Excellence award and the creation of a professionally maintained website for the section. Dr. Davenport has been cited as “a remarkable scientist and an accomplished chemist who is faithful to her commitments and a team player.”

The Outstanding Service Award was presented to Dr. Davenport at the New York Section’s annual Section-Wide Conference on January 24, 2004 at St. John’s University to thank her for her many contributions to the New York Section. We want to congratulate Dr. Davenport for receiving the award and look forward to her continued involvement in the New York Section activities as well as the National level ACS activities.



The NY Section Outstanding Service Award for 2003 went to Dr. Lesley Davenport (right) of Brooklyn College and the City of New York Graduate Center. Presenting the award was Dr. Vijaya Korlipara (left). Dr. Mary Maier (center) presented a warm introduction of Lesley, enumerating her achievements and service to the New York Section.

New York Meetings

www.newyorkacs.org

NEW YORK SECTION HONORS ITS FIFTY YEAR MEMBERS

as guests of the Section along with their spouses at the Retired Chemists' Association luncheon.

Date: Wednesday, May 12, 2004

Time: 11:30 AM

Place: The Chemists Club
40 West 45th Street
New York, NY

For reservations, contact Evelyn Sarnoff (718) 459-3097.

2004 Fifty Year Members

Dr. Carl J. Abraham
Dr. John Erling Anderson
Dr. George Baum
Dr. Ernest Rodman Birnbaum
Donald Bruce Borders
Vincent Francis Dagostino
Dr. Margaret Kelemen Demyen
Dr. Claude V. Greco
Paul Guertler
Dr. Francis Johnson
Dr. Jerome J. Kamm
Jerome La Greca
Paul Lauren
Dr. Teh Hsun Lee
Dr. David Charles Mauzerall
Jane McCarthy
Dr. Robert S. Miller
Dr. Yoshiyuki Okamoto
Dr. Thomas Bradley Reddy
George E. Salsler
Dr. Joseph Martin Schor
Dr. P.R. Srinivasan
Dr. Shu-Lung Wang
Harold G. Weinreb

Miss Margaret Thelma Welch
Dr. Vladimir Zbinovsky



CHEMICAL MARKETING & ECONOMICS (CM&E) GROUP

The Changing Fine Chemicals Marketplace

Speaker: Jean-Louis Delbauffe
Deputy General Manager
ISOICHEM (Groupe SNPE)
Paris, France

Date: Thursday, May 13, 2004

Times: Cocktails 11:30 AM

Luncheon 12 noon

Presentation 1 PM

Place: The Chemists' Club
40 West 45th Street
New York, NY

Fees: \$35 discount price for Members who reserve by **Tuesday, May 11** (12 noon); \$50 for Guests and Members (at door without reservations)

Reserve: Please reserve early to be eligible for discount price. Call Probe Economics at (914) 923-4505, or via E-mail to: cmegroup@yahoo.com.

The mission of the Chemical Marketing & Economics (CM&E) Group is to inform members of economic and marketing issues of timely interest to the chemical and life science industries. To this end, the group has monthly meetings that take place September through June on the second Thursday of the month, at the Chemists' Club, 40 West 45th Street, New York City, where an invited speaker presents a talk. The meetings allow an opportunity to make contacts and exchange ideas with our peers in an informal atmosphere.



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WESTCHESTER CHEMICAL SOCIETY — JOINT MEETING WITH THE TAPPAN ZEE SECTION OF THE AIChE

Security and Vulnerability in the Chemical Industry

Speaker: William Anzovino
Akzo Nobel
Dobbs Ferry, NY

Mr. Anzovino has worked at Akzo Nobel for 32 years; 18 years in the Research Process Development Department and 14 years in the Safety Department. He is at present the Senior Safety Coordinator at Akzo.

Date: Wednesday, May 19, 2004

Time: Meeting 6:00 PM

Place: Akzo Nobel Research Auditorium
Akzo Nobel
Saw Mill River Parkway and
Lawrence Street
Dobbs Ferry, NY
(use the first parking lot on your
left - visitors parking)

Time: Dinner (after the presentation)

Place: Sam's
128 Main Street
Dobbs Ferry, NY

For further information contact Joan Laredo-Liddell at (914) 476-6860.



LONG ISLAND SUBSECTION

Eighth Annual Frances S. Sterrett Environmental Chemistry Symposium: "Alternative Energies - The Answer to Long Island's Insatiable Demand?"

Topics and Speakers include:

Energy and Long Island

Richard M. Kessel
Chairman, Long Island Power Authority
Uniondale, NY

Photovoltaics

Stephen L. Hester
Vice President/Technical Director
Technology Transition Corporation
Washington, DC

Wind power

Charles Muoio
Vice President of Development
FPL Energy, Inc.
Juno Beach, FL

Biodiesels

Dr. Scott Gordon-Wyllie
Department of Chemistry
University of Vermont

Plan now to attend. Watch for further information at our website. Go to <http://newyorkacs.org> and click on Meeting Calendar. Online registration will be available April 15.

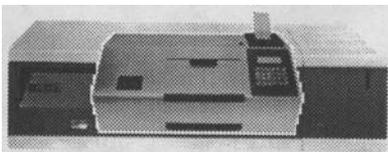
Date: Thursday, May 20, 2004

Time: 8:30 AM – 2:00 PM

Place: Hofstra University
Business Development Center
Room 246
Hempstead, NY

For further questions, contact Dr. Barbara Hillery at hilleryb@oldwestbury.edu or (516) 876-2738.

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MEETING WITH THE NYAS
BIOCHEMICAL PHARMACOLOGY
DISCUSSION GROUP**

**A Minisymposium — “Control of Protein
Expression at the RNA Level:
Implications for Human Disease and
Potential Points for Therapeutic
Intervention”**

Organizers: Marla Weetall
PTC Therapeutics
South Plainfield, NJ
and

Jose Perez
Pfizer Global Research &
Development
Groton, CT

Date: Tuesday, May 25, 2004

Time: 1:00 – 5:00 P.M.

Place: New York Academy of Sciences
Main Hall, 2 East 63rd Street
(between Fifth and Madison Aves.)
New York, NY

Visit: www.nyas.org for program details.

Reservations required.



**THE NY-ACS INORGANIC
CHEMISTRY TOPICAL GROUP –
JOINT MEETING WITH THE
INORGANIC CHEMISTRY AND
CATALYTIC SCIENCE SECTION
OF THE NEW YORK ACADEMY
OF SCIENCES**

**Inorganic Chemistry - Seminar & Poster
Session: “Electron Transfer Reactions
of Nucleic Acids on Engineered
Surfaces and in Molten Salts”**

Speaker: Professor H. Holden Thorp
University of North Carolina
Chapel Hill, NC

Poster Session

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in the New York Metropolitan Area.

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submit poster presentation abstracts at:

[http://www.columbia.edu/cu/chemistry/
groups/gibney/index.html](http://www.columbia.edu/cu/chemistry/groups/gibney/index.html)

Organized by Professor Brian Gibney
Columbia University

Date: Friday, April 30, 2004

Times: 2:00 – 5:00 PM

Place: New York Academy of Sciences
2 East 63rd Street
New York, NY

For more information contact the Academy
at (212) 838-0230 or conference@nyas.org
or on the web at www.nyas.org.



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SALUTE TO EXCELLENCE AWARDS

were presented by Dr. Vijaya Korlipara, 2004 Chair of the New York Section, to the following members for their extraordinary service to the New York Section.

Top row: Dr. Yorke Rhodes and Dr. Donald Clarke

Middle row: Mrs. Nadia Makar and Dr. Nancy Tooney

Bottom row: Dr. Neil Jespersen and Mr. Frank Romano



SCENES FROM THE NEW YORK SECTION-WIDE CONFERENCE



(Left) Dr. Ged Parkin received the past chair pin and plaque of recognition for his dedicated service as Chair of the New York Section for 2003.



(Right) Dr. William "Bill" Oliver, Keynote Speaker and Chair of the ACS Committee on Public Relations and Communications, gave an enlightening talk on the public's perception of chemistry.



Joan Laredo-Liddell (left) and Jean Delfiner (right) received a plaque of appreciation for organizing a very successful Teacher Workshop program for the 226th National ACS Meeting in NYC.



Dr. Vijaya Korlipara presented a plaque of appreciation to Dr. Robert Beer for his excellent leadership and extensive work in organizing the hospitality activities of the 226th National ACS Meeting in NYC.



The NY Section recognized Jessica Dobbins of Ardsley High School for her outstanding achievement in the 2003 Chemistry Olympiad — earning a place in the National Olympiad Study Camp in Colorado. From the left: Mr. and Mrs. David Dobbins, Jessica, Dr. Stephen Goldberg (Olympiad Committee Chair), and Dr. Vijaya Korlipara.



The Nichols Foundation Chemistry Teacher Award for 2003 was presented to Josephine Parlagreco (second from left) of Mepham High School by Joan Laredo-Liddell and Jean Delfiner (Chairs of the Nichols Teacher Jury) and Dr. Vijaya Korlipara, 2004 NY Section Chair.

MORE NEW YORK SECTION IN PHOTOS



Dr. Shantu Amin of the American Health Foundation, Cancer Center Institute in Valhalla, NY, received the Westchester Chemical Society's Distinguished Scientist Award for the "Studies of Structure: Activity Relationship in PAHs Tumorigenicity and DNA-Adduct Formation." The award was presented by Joan Laredo-Liddell, co-chair of WCS at a dinner at Pace University in Pleasantville.



Dr. Shantu Amin with (left to right): Dan DeLuca, host; Bernard Koser, past chair; Joan Laredo-Liddell and Jean Delfiner, co-chairs; Rolande Hodel, treasurer.



Dr. John Sharkey of Pace University and Dr. James Bohning of Lehigh University at the grave site of Henry Carrington Bolton, Chemist and Bibliophile, on the 100th anniversary of his death, prior to the presentation on the Life of Henry Bolton for the WCS.



Members of the High School Teachers Topical Group presenting at the STANYS (Science Teachers Association of New York State) Conference in Ellenville, NY. (Left to right): Jean Delfiner, co-chair; Abby Kurnit, Al Delfiner, Joan Laredo-Liddell, co-chair; and Ivi Tamm.



Project SEED students from Union Hill High School join Mrs. Nadia Makar, Chair of the NY Section Project SEED program. The SEED students presented their research results to the attendees of the Conference. They did an excellent job.

Call For Nominations

THE WILLIAM H. NICHOLS MEDAL AWARD FOR 2005



The New York Section is accepting nominations for the William H. Nichols Medal Award for the year 2005. This distinguished award, established in 1902 by Dr. William H.

Nichols, for the purpose of encouraging original research in chemistry, is the first award authorized by the American Chemical Society. It is presented annually in recognition of an outstanding contribution in the field of chemistry, and consists of a gold medal, a bronze replica and \$5000. The medals are presented at the William H. Nichols Meeting that consists of a Distinguished Symposium related to the metallist's field of expertise and a Medal Award dinner.

Investigators who have published a significant and original contribution in any field of chemistry during the five calendar years preceding the presentation meeting are eligible for consideration by the Nichols Medal Jury.

Nomination forms may be obtained from: The American Chemical Society's, New York Section, Inc., Department of Chemistry, St. John's University, 8000 Utopia Parkway, Jamaica, NY11439. The request may be faxed to (516) 883-4003 or e-mailed to njesper1@optonline.net (The New York Section Office). Six copies of the nominating materials and the official nomination form should be sent to the above mail address. **Nominations must be received by May 31, 2004.** The Nichols Medal Award Jury will meet in June to select the Nichols Medalist for 2005

For more information about the William H. Nichols Medal and a list of past recipients please visit the New York Section website at www.NewYorkACS.org.

ACS NEW YORK SECTION'S OUTSTANDING SERVICE AWARD FOR 2004

Each year the New York Section presents an Outstanding Service Award to a very deserving member. Many members of the New York Section provide their time, leadership talent, educational skills and other valuable assets to the New York Section.

The tradition of excellence of the New York Section is directly attributable to the cumulative effect of these individuals. Please help us to recognize the efforts of our colleagues by nominating them for this award. The award will be presented at the New York Section's General Meeting and Section-wide Conference in January 2005.

Nominations with supporting data should be mailed to Professor Yorke E. Rhodes, 1629 Glenwood Road, Route 565, Sussex, NJ 07461 or e-mailed to yr2@nyu.edu

For more information about the award along with a list of former award recipients, please visit the New York Section website at www.NewYorkACS.org.

Nominations should be forwarded to Professor Rhodes **by June 30, 2004.**

Others

CHIRALITY 2004 SYMPOSIUM & EXHIBIT

Premier Meeting on Recent Scientific and Technological Advances Related to All Aspects of Molecular Chirality

The Chirality symposium series has been a leader in exploring new methods, applications and understanding of all aspects of molecular chirality, chiral recognition and discrimination. This symposium will provide the largest and most thorough coverage of all aspects and advances related to chirality, and its impact on science and technology. The special topic of this year's meeting will be Chirality Technology: From Pharmaceuticals to Nanoscale Molecular Materials.

(continued on page 22)

CHIRALITY 2004 SYMPOSIUM & EXHIBIT

(continued from page 21)

Join hundreds of scientists from around the world who will focus on presenting some of the most cutting-edge areas of scientific research, and see how the latest products and technologies are driving the pace of innovation in scientific research. Details posted at www.nyu.edu/chirality.

Session Topics In

Chiral nanotechnology: Materials and devices

Chiroptical spectroscopy and determination
New developments in asymmetric synthesis and catalysis

Fundamental aspects of chirality and enantiomer discrimination

Blockbuster chirality: Development of billion dollar chiral molecules

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Poster Sessions outlining new applications and methodologies

Poster Competition with cash prizes

Seminars providing details on practical laboratory and industrial applications during the meeting

Date: July 11-14, 2004

Place: NYU Kimmel Center
New York, NY

Poster deadline for abstract submissions — **May 3, 2004**. Request the next circular at www.nyu.edu/chirality

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Focused Management - Get what you want, when you want it

Speaker: William E. Swartz, Consultant

Management can be defined as the completion of tasks, major and minor, through the coordinated efforts of others. This discussion will concentrate on the definition of tasks, communication of assignments, and the needed supervision to keep a team concentrated on the tasks assigned.

All too often, people are confused about what is to be done and how the work should be approached. The manager may not even have a clear understanding of what needs to be accomplished to complete an assignment. All of these problems can and must be overcome if a manager is to be successful.

There are always other things to do that may seem more important, more fun, or more rewarding. Projects often get behind schedule or way over budget. A system must be put in place to keep people concentrating on their assignments so that jobs get completed in a timely manner.

William E. Swartz was the Worldwide Director of Technology for Rhone-Poulenc Food Ingredients, where he was also responsible for managing the Applications Laboratories, Technical Service and Regulatory Affairs functions located in Cranbury, NJ, and Washington, PA. He currently has a private consulting practice focusing on Sales, Marketing, and Technology management with special emphasis on commercial development activities for new products and processes, particularly those covered by use or process patents.

Swartz holds a bachelor of science degree in chemical engineering from Bucknell University in Lewisburg, PA., and a bachelor of science degree in industrial management from Carnegie-Mellon University in Pittsburgh.

Date: Tuesday, May 25, 2004.

Time: Networking 6:00 PM

Dinner 6:30PM

Presentation 7:30 PM

Place: Sheffield's Catering
1050 Route 22 West
Mountainside, NJ

Cost: \$40 ACC&CE Members
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REVOLUTIONARY CHEMICAL INSTRUMENT RECEIVES HISTORICAL RECOGNITION

The development of the Beckman pH meter will be designated a National Historic Chemical Landmark in a special ceremony at the California Institute of Technology in Pasadena, Calif., on March 24. The Beckman pH meter - the first commercially successful electronic pH meter - helped revolutionize instrumentation. The American Chemical Society, the world's largest scientific society, sponsors the landmark program.

Charles P. Casey, Ph.D., president of the Society, will present the bronze plaque to David A. Tirrell, Ph.D., chair of the division of chemistry and chemical engineering at the California Institute of Technology. The American Chemical Society established the chemical landmarks program in 1992 to recognize seminal historic events in chemistry and increase public awareness of the contributions of chemistry to society.

In the mid-1930s, Arnold O. Beckman, then an assistant professor of chemistry at Caltech, invented his pH meter to solve a problem confronting the California citrus industry: How to get a rapid and accurate

measure of the acidity of lemon juice. In building the pH meter - with all components housed in one instrument - Beckman's faster and simpler acid and alkaline measuring device revolutionized instrumentation.

Beckman soon discovered there was a market for his pH meter, which he manufactured on the side while he continued his academic career. Strong sales lead Beckman to leave his teaching post in 1939 and devote his full attention to the company that eventually would bear his name.

Beckman Instruments became a leader in manufacturing instruments used in medicine, industry and scientific research. Now called Beckman Coulter, it is a multinational company with offices in 130 countries and sales in excess of two billion dollars.

Later in his long life (he will be 104 in April), Beckman turned to philanthropy. The Arnold and Mabel Beckman Foundation - established in 1977 - has donated more than \$350 million to support scientific research and education. The Foundation provides ongoing research support to five Beckman centers and institutions in the United States.



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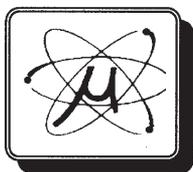


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