



Dr. Michael M. Miller
2008 North Jersey Chair

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THE
Indicator ▶

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EDITORIAL DEADLINES

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| February 2008 | December 14 |
| March | January 15, 2008 |
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| May | March 14 |
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| September | July 14 |
| October | August 15 |
| November | September 15 |
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Address advertising correspondence to Advertising Manager. Other correspondence to the Editor.

November Calendar

NEW YORK SECTION

Thursday, December 6, 2007

Long Island Subsection

See page 8.

Thursday, December 6, 2007

Chemical Marketing & Economics Group

See page 8.

Tuesday, December 11, 2007

Biochemical Topical Group

See page 9.

Friday, December 14, 2007

High School Teachers Topical Group

See page 9.

Friday, December 14, 2007

Hudson-Bergen Chemical Society

See page 10.

NORTH JERSEY SECTION

Tuesday, December 4, 2007

Mass Spectrometry Discussion Group

See page 12.

Deadline for items to be included in the February 2008 issue of *The Indicator* is December 14, 2007.

Education



Department of Chemistry and Biochemistry
Spring 2008 - Graduate Courses
January 9 – May 6, 2008
Registration: January 8, 2008 3 pm – 5:45 pm

Courses and programs leading to the M.S. and Ph.D. degrees are offered on a full or part time basis. Classes meet during the evening or on weekends to accommodate busy working professionals. Non-matriculated students welcome.

| Course Number | Title | Day | Time |
|---------------|-------------------------------------|--------|------------------|
| CHEM 6204 NA | Spectrochemical Methods of Analysis | Tues. | 7:00 PM-8:15 PM |
| | | Thurs. | 8:35 PM-9:50 PM |
| CHEM 6423NA | Computational Chemistry | Tues. | 8:35 PM-9:50 PM |
| | | Thurs. | 7:00 PM-8:15 PM |
| CHEN 7399,NA | Medicinal Chemistry | Mon. | 7:00 PM-10:00 PM |
| CHEM 7512 NA | General Biochemistry II | Wed. | 6:15 PM-8:25PM |

For more information, please visit the Department of Chemistry and Biochemistry website at <http://artsci.shu.edu/chemistry/> or call us at 973-761-9414.

NORTH JERSEY CHAIR'S MESSAGE

My Fellow Members of the ACS,

I am honored to represent you as the 2008 American Chemical Society – North Jersey Section Chair. With the outstanding leadership of those that came before me, our Section has become the most productive and engaged local group in the country with a reported membership of nearly 7000. In fact, the NJ-ACS was recently presented a ChemLuminary Award for its performance by the National Society. On behalf of all of our members, I would like to thank Diane Krone, our past Chair, for her excellent management throughout 2007. I would also like to acknowledge the numerous other volunteers – from Executive Committee Members to Topical Group Leaders – throughout the Section for their dedication and continued involvement.

Over the past several years, I have been fortunate to observe, interact with, and get to personally know many of these individuals and numerous others who have dedicated their time and efforts to the betterment of the field and to the mission of extending and enhancing the human condition through science. My appreciation of the various disciplines and diversity of interests that our Section embodies stems from the opportunities which I have been given through my employment in the pharmaceutical industry, as well as my involvement in the American Chemical Society. These experiences have allowed me to see the very best that our Section has to offer. The commitment that the NJ-ACS has to the advancement of chemistry and the promotion of chemical research through the organization's devotion to its members is a deserving goal and one that is paramount for the overall development of the chemical industry and general chemical education in the area. I continue to be humbled by the efforts of the dozens of core volunteers in our Section that tirelessly and passionately provide opportunities to the overall Section membership in the form of career events, technical meetings, symposia, networking avenues, and awards.

As Chair of the NJ-ACS, my goal is to provide leadership and support for future growth, the advancement of new ideas, and to continue to bring the national spotlight on the activities of the Section. I believe that the success of the field is dependent on capturing the imagination of today's youth and thus attracting bright individuals to the sciences. It is therefore important to continue to promote and expand programs such as Project SEED and National Chemistry Week (NCW), as well create new innovative ways to build alignment throughout the various Topical Groups and seek new avenues of communication with and support from the local pharmaceutical companies and academic universities within the New Jersey area. I hope to continue to leverage the media to highlight the outstanding efforts of our members, thereby drawing attention to the lifesaving work and intellectual pursuit that our combined disciplines are involved in at all levels of our Section. We are truly at a crossroads within our field and through the hard work of our volunteers and partnership with our state and national legislatures we can impact the future development of the chemical community.

The year ahead promises to be an exciting one for our Section. In the Spring of 2008, we will be part of the "Middle Atlantic Regional Meeting" (MARM), while in the Fall, our Section will once again organize and execute the "Chemistry as a Life Symposium," as well as bestow the second "Award for Creativity in Molecular Design and Synthesis." Many on the Executive Committee, together with various Topical Groups, are planning a multidisciplinary "Section Meeting." This will be a collaborative effort that hopes to combine our disciplines in a singular conference centered on innovation in the pharmaceutical sciences. I would encourage each of you to get involved at some level in the local section, and participate in the excellent programs that the numerous Topical Groups organize each year. These subsections vary in scope as they strive to fit each of our specific interests – from Organic Chemistry to Chromatography, from Drug Metabolism to Polymer Sciences, from Minority Affairs to Small Chemical Business. There is something for everyone.

I look forward to working for and with all of you throughout 2008.

Michael M. Miller, Ph.D.
2008 Chair, ACS-North Jersey Section

DECEMBER HISTORICAL EVENTS IN CHEMISTRY

by Leopold May
The Catholic University of America, Washington, DC

December 3, 1900

Richard Kuhn, who was a researcher on the structures and syntheses of vitamins and carotenoids, was born on this day. He was awarded the Nobel Prize in 1938 for his work on carotenoids and vitamins. He refused the Prize in 1938 due to Nazi rules but received the diploma and the medal in 1949.

December 5, 1901

Seventy-five years ago, Werner Heisenberg received the Nobel Prize in Physics for the creation of quantum mechanics. He was a researcher in quantum mechanics and developed the Heisenberg Principle in 1927. He was born on this date.

December 6, 1778

Joseph L. Gay-Lussac, who was born on this date, discovered law of expansion of gases with heat in 1802 and in 1809, the law of combining volumes of gases. He isolated boron and was a researcher on fermentation, prussic acid, and composition of water.

December 8, 1845

Thomas E. Thorpe, a researcher on atomic weights, was born on this date. He also studied the viscosity of liquids and did chemical analyses.

December 9, 1748

Claude L. Berthollet, who was born on this date, analysed ammonia and discovered the bleaching action of chlorine and the composition of prussic acid. He also showed that acids do not need to contain oxygen.

December 11, 1925

Paul Greengard shared the Nobel Prize in Physiology and Medicine in 2000 with Arne Carlsson and Eric Kandel for discoveries concerning signal transduction in the nervous system. He was born on this date.

December 13, 1939

Perkin-Elmer Corp., was incorporated on this date.

December 15, 1852

Antoine H. Becquerel, who discovered radiation (Becquerel Rays) from uranium salts in 1896, was born on this date. In 1903, he shared the Nobel Prize in Chemistry with the Curies in recognition of the extraordinary services he has rendered by his discovery of spontaneous radioactivity.

December 17, 1778

Two hundred years ago on this date, Humphry Davy was born. In 1807, He discovered potassium, sodium in 1807, barium in 1808, and strontium in 1808. He invented Davy mine safety lamp.

December 20, 1890

Jaroslav Heyrovsky, who invented polarographic method of analysis, was born on this date. In 1959, he received the Nobel Prize in Chemistry for his discovery and development of the polarographic methods of analysis.

December 23, 1912

Anna J. Harrison was the first woman president of the ACS in 1978. She also served as president of the American Association for the Advancement of Science, 1983-4 and was born on this date.

December 25, 1642

Sir Isaac Newton, an alchemist as well as a mathematician and physicist, was born on this day. He discovered the laws of gravity and nature of light.

December 28, 1932

Seventy-five years ago Kary B. Mullis was born. He invented the polymerase chain reaction (PCR) method for duplicating DNA. In 1993, he shared the Nobel Prize in Chemistry with Michael Smith for his invention of the polymerase chain reaction (PCR) method.

Additional historical events can be found at the CSW website or Dr. May's website, faculty.cua.edu/may/history.htm.

THIS MONTH IN CHEMICAL HISTORY—I

Harold Goldwhite, California State University, Los Angeles
hgoldwh@calstatela.edu

I am always pleased when I receive a message regarding one of my columns; it reassures me to know that someone out there is reading this stuff! Recently I received not only such a message, but also a gift from reader Willard E. McFarland who lives in North Hills, California. He sent me a copy of a small book "A Laboratory Guide of Industrial Chemistry" by Allen Rogers Ph.D., Instructor in Industrial Chemistry at Pratt Institute in Brooklyn, N.Y. and a member of the ACS, the Society of Chemical Industry, and the American Leather Chemists Association. The book was published by the D. Van Nostrand Company in 1908. I will devote this column to Dr. Allen Rogers, and a forthcoming column to his instructive textbook. Luckily for me Dr. Rogers' career is summarized in the valuable book "American Chemists and Chemical Engineers" which was edited by Wyndham D. Miles Ph.D. and published by the A.C.S. in 1976.

Rogers had both academic and practical industrial chemical training. Born in Maine on May 22, 1876 he attended the University of Maine for his B.S. degree in chemistry which he received in 1897. He was appointed instructor in chemistry at the University of Maine upon graduation and served for 3 years. He then moved to the University of Pennsylvania where he received his Ph.D. in 1902. For two years he was an instructor of organic chemistry there and then was hired as an industrial chemist by the Oakes Manufacturing Co. on Long Island, New York. Rogers clearly learnt a great deal in his two years in industrial chemical practice. When he was hired to teach industrial chemistry (one precursor of chemical engineering) at Pratt Institute he developed and equipped laboratories in which students would get hands-on experience of actual industrial chemical processes. In this he followed the lead of European technical institutes.

Rogers' students, many of whom already had work experience, were mature and were given an experimental program which included miniature versions of such industrial staples as saponification plants, tanneries, aniline dye manufactories, and paint blending plants. In addition to his lectures to these students Rogers also lectured on food chemistry to nutrition students, and dyes and pigments to art students. Rogers' courses also included in-depth instructive visits to chemical plants. Despite a demanding and rigorous curriculum which included only minimal vacation breaks, Rogers' students admired and respected him, and after graduation often called on him as a consultant.

Rogers was an effective writer and published several books. An early text on "Elements of Qualitative Analysis" was followed by the Laboratory Guide referred to above; a second edition of the Guide appeared in 1917. His collaborative text "Industrial Chemistry" became a standard textbook with its first edition in 1912 and its sixth in 1942. An abridgment "Elements of Industrial Chemistry" went through two editions in 1916 and 1926. Rogers' own area of emphasis was leather processing and he published "Practical Tanning" in 1922 and "Manufacture of Leather" in 1929. In World War I he served in the Chemical Warfare Service as a major. He was awarded the Grasselli Medal in 1920 for his work on using fish skins as material for leather.

Rogers died on November 4, 1938 only 62 years old from injuries received in a fall down the steps of the chemical engineering building at Pratt Institute: a sad irony, since chemical engineering was to supplant industrial chemistry as an academic subject.

New York Meetings

www.newyorkacs.org
LONG ISLAND SUBSECTION

HOLIDAY PARTY AND 2008 BOARD ELECTIONS

Case Studies in Forensic Science: the Evidence Tells the Story

Speaker: Peter Diaczuk
Director of Forensic Science Training
Center for Modern Forensic Practice
John Jay College of Criminal Justice, CUNY

Forensic Science is defined as the application of the natural sciences to matters of law. As one of the natural sciences, chemistry plays an important role in the routine of a forensic scientist. Many of the case studies presented will include applications of chemistry in the analysis of physical evidence. By its very nature, physical evidence is often available only in minute amounts; therefore, microchemical analyses will be highlighted. These analyses incorporate traditional chemical tests and principles, but are conducted on a microscope slide and are observed through the magnifying power of the microscope.

Peter Diaczuk is active in several professional organizations, including the New York Microscopical Society (Life member, Fellow and current president), Northeastern Association of Forensic Scientists (Board of Directors), Diplomate of the American Board of Criminalistics, and Full Member of the Criminalistics Section of the American Academy of Forensic Sciences. He has given over 30 presentations on forensic science topics, and conducted 5 workshops on scientific firearm and toolmark examination.

Date: Thursday, December 6, 2007
Time: Board elections at 6:00PM
Followed by seminar and dinner
Place: Nassau Community College
Room CCB-252
Garden City, New York

Contact: Dr. Eugene Brown, (516) 572-7579, Chair, Long Island sub-section, 2007

Directions: www.ncc.edu/About/directions.htm

CHEMICAL MARKETING & ECONOMICS GROUP

Topic/Speaker: To be announced

(Check website for latest info:
<http://www.nyacs-cme.org>)

Date: Thursday, December 6, 2007
Times: Cocktails 11:30 AM
Luncheon 12 noon
Presentation 1:15 PM
Place: The Chemists' Club
40 West 45th Street
New York, NY
Cost: \$40 discount price for Members who reserve by **Tuesday, December 4th** (12 noon).
\$55 for Guests and Members (at the door without reservations).

To reserve: Please reserve early to be eligible for discount price. Call Vista Marketing at (917) 684-1659 or via e-mail to: cmegroup@yahoo.com. You can also pay online (via PayPal): go to our Website: <http://www.nyacs-cme.org/>.

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NY-ACS BIOCHEMICAL TOPICAL GROUP — JOINT MEETING WITH THE NYAS BIOCHEMICAL PHARMACOLOGY DISCUSSION GROUP

Ghrelin Antagonists: A Potential Therapy for Obesity, Diabetes, Behavioral and Eating Disorders

Organizers: John R. Zysk
AstraZeneca Pharmaceuticals
and
Brian J. Murphy
Bristol-Myers Squibb Company

Speakers: Jeff Zigman
University of Texas
Southwestern Medical Center
Michael Thorner
University of Virginia
Matthias Tschoep
University of Cincinnati
Sabrina Diano
Yale University School of Medicine
Roy G. Smith
Baylor College of Medicine

The role of the gut peptide hormone ghrelin as an appetite enhancer and an anabolic regulator, places it as a potential target for the treatment of obesity and other metabolic disorders. Moreover, abnormal levels of ghrelin have been associated with both anorexia and bulimia nervosa. Because emotional changes can affect feeding behavior, ghrelin has also been of recent interest in the area of psychiatric disorders. These potential effects by ghrelin on metabolism and behavior suggest that antagonists of this hormone may provide therapy for several important conditions challenging health care in this and other countries.

Date: Tuesday, December 11, 2007
Time: 1:00 PM – 5:30 PM
Place: New York Academy of Sciences
7 World Trade Center
250 Greenwich Street – 40th Floor
New York, NY

Space is limited. Reserve a seat on-line at: <http://www.nyas.org>

NYAS Members and BPDG Affiliates may attend BPDG meetings free of charge. Non-members may attend for a fee of \$20 per event; Student Non-members for \$10.

To become a Member of the Academy, visit <http://www.nyas.org/landing.html>

HIGH SCHOOL TEACHERS TOPICAL GROUP

The Chemist as Detective in Examining Art and Artifacts

Speaker: Mary Virginia Orna
College of New Rochelle, NY

Dr. Orna is internationally known for her work in chemical education — principle investigator for Chem Source; organizer of a BCCE and many summer outreach workshops for HS teachers. In addition, she is very active in the ACS and is a recognized expert in art conservation and authentication — the Shroud of Turin.

Date: Friday, December 14, 2007
Time: Social and Dinner — 5:45 PM
Place: No reservations required
Caffe Pane e Cioccolato
10 Waverly Place at Mercer Street (South-west corner)
New York, NY
(You eat, you pay cash only, no credit cards.)
Time: Meeting — 7:15 PM
Place: New York University
Silver Center Room 207
32 Waverly Place (South-east corner Washington Sq. East)
New York, NY

Security at NYU requires that you show a picture ID to enter the building. In case of unexpected severe weather, call John Roeder, 212-497-6500, between 9 AM and 2 PM to verify that meeting is still on; 914-961-8882 for other info.

Note: Street parking is free after 6:00 PM. For those who prefer indoor attended parking, it is available at the Melro/Romar Garages. The entrance is on the west side of Broadway just south of 8th Street, directly across from Astor Place. It is a short, easy walk from the garage to the restaurant or meeting room.

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HUDSON-BERGEN CHEMICAL SOCIETY — JOINT MEETING WITH THE CHEMISTRY CLUB OF RAMAPO COLLEGE AND SIGMA XI, THE SCIENTIFIC RESEARCH SOCIETY

Nanotechnology: The Next Big Thing

Speaker: Dr. Ariel Fenster
McGill University

For many, nanotechnology, the engineering of functional systems at the molecular scale (nanometer), is the impetus for the next Industrial Revolution. The technology is already available in a variety of products ranging from stain-resistant textiles to antibacterial bandages. In the future there are visions of molecular motors powering nano-tools, of nano-robots cleaning up clogged arteries and of nano-materials strong and light enough to build an elevator to the moon. On the other side some see nano-technology as a new Frankenstein, bringing havoc on earth. What is fact and what is hype? This lecture describes and assesses the pros and cons of a technology too "small" to ignore.

Ariel Fenster teaches at McGill University, where he is a founding member of the Office for Science and Society, an organization dedicated to disseminating up-to-date information in the areas of food, food issues, medications, and the environment and health topics in general. Dr. Fenster is well known as an outstanding communicator and an exceptional promoter of science with an

extensive program, developed over nearly three decades. Over that period he has given close to 600 lectures and public presentations in English and in French across North America and Overseas. He appears regularly on TV and radio to discuss health, environmental and technology issues and has presented numerous science segments for children's television. Recently he was seen in French on Radio-Canada's popular daily health show "37,5" and in English on the "Discovery" science show "What's that all about?" His contributions to teaching, and to the popularization of science, have been recognized by numerous awards. Among them: the "Award for Excellence in Chemistry Teaching" by the U.S. Chemical Manufacturers Association and the "McNeil Medal for the Public Awareness of Science" from the Royal Society of Canada (inaugural award). Ariel Fenster, who is a native of the wine-growing region of Bergerac, France, holds a Master's degree from the University of Paris and a Ph.D. from McGill University.

Date: Friday, December 14, 2007
Times: Dinner 6:00 PM
Lecture 7:00 PM
Place: Ramapo College of New Jersey
Trustees Pavilion, Room 3
Mahwah, NJ
Cost: Lecture is free and open to all.
Dinner \$20.00 (\$10.00 students)

Reservations required for dinner only. To reserve a seat, please contact Ms. Sherrill Cox at (201) 684-7748 or by e-mail at scox@ramapo.edu by **December 7, 2007**. Please make checks payable to Sigma Xi/Ramapo College.

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40th Middle Atlantic Regional Meeting

Chemistry and Health

May 17-21, 2008

Queensborough Community College
Bayside, NY

Look for the Call for Papers in C&EN
in late November

Visit www.marmacs.org for
registration, abstract submission & more

North Jersey Meetings

<http://www.njacs.org>

NORTH JERSEY EXECUTIVE COMMITTEE MEETING

There will be no December 2007 NoJersey Executive Committee Meeting.



MASS SPECTROMETRY DISCUSSION GROUP

The MSDG season finale will feature lectures from this year's award winners:

(1) New Jersey Regional Award for Achievements in Mass Spectrometry winner, Dr. Mohammed Jemal of Bristol-Myers Squibb: Dr. Jemal is honored for his long, distinguished, and successful career in pharmaceutical analysis, in particular, bioanalysis utilizing LC-MS/MS, which earned him the AAPS (American Association of Pharmaceutical Scientists) Fellowship in 2006. He is a prolific author and contributed significantly to the bioanalysis literature in various fronts of the application of mass spectrometry, including his work on high-throughput LC-MS/MS analysis, ion suppressions, matrix effect, and interferences of metabolites to drug analysis, and often very careful and systematic evaluation of new mass spectrometric technologies to the bioanalysis.



Dr. Mohammed Jemal

(2) New Jersey Early Career Award in Mass Spectrometry winner, Dr. Haiying Zhang, also from Bristol-Myers Squibb: Dr. Zhang is recognized for his pioneer work in inventing and developing an mass defect filter technique that fundamentally changes the

data mining processes for drug metabolism studies using mass spectrometry. This new application is rapidly gaining popularity in its applications to effectively removing endogenous interferences particularly for complex matrices.



Dr. Haiying Zhang

Date: Tuesday, December 4, 2007
Place: Crown Plaza Somerset (formerly Marriott Somerset) Somerset, NJ.

Visit <http://njacs.org/msdg/index.html> for further details of the meeting and to register to attend.

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CHEMISTRY AS A LIFE SCIENCE — SYMPOSIUM XIV

The fourteenth in a series of CAALS biennial symposia.

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Stanford University
Paul Knochel
Ludwig-Maximilians Universität
Alana Shepartz
Yale University
Dirk Trauner
University of California, Berkeley
Justin DuBois
Stanford University
Philip Baran
The Scripps Research Institute

Date: Friday, March 21, 2008

Place: The Paul Robeson Campus Center
Rutgers, The State University
Newark, NJ

Cost: Free and open to the public.

Further information regarding the Symposium will be added to the website for the North Jersey Section of the American Chemical Society as it becomes available. Due to limited seating, advance registration is required. <http://www.njacs.org/caals>.

Organizing committee: V. Lombardo (Lexicon), D. Askin (Merck), R. Kong (PTC Therapeutics), R. Ewing (Chair BMS), J. Kozlowski (Schering-Plough), W. Metz (Sanofi-Aventis), S. Hall (Rutgers), M. Prashad (Novartis), S. Erickson (Roche), P. Zhang (Wyeth).

Education

Graduate Chemistry Courses Spring 2008

585 *Physical Biochemistry (biophysics emphasis)*
Drs. Piotr Piotrowiak & Rich Mendelsohn
Mon 6:00–8:50 pm

575 *Organometallic Chemistry*
Dr. John Sheridan
Tue 6:00–8:50 pm

512 *Special Topics in Organic Chemistry: Organic Synthesis in the Pharmaceutical Industry*
Dr. Sandor Karady
Thur 6:00–8:50 pm

To learn about non-degree or full-time and part-time graduate programs, go to <http://chemistry.rutgers.edu>, or call the graduate secretary at 973-353-5173, or send email to gradchem@newark.rutgers.edu

Classes will be held on Newark Campus of Rutgers.
The Spring 2008 term begins on Tuesday, January 22.

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SCENES FROM THE NORTH JERSEY SECTION



The North Jersey Section together with the Fairleigh Dickinson University Student Affiliates share the joy of chemistry and "Ooblick" with the community at the Westfield Fall Fest Street Fair held on September 29, 2007. There was a huge crowd and a great time was had by all.



John Penna (right), former NJSTA president and chair of the 2007 NJSC Awards and Recognition Dinner, presenting a NoJ Section "Salute to Excellence" to The NJ Science League. Accepting the salute is Bill Spears.



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STATE OF NEW JERSEY
EXECUTIVE DEPARTMENT

Proclamation

WHEREAS, the science of chemistry gives us the power to understand and to use the elemental building blocks of all material things; and

WHEREAS, chemistry provides the fundamental understanding required to deal with many of society's needs, including several that determine our quality of life and our economic strength; and

WHEREAS, chemists and chemical engineers use their expertise to help feed, clothe and house the world's population, tap new energy sources, provide renewable substitutes for dwindling or scarce materials, improve health and conquer disease, strengthen our national security, and monitor and protect our environment; and

WHEREAS, members of the North Jersey Local Section of the American Chemical Society, along with their nearly 200 sister sections in all 50 states, the District of Columbia, and Puerto Rico, have set aside October 21st through 27th, 2007, for a national celebration of the industry's accomplishments;

NOW, THEREFORE, I, JON S. CORZINE, Governor of the State of New Jersey, do hereby recognize

OCTOBER 21 THROUGH 27, 2007
AS
CHEMISTRY WEEK

in the State of New Jersey, and join in recognizing the achievements of our chemists and chemical engineers.

GIVEN, under my hand and the Great Seal of the State of New Jersey, this twenty-first day of October in the year two thousand seven, the two hundred thirty-first year of the Independence of the United States.



GOVERNOR

BY THE GOVERNOR:



NINA MITCHELL WELLS
SECRETARY OF STATE

Call for Nominations

WCS DISTINGUISHED SCIENTIST AWARD 2008

The Westchester Chemical Society is accepting nominations for the "WCS Distinguished Scientist Award 2008". Scientists who live or work in Westchester qualify. Send resume by **January 31, 2008** to Joan Laredo-Liddell, 391 Palmer Road, Yonkers, NY 10701



2008 SISTER MARIAN JOSE SMITH AWARD OF THE NORTH JERSEY SECTION

The biennial award, funded by Roche, consists of \$1,000 prize and a recognition plaque. It recognizes a professor from a degree-granting Institution in the North Jersey Section for inspiring students and launching them on successful careers in chemistry as manifested by their accomplishments.

Please submit nominations and supporting letters to Jiwen Chen, Awards Committee Chair, c/o NJ ACS, 4 Cameron Road, Piscataway, NJ 08854. Tel: (609) 818-6319, email: jchen@njacs.org. (We welcome electronic submission of the nomination package.) Nominations must be received by **February 8, 2008**. Visit <http://www.njacs.org/awards.html> for more information and a list of past recipients.



GOLD MEDAL AWARD: SOCIETY FOR APPLIED SPECTROSCOPY, NEW YORK SECTION

Nominations are being sought for the 2008 Gold Medal Award of the New York Section of the Society for Applied Spectroscopy. This coveted award was established in 1952 to recognize outstanding contributions to the field of Applied Spectroscopy. The Gold Medal will be presented at a special award symposium, arranged in honor of the awardee, at the 2008 Eastern Analytical Symposium. A nominating letter describing the nominee's specific accomplishments should be submitted along with a biographical sketch by **December 31, 2007**. Please send all materials to Dr. C.J. Pommier, 53 Mustang Trail, Somerset, NJ 08873.

Others

NEW JERSEY INSTITUTE OF TECHNOLOGY — OTTO H. YORK DEPARTMENT OF CHEMICAL ENGINEERING

Seminar Series – Fall 2007

December 3

"Kinetic Modeling of Hydrocarbon Processing"

Teh C. Ho

Senior Research Associate

Corporate Strategic Research Laboratories
ExxonMobil Research and Engineering Co.
Annandale, NJ

December 10

"Rimming Flows within a Rotating Horizontal Cylinder and the Drag-Out Problem in Film Coating: Some Recent Results on Two Classical Thin Film Problems"

Andreas Acrivos

Albert Einstein Professor of Science and Engineering, Emeritus
The Levich Institute
City College of CUNY, New York

Times: 2:30 - 4:00 PM

Place: Kupfrian Hall 117



NEW JERSEY INSTITUTE OF TECHNOLOGY — DEPARTMENT OF CHEMISTRY & ENVIRONMENTAL SCIENCE

Seminar Series – Fall 2007

Monday, December 3

"Chemical and Biological Investigations on the MDMA Antagonist, Nantenine"

Dr. Wayne Harding

Medical Chemistry, Department of Chemistry, Hunter College
City University of New York

Time: 11:30 AM

Place: Tiernan Hall, Room 373

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There are several web sites that may help you search for these open positions.

- www.mboservices.net/recr_disp.php
- <http://newyorkacs.org/jobs.html>
- <http://njacs.org/jobs.html>

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