The North Jersey American Chemical Society Organic Topical Group

presents

*Discovery, Selection, and Development of Drug Candidates: A Senior Leadership Perspective*

Friday, November 17, 2006
Somerset Marriott
110 Davidson Ave, Somerset, NJ

See page 11.
November Calendar

NEW YORK SECTION

Friday, November 3, 2006
Hudson-Bergen Chemical Society
See page 15.

Thursday, November 16, 2006
Chemical Marketing & Economics Group
See page 15.

Friday, November 17, 2006
High School Teachers Topical Group
See page 15.

Thursday, November 30, 2006
Alternative Energy Conference
See page 16.

NORTH JERSEY SECTION

Thursday, November 2, 2006
Careers in Transition
See page 8.

Wednesday, November 8, 2006
Mass Spectrometry Discussion Group
See page 8.

Monday, November 13, 2006
Chromatography Group
See page 9.

Monday, November 13, 2006
Teacher Affiliates Executive Committee
See page 9.

Thursday, November 16, 2006
NJU Group of Small Chemical Businesses
See page 10.

Thursday, November 16, 2006
Chromatography Group at EAS
See page 10.

Friday, November 17, 2006
Organic Topical Group
See page 11.

Monday, November 27, 2006
NJU Executive Committee
See page 8.

Thursday, November 30, 2006
2006 Cecil L. Brown Lecture
See page 12.

Deadline for items to
be included in
the January 2007 issue
of The Indicator is
November 14, 2006.

SCIENCE ON THE HILL: CHEMISTS WHO HAVE SERVED IN THE CONGRESS

By Kevin Olsen

At the time that this issue of The Indicator goes to press, the November election for the 110th congress will still be several weeks away. By all accounts this is going to be a major political event with all 435 of the house seats contested and 33 of the 100 Senate seats contested.

For chemists there is much at stake in the election. Congress not determines the levels of funding for research but sets the overall direction of science policies whether we like it or not. The size and stability of the pharmaceutical, energy, agricultural, food, and environmental industries is also at issue.

Contrary to popular mythology, the congress is not comprised primarily of lawyers, over time the proportion of lawyers averages around 45%. According to Johns Hopkins University, the other large groups represented are, business 13.6 %, public service 9.9%, and education 7.4%. Physicians were tied for ninth place, behind professionals from military, banking/insurance, and media or entertainment backgrounds. There are less than half a dozen economists in the congress.

This might be a good time to pause and examine the careers of some of the chemists who have been elected to congress. Most of the chemists have either been educators or came from the management side of chemical enterprises. Chemists elected to the highest political offices are somewhat rare. The notable exception to this trend is Margaret Thatcher who served as a Conservative member of the British Parliament and later rose to Prime Minister. There has yet to be a comparable American scientist turned politician although President Herbert Hoover was a mining engineer and Ulysses S. Grant once expressed an interest in becoming a mathematic professor. Dwight Eisenhower took several engineering and sciences classes while at West Point but never declared a formal major.

A partial list of chemists who have served in the congress follows. Until quite recently most of the chemists have served comparatively short terms. Some of them have earned law degrees in addition to their scientific training and just about ever person on this list has served on committees or commissions whose purpose is not specifically scientific.


Mitchill is the only person on this list to have served in both the House of Representatives and the Senate. He was born in Hempstead, Long Island but traveled abroad for his education. At the University of Edinburgh, Scotland, he pursued classical studies and studied medicine. He graduated in 1786, returned to the United States, studied law, and was admitted to the bar. In 1788 Mitchill served on a commission to purchase the lands of the Iroquois Indians in western New York. He went on to serve as a member of the State Assembly.

From 1798 to 1801 he was professor of chemistry, botany, and natural history in Columbia College. He was one of the founders of the State Society for the Promotion of Agriculture and editor of the New York Medical Repository.

Mitchill served in the Seventh, Eighth, and Ninth Congresses from 1801 to 1804. He then served in the Senate from 1804 to 1809, returning to the House in the Eleventh and Twelfth Congresses. (1810 13)

Mitchill continued to pursue both medicine and natural sciences after leaving congress. He was surgeon general of the State militia, founder and president of the Lyceum of Natural History of New York City, and professor of chemistry and natural history in the New York College of Physicians and Surgeons from 1808 to 1830. He taught botany and pharmacology from 1820 to 1826. He was one of the founders and vice president of Rutgers Medical School.


Hill was born in Orange County, New York. He graduated from Brown University in Providence, R.I., in 1856. He remained at Brown from 1856 to 1864 first as an instructor and later as a professor of chemistry.

Hill traveled to Colorado in the spring of 1865 to investigate mineral resources and then went to

McCormack's freshman term was notable as he was the only house member with a degree in Science. He soon was recognized as an expert on energy matters. He was a member of the House Science and Technology Committee and chairman of the Subcommittee on Energy Research and Production. McCormack was involved in legislation that encompassed solar energy, electric cars, and fusion power. McCormack was also involved in the unsuccessful attempt to pass legislation converting the United States to the Metric system.

He lost his seat in the 1980 "Reagan landslide" but remained active in Washington DC. He was a member of the Space Telescope Institute Council.

Returning to Washington State, McCormack founded the Institute for Science and Society, which promotes Science Literacy among 12 tribes.


Huber attended the University of Detroit from 1935 to 1937 but graduated from Culver Military Academy in 1939 with a B.S. degree. He went on to Yale University’s Sheffield Scientific School before serving in the Army from 1943 to 1946.

Huber was mayor of Troy, Michigan from 1959 to 1964. He was also a member of the state senate and candidate for US Senate. Huber was president of Michigan Chrome and Chemical Inc.

John W. Olver (1936- ) Democrat, US Representative from Massachusetts 1st District, 1991-.

Olver was born in Honesdale, Pennsylvania, in 1936. He grew up on a farm with his brother and sister. He earned his B.A. from Rensselaer Polytechnic Institute, his M.A. from Tufts University, and his Ph.D. in chemistry from the Massachusetts Institute of Technology.

Olver was a chemistry professor at the University of Massachusetts at Amherst. His research areas were analytical and electrochemistry. In 1969 he was elected to the Massachusetts State House. He served in the state senate from 1973 to 1991. In June of that year he was sworn in to the U.S. House of Representatives to complete the term of the late Rep. Silvio O. Conte. He is currently serving on the House Appropriations Committee and the Appropriation’s sub-committee on Transportation. In 2005 he was named to the Environment and Related Agencies Appropriations Subcommittee.

Ed Lopez Pastor (1943-) Democrat, US Representative from Arizona 4th District, 1991-

Like Olver, Pastor is a former educator. He was born in the mining community of Claypool in Gila County, Arizona. Pastor received a scholarship to attend Arizona State University where he in 1966, he earned a B.A. degree in chemistry. He became a high school chemistry teacher at North High School in Phoenix.

Pastor left teaching in 1969 for a career in public service. He was the deputy director for Guadalupe Organization which seeks to improve education for the Indo-Latino youth of Guadalupe, Arizona. From there he served an internship at the Council for Better and Equal Business Opportunities in Washington, D.C.

Pastor returned to Arizona State University to study law and was awarded J.D. in 1974. Pastor was hired as an aide by Arizona’s first Hispanic Governor, Raúl Castro. In 1976 he was elected to the first of three terms on Maricopa County Board of Supervisors. In 1991 he ran for the vacant seat caused by the resignation of Representative Morris K. Udall. Pastor has served on the Appropriations subcommittees for Agriculture, Rural Development, Food and Drug Administration and Related Agencies as well as Energy and Water Development. The Congressional Hispanic Caucus elected Pastor as its Chairman during the 104th Congress. He is currently on the Agriculture Committee, and on the Committee on House Oversight.

The author wishes to thank Mary Baumann of the U.S. Senate Historical Office for her help with this article. There are a number of excellent web resources about the US Congress including the House and Senate web sites. Another excellent resource for political biographies of all ranks and parties is the Political Graveyard. However the researcher is cautioned that only deceased persons are listed on the site.

http://politicalgraveyard.com
Dinner at the Section Meeting is payable at the door. However, if you are not able to attend and did not cancel your reservation, you are responsible for the price of your dinner.

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, November 2, 2006, 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.

MASS SPECTROMETRY DISCUSSION GROUP
Dr. Guodong Chen
Schering-Plough Research Institute
NJ ACS MSDG Early Career Awardee
Professor Brian T. Chait
Rockefeller University
NJ ACS MSDG Distinguished Contribution in MS Awardee

Date: Wednesday, November 8, 2006
Times: Social Hour 5:00 - 6:00 PM
Dinner 6:00 - 7:00 PM
NJACS-MSDG Announcements and Technical Presentations
7:00 - 9:00 PM
Place: Somerset Marriott
110 Davidson Avenue
Somerset, NJ

Please register on-line at www.njacs.org/ms. No admission charge.
Tackling Difficult HPLC Problems with Alternative Detectors
Dr. Anne Kelly
Bristol-Myers Squibb
"Applications of Charged Aerosol Detection in Pharmaceutical Development"
Dr. Peter Tattersall
Bristol-Myers Squibb
"The Application of HPLC Chemiluminescence Nitrogen Detector in Pharmaceutical Analysis"
Dr. Ehab Ibrahim
Sandoz of Novartis
"GPC in Pre-formulation by RI and Big Molecules by UV"
Dr. Bart Emary
Merck Research Laboratories
"Characterization of Reactive Drug Metabolites and Other Analytical Applications in Drug Discovery Using a HPLC/Porous Flow-Through Electrode/Mass Spectrometer"
Charles Phoebre
Waters Corporation
"Choosing Detectors and Combination of Detectors for Maximizing Information from UPLC Separations"
Date: Thursday, November 16, 2006
Time: 9:30 AM to 12:00 Noon
Place: Double Tree Hotel.

North Jersey American Chemical Society
Organic Topical Group
Presents
Discovery, Selection, and Development of Drug Candidates: A Senior Leadership Perspective
Friday, November 17, 2006

Dr. Roy Vagelos (Retired Chairman and CEO, Merck & Co., Inc.)
"The Changing Pharmaceutical Industry"
Dr. Carl Deciccio (Bristol-Myers Squibb)
"Innovation in Drug Discovery"
Dr. Paul Feldman (GlaxoSmithKline)
"New Treatments for Type 2 Diabetes: GlaxoSmithKline’s DPP4 Inhibitor and PPAR Pan agonist"
Dr. Malcolm MacCoss (Merck & Co.)
"EMEND® (Aprepitant) a potent, orally active Substance P Antagonist for the treatment of Chemotherapy Induced Nausea and Vomiting (CINV), from the medicinal chemistry bench to the clinic."
Dr. Bruce Roth (Pfizer)
"The Discovery and Development of Liptor"

Registration will begin at 12:00, the symposium at 1:00, reception at 5:30, dinner at 6:30. Please note that Dr. Roy Vagelos’ talk will be at 7:30 pm.
Location: Somerset Marriott, 110 Davidson Ave., Somerset, NJ 08873
For directions, information and further details please visit our website: www.njacs.org/organic.html

Michael M. Miller, (Chair), Bristol-Myers Squibb
Amjad Ali, Merck
Ann Garlomini, (Secretary), Sanofi-Aventis
Jianshe Kong, (Treasurer), Schering-Plough
Lawrence Williams, Rutgers University

Due to limited seating, registration and payment are required by November 1, 2006.
Registration fee: Symposium, Reception, and Dinner $95.00
Students or Post-docs: Symposium, Reception, and Dinner $75.00
Please check one: Symposium, Reception, and Dinner ($95) ___ Student Discount ($75) ___
Dinner selection: Filet of Salmon ___ Pasta ___ Roast Prime Rib ___
Check if you are a student or post-doc: ___
Name ____________________________ Affiliation____________________________
Address ____________________________ E-mail ______________________________

Dr. Lawrence Williams, Chair
Dr. Ann Garlomini, Secretary
Dr. Jianshe Kong, Treasurer

To register this is for the November 17, 2006 event only:
Send above registration information with a check made payable to “North Jersey Section ACS” to:
Dr. Jianshe Kong, Schering-Plough Research Institute, 2015 Galloping Hill Rd.,
Mail Drop K-13-2-2800, Kenilworth, NJ 07033 • E-mail: jianshe.kong@spcorp.com
2006 CECIL L. BROWN LECTURE

The New Brunswick Department of Chemistry and Chemical Biology at Rutgers, The State University of New Jersey, will host the 2006 Cecil L. Brown Lecture sponsored by the North Jersey Section of the ACS.

Stretching Infrared Spectroscopy: Pinpoints Fluctuations of Proteins and Peptides

Lecture: Prof. Robin M. Hochstrasser

CHEM LUMINARY AWARDS AT ACS SAN FRANCISCO MEETING

North Jersey wins “Outstanding Local Section Career Program Award.”

North Jersey also won “ACS Student Affiliates Chapter Interaction Award.”

PROJECT SEED

North Jersey high school students show that you don’t need to be a rocket scientist to be a chemist

By Stephen Waller

PISCATAWAY, NJ – Here is the toughest question for high school students, “What are you going to do after you graduate?” That question is even more difficult for students in economically disadvantaged school districts. Many times, they do not see themselves aspiring to a fruitful career in chemistry, even when they live in a geographical area of the country that boasts chemistry laboratories from nearly every major pharmaceutical company in the world. Additionally, numerous opportunities exist for chemistry careers in local perfume companies, nanotechnology companies, environmental labs, forensic labs, and universities.

Over the past ten years, the tide has been changing in North Jersey to lift up the chemistry career expectations of hundreds of high school students involved in the American Chemical Society Project SEED (Summer Educational Experience for the Economically Disadvantaged) program. This year alone, Susan Fahrenholtz and Allene Johnson, both from the North Jersey Section of the American Chemical Society, have been responsible for the placement of more than 100 high school students in industrial and academic chemistry laboratories to conduct summer research. As volunteers in a not-for-profit organization, they have accomplished what seems to be impossible with individual, corporate, and institutional financial support.

“Project SEED has changed the lives of more than 500 high school students, who did not previously envision themselves being successful in science,” stated Mrs. Susan Fahrenholtz, Project SEED Director for North Jersey. “Every year, we have been lucky to be able to support summer research experiences for more students thanks to the time donated by great volunteer mentors and the money donated by local corporations and institutions.”

The students represent 19 high schools in North Jersey. Most of the students are just completing their junior year, with only a minimal background in chemistry. Still, dozens of volunteer mentors put in eight full weeks of their personal time during the summer to help these students gain real-life experiences in chemistry research laboratories.

“I have really enjoyed participating as a mentor for the Project SEED program,” said Professor John Sowa, from Seton Hall University in South Orange, NJ. “The students are very motivated, and this has led to productive research experiences for both the students and me. The key to this success is in the project design. One successful project used microwave ovens. Although these are normally used for cooking, the student, Megha Kandhari (Emerson High School, Union City, NJ) was enthusiastic about learning how these can be used for doing chemistry. This project resulted in a journal publication for the student, and she also won a $5000 scholarship from the American Chemical Society for her first year in college. Overall, the benefit of the SEED experience is highest for the students as they are able to learn about chemistry and experience the challenge of research.”

Students, like Mr. Ledawn Quadrick Hall from East Orange High School have found this experience very positive for their career visions. “I really enjoyed my summer working in Project SEED,” said Mr. Hall. “It gave me insight into higher education and what working in a real science environment is like.”

All of the students involved in the Project SEED program receive counseling to learn how to get accepted into college and how to apply for tuition grants and loans. More than 90% of them have gone on to college, and a majority continue their involvement in science. After college, these students have found employment as high school teachers and researchers in major pharmaceutical and health care companies.

Some even achieve more advanced degrees, like Mr. Paulo Lizano from Union City, NJ, who received his Bachelor’s degree in Biochemistry after his involvement in Project SEED. Mr. Lizano is currently starting the M.D.-Ph.D program at the University of Medicine and Dentistry of New Jersey. He stated, “Being Hispanic and growing up in a low income household made it difficult to even think about going to college. [Project SEED] helped me see that I could succeed in college and go on to a career in science.”

After completing their summer research, over 100 high school students in the program participated in the annual poster contest at Seton Hall University on September 25, 2006. There, they got to tell everyone (continued on page 14)
SATISFACTION SURVEY
RECENT ACS MEMBER

The recent ACS member satisfaction survey of 3,542 members, chosen at random, was conducted to help the departments in the ACS national office in Washington, DC, conduct a variety of surveys of its members. These surveys help the departments in the ACS better understand its members. Recently, a member satisfaction survey of 3,542 members, chosen at random, was conducted to determine what services are most used and appreciated nationally and locally. A summary of the results for local sections is available on the North Jersey Section web page. Click on the “Membership Survey” link on www.njacs.org.

As 2006 chair of the North Jersey Section, I am using this information to help direct our efforts to serve best our members. Here is an example statement from this summary…

“Analysis by degree level shows that members with bachelor’s degrees are the least likely to have attended local section activities/programs (27.2%) but the most likely to report that they might be interested (41.4%).”

What are your ideas for new programming in our section that would be of benefit to our members with bachelor’s degrees?

As the end of 2006 is near, the section’s program planning committee is working on the details for next year’s events, and all ideas for useful events are welcome. Please send me an email (waller@njacs.org) with your ideas and ask for details on how to attend our section’s program planning committee meeting on November 4, 2006.

GATEWAY CHEMICAL TECHNOLOGY

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NEW YORK MEETINGS

www.newyorkacs.org

HUDSON-BERGEN CHEMICAL SOCIETY and THE SCHOOL OF NATURAL SCIENCES OF FAIRLEIGH DICKINSON UNIVERSITY

 Invite you to a panel discussion about

Non-Traditional Careers for Chemists

There is more open to chemists and scientists than a lab bench or a career in teaching. Panelists who started in chemistry and changed to alternate but related careers will talk about their career paths: working at the frontier between chemistry and business, in patent law, marketing and advertising, being a product strategy manager, consulting for start-up companies. Come to listen, find out how to get there, mingle, network, and talk with the panelists during the pizza social.

Date: Friday, November 3, 2006
Time: Registration and coffee 5:00 PM
Panel Discussion 5:30 PM
Pizza social 6:30 PM
Place: Dickinson Hall, Room 4468
Fairleigh Dickinson University
Teaneck, NJ
Cost: Panel discussion is free. The dinner cost is $10 and $5 for students.
Reservations: Dr. Mihaela Leonida (201) 692-2338, e-mail: mleonida@fdu.edu by October 30, 2006.

CHEMICAL MARKETING & ECONOMICS GROUP (CM&E)

The Future of Natural Gas

Speaker: Andrew Weissman
Senior Managing Director
FTI Consulting, Inc.
Washington, DC

Date: Thursday, November 16, 2006
[Note change from first Thursday]
Time: Luncheon 12:00 noon
Presentation 1:15 PM
Place: The Chemists’ Club
40 West 45th Street
New York, NY

Fees: $40 discount price for Members who reserve by Tuesday, November 14th before the meeting (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 (718) 961-8658 or via e-mail to: cmegroup@yahoo.com. You can also pay online (via PayPal) go to our Website: http://www.nyacs-cme.org/

HIGH SCHOOL TEACHERS TOPICAL GROUP

Energy Plans for the 21st Century

Speaker: Dr. John L. Roeder
Calfoun School
New York, NY

Date: Friday, November 17, 2006
Time: Social and Dinner 5:45 PM
Place: Caffe Pane e Ciaccolati
10 Waverly Place at Mercer Street
New York, NY
No reservations required
(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 Metro/Roman 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.
ALTERTATIVE ENERGY CONFERENCE: BEYOND $50 PETROLEUM
Sponsored by the Metro New York Section of the American Institute of Chemical Engineers, the CM&E, and the New York Academy of Sciences.

A full-day conference with informative tutorials, case histories, exhibits, and a technical panel discussion.

Program
Learn at the Tutorials. Hear how companies have overcome challenges in the Case Histories session. Visit Exhibitors and get your questions answered. Get the realities of the alternative energy future from the afternoon’s moderated Panel Discussion with project leaders.

• Program, as of Wednesday, September 6th •

8:00 - 9:00 AM REGISTRATION & COFFEE

9:00 - 10:30 AM TUTORIAL SESSIONS
Session Chair: Dr. Marco J. Castaldi, Earth & Environmental Engineering Dept., Columbia Univ., New York, NY.
Tutorials: may be presented on the following technologies—waste to energy; fuel cells; biofuels; mechanical energy conversion (wind/didal power); and solar energy (photovoltaics).

Waste to Energy: Dr. Stephen Paul, Senior Research Physicist, Princeton University, Princeton, NJ and Principal, Trenton Fuel Works, Trenton, NJ
Biofuels: Dr. Devinder Mahajan, Group Leader, Advanced Fuels, Brookhaven National Laboratory, Upton, NY

10:30 - 10:40 AM MORNING BREAK

10:40 AM - 12:10 PM CASE HISTORIES
(True Stories of small businesses)
Session Chair: Ms. Gianna Arnold, Esq., Miles & Stockbridge, PC, Columbia, MD

12:10 - 2:00 PM LUNCH BREAK
Time to Visit Exhibitors

2:00 - 4:00 PM PANEL DISCUSSION
Session Chair: Dr. Herbert W. Cooper, President, Dynalytics Corp., Hicksville, NY
Panel Members: will include representatives from the necessary entities to realize a successful project: an owner willing to take technical and financial risks; a credible technology licensor; a credible engineering contractor; financing from either investors or lenders; permitting organizations, such as a state regulatory body, and community or political support groups.

3:00 - 3:10 PM AFTERNOON BREAK

4:00 - 5:00 PM RECEPTION
Time to Visit Exhibitors

Date: Thursday, November 30, 2006
Time: 9:00 AM - 5:00 PM
Place: 7 World Trade Center
250 Greenwich Street (40th Floor)
New York, NY
Cost: for those registering after 10/1/06
$100 for members of sponsoring organizations; $125 for others.

Exhibitor booths — $500 for corporations; $250 for non-profits.
Details at: www.nyas.org/alternativeenergy.
Questions: 718-961-8558.

Founding Co-Sponsors:
• AIChe, Metro NY Section
• ACS Chemical Marketing & Economics Group, NY Section
• NYAS, New York Academy of Sciences.

BIOCHEMICAL TOPICAL GROUP — JOINT MEETING WITH THE NYAS BIOCHEMICAL PHARMACOLOGY DISCUSSION GROUP
Multiple Targets for Alzheimer’s Disease: Gamma-Secretase and Tau
Organizers: Donna Barten
Bristol-Myers Squibb
Barbara Petrack
Drew University, and
Barbara Tate
Pfizer GR&D

Speakers: Mark Shearman
Merck Research Laboratories
Thomas Lanz
Pfizer GR&D
Michael Wolfe
Brigham & Women’s Hospital
David Holtzman
Washington University
Frank LaFerla
University of California, Irvine

(continued on page 18)
Call For Nominations

2007 BAEKELAND AWARD

The North Jersey Section of the American Chemical Society is soliciting nominations for the 2007 Leo Hendrik Baekeland Award. The award is sponsored by Union Carbide Corporation and consists of a gold medal and a $5,000 honorarium. The Section presents the award biannually to commemorate the technical and industrial achievements of Leo Hendrik Baekeland and to encourage younger chemists to emulate his example. The award is given in recognition of accomplishments in pure or applied chemistry to an American chemist as characterized by the initiative, creativeness, leadership, and perseverance of the individual (indicated by published or unpublished evidence) and who will be under the age of 40 as of Jan. 1, 2006.

Nominations for the Award should include a letter describing the nominee’s achievements, a brief biography, and a list of the nominee’s more important publications. Re-nominations are encouraged, provided the age requirement is still met. Please submit materials by Dec. 31, 2006, to Ambarish K. Singh, Baekeland Award Committee, Bristol-Myers Squibb Company, 1 Squibb Drive, New Brunswick, NJ 08903-0191.

2007 LIFE ACHIEVEMENT AWARD OF THE NORTH JERSEY SECTION

The biennial award, funded by Novartis, consists of $1,000 prize and a plaque. It recognizes a North Jersey chemist or chemist who will be under the age of 40 as of Jan. 1, 2006. Nominations for the Award should include a letter describing the nominee’s achievements, a brief biography, and a list of the nominee’s more important publications. Re-nominations are encouraged, provided the age requirement is still met. Please submit nominations by Dec. 31, 2006, to Ambarish K. Singh, Baekeland Award Committee, Bristol-Myers Squibb Company, 1 Squibb Drive, New Brunswick, NJ 08903-0191.

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

Seminar Series - Fall 2006

Nov. 1, 2006
11:30 AM – 1:00 PM
Tiernan Hall Rm. 373
"RNA Polymerase as a Target in Drug Discovery"
Dr. Ailan Guo
Public Health Research Institute
Newark, NJ

Nov. 8, 2006
11:30 AM – 1:00 PM
Tiernan Hall Rm. 373
"Integrated Watershed Management: Theory, Policy and Practice"
Dr. Zeyuan Oiu
New Jersey Institute of Technology
Newark, NJ

Nov. 14, 2006
11:30 AM – 1:00 PM
Tiernan Hall Rm. 373
"TBA"
Dr. Allan Guo
Hoffmann-La Roche
Nutley, NJ

Nov. 29, 2006
11:30 AM – 1:00 PM
Tiernan Hall Rm. 373
"Regional Analyses of the Clean Air Act: Costs, Benefits and Risks"
Mr. Keith Silverman
Merk & Company, Inc.

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LABORATORY ROBOTICS
(continued from page 19)
This is the largest meeting of the year with 400 to 600 bench scientists and automation professionals attending. Vendors display the latest and greatest in advanced laboratory technologies. A night of exciting science and great food, all free!
September 2007: ADME / TOX.
At least 90% of all compounds entering the pharmaceutical pipeline drop out because they are toxic, or fail to be absorbed by the body. The ADME / TOX technologies can help screen out unsuited compounds and insure a higher success rate for drug leads.

*Please note: The student poster contest insures a higher success rate for drug leads.

GOVERNANCE REPORT FROM SAN FRANCISCO ACS NATIONAL MEETING
By Stephen Waller
As 2006 chair of the North Jersey Section, I am proud of those involved in our governance locally and nationally. We have numerous dedicated volunteers who run section and national programs that benefit chemists and the chemical profession. Some of these volunteers are councilors, who are elected by the members to represent them in the national governance of the ACS. For our section, 15 councilors attend the ACS national meeting and served on national committees. When a councilor cannot attend a national meeting, one of 15 alternate councilors replaces that councilor for that meeting.

Here is a summary of the reports provided to me from the councilors who represented your interests at the ACS National Meeting in September in San Francisco.

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GOVERNANCE REPORT

(continued from page 21)

ing organizers. She also participated in Division of Chemical Education events, working to increase high school teacher membership in the ACS. The division presented a 1-day symposium “Inquiring Minds,” which was focused on high school education, and they are actively seeking more high school teachers to join the division’s executive committee. Bethann also attended a pilot version of the ACS leadership workshop “Encouraging Volunteers.” This workshop is in the design stage, and will be used as part of an entire leadership program that will be useful for new ACS leaders as well as more experienced leaders. It will also help ACS volunteers be more effective leaders in their professional jobs.

Anne Kelly interacted with job seekers at the Chemjobs Career Center. She reported that the free job seeker – employer networking luncheon was a great idea and worked well. She also participated in the District III councilor’s caucus during the meeting and attended a variety of technical sessions.

Diane Kone, our section’s chair-elect, attended the Regional Meeting Program breakfast and numerous chemical education events at the meeting. She reported that the ACS is providing new funding for green chemistry programs and for a Committee on Professional Training workshop with Hispanic and Native American serving institutions.

Valerie Kuok attended the Council Policy Committee as a member. She also participated in the Town Hall Meeting. At the full council meeting, she participated in the discussion of how to better involve younger chemists in the ACS. She spent every free minute helping job seekers at the Chemjobs Career Center, even when she was exhausted. She conducted numerous workshop, workshops, and provided professional career counseling as an ACS Career Consultant. She reported that this is the first meeting where the career workshops were being videotaped, and these videos will be made available to local sections to increase the career assistance for all ACS members. At the ChemLuminary Awards, she received the Local Section Careers Program Award on behalf of our section.

Les McQuire spent his Saturday afternoon in San Francisco participating in an ACS community outreach program at a food pantry. He attended the Local Section Activities Committee as a member and chaired the Local Section Alliances sub-committee. For his dedicated service to this committee, he was presented with a service award. He also contributed to a new local section PR video. He attended the “Heroes of Chemistry” event sponsored by the ACS Corporate Associates (CA), on which he chaired the Programs sub-committee at this meeting. He reported that CA is increasing its efforts to collaborate with divisions on relevant programming at national meetings and predicts the CA-Medicinal Chemistry “Heroes” event will be the biggest technical event at the Boston ACS National Meeting next year. He attended the Council Policy Committee and was elected by the full council at this meeting to serve on the Committee on Committees.

Bill Suits represented the section members at the ChemLuminary Awards, accepting the award for Local Section – Student Affiliate Interaction. He attended the Committee on Budget and Finance, Science, Meetings and Expositions as a member, for the Committee on Public Relations and Communications as an associate member, and the Committee on Professional and Member Relations as a liaison. He was actively involved in national meeting thematic programming discussions, and reported that this effort will increase multidisciplinary teamwork at future national meetings. He spent countless hours volunteering at the Chemjobs Career Center, where he reviewed resumes for members and provided professional career advice as an ACS Career Consultant. He pointed out that there has been a shift in ACS career services from just helping members find jobs to helping them with career development. He also reported that the Polymers and the Biochemical Technology Divisions videotaped some of their sessions, and these will be available for viewing on the division web pages, which are accessible through the division link on chemistry.org.

Stephen Walther attended the Committee for Economic and Professional Affairs as a member, the sub-committee on Employment Services as a member, and the Committee on Meetings and Expositions as a liaison. He reported that the Chemjobs Career Center had a decrease in job seekers and an increase in employers for the second meeting in a row. Employers now have the ability to track the candidates for the internships and positions for the final national meeting total attendance was 15,603 with a record of 9,867 papers presented. He also chaired the District III councilor’s caucus. He attended the Regional Meeting Programming breakfast, where he distributed CD-ROM disks containing useful files from MARC 2006 that can be used for any future regional meetings. He participated in the leadership training workshops, and assisted in presentation of one workshop. These workshops are in the pilot stages. A total of 16 workshops will cover every area of leadership development for new leaders to experienced leaders. They are slated for full use in 2008, and they will be available for volunteer leaders for free with web access as well as faceto-face events.

Christine Vilardi, George Heinze, and Allene Schwoebel attended the Council Policy Committee and was elected by the full council at this meeting to serve on the Committee on Committees.
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