

THE Indicator

MAY 2009

Vol. 90 • No. 5

ISSN0019-6924



Dr. Waleed Danho
NoJ ACS Lifetime Achievement Awardee
See pages 7-8.

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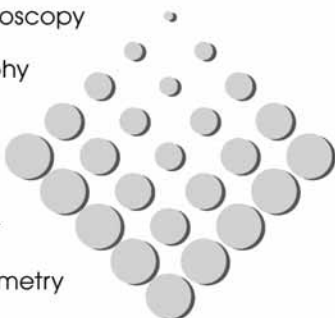
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THE Indicator

CIRCULATION: 10,500

The monthly newsletter of the New York & North Jersey Sections of the American Chemical Society. Published jointly by the two sections.

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The Indicator (ISSN0019-6924) is published monthly except July and August by the New York and North Jersey Sections of the American Chemical Society, Office of Publication 1 Milbark Court West, Homosassa, FL 34446. **Periodicals Postage Paid at Homosassa, Florida and at additional mailing offices.**

POSTMASTER: Send address changes to American Chemical Society, Department of Member and Subscriber Services, *THE INDICATOR*, P.O. Box 3337, Columbus, OH 43210, or e-mail: service@acs.org.

All views expressed are those of the editor and contributors and do not necessarily represent the official position of the New York and North Jersey Sections of the American Chemical Society unless so stated. **Subscription price included in dues paid by New York and North Jersey Section members. Subscription price to non-members of either Section \$20.00 per year. To subscribe, make checks payable to *The Indicator* and mail to the Manager/Editor (see top of left column on this page).**

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

May Calendar

NEW YORK SECTION

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Thursday, May 7, 2009

Chemical Marketing & Economics Group
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Thursday, May 21, 2009

Long Island Subsection - Sterrett
Symposium
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Tuesday, May 26, 2009

NY Biochemical Topical Group
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***The Indicator* is posted to
the web on the 15th of
the previous month at
www.TheIndicator.org**

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Careers in Transition
See page 9.

Monday, May 11, 2009

Teacher Affiliates Executive Committee
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Polymer Topical Group
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Thursday, May 28, 2009

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**Deadline for items to be included in the
September 2009 issue of *The Indicator*
is July 15, 2009.**

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THIS MONTH IN CHEMICAL HISTORY

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

April, like most months, is rich in anniversaries of scientists who made major contributions to chemical sciences. Among them are James Watson, Robert Woodward, Carl Lindemann, and Glen Seaborg. But I choose to discuss the career of a great physicist whose work made such an impact on our science that it changed the thinking and work of every chemist who followed him. I refer to Max Karl Ernst Ludvig Planck, born in Kiel, Germany, on April 23 (a birthday he shares with Shakespeare), 1858.

The Planck family had, in common with the family of J. Clerk Maxwell, a long history of public service as lawyers, scholars, and clergymen. Planck's father was a professor of law. The family moved from Kiel to the independent state of Bavaria when Max was 9 years old. He attended the Maximilian Gymnasium in Munich, where he chose an emphasis on physics over music (he remained an excellent pianist all his life), perhaps through the influence of his physics teacher H. Muller. His experience for his first 3 years at the University of Munich was less inspiring, and he transferred to Berlin, where he encountered two distinguished physicists as teachers. Kirchhoff, the collaborator of Bunsen in spectral analysis, apparently delivered his polished lectures in such a manner as to put many in his audience to sleep. Helmholtz, the great expert on electrical and optical phenomena, was often unprepared and difficult to follow.

Planck read widely in physics and decided to specialize in thermodynamics, after reading some of Clausius's work. His doctoral thesis, which included a critique of Clausius's views on irreversibility, was successfully submitted to the University of Munich in May 1879. It is worth noting that some of Planck's results had already been published by J. Willard Gibbs in a very long article published in the somewhat obscure Transactions of the Connecticut Academy of Sciences, an article that was not brought to the attention of the European thermodynamicists for decades. On the strength of his thesis, Planck was appointed Privat-Dozent at Munich and then in 1885 was called to Kiel as Extraordinary Professor of Theoretical Physics.

In 1889, on the death of Kirchhoff, the prestigious University of Berlin asked Boltzmann to succeed him. Initially, he accepted, but then changed his mind. In his place, the somewhat unlikely choice was the young 34-year-old Planck, who was appointed Professor in 1892, becoming a colleague of the great Helmholtz. Planck remained at Berlin for the rest of his professional career, retiring in 1928. His successor was Schroedinger.

Planck's work before he ascended to the Berlin Chair was collected in his important thermodynamics text, published in 1897, and included discussion of chemical potentials and their applicability to equilibrium constants; dissociation of real gases; and the thermodynamics of colligative properties, including freezing-point depression and osmotic pressure. These treatments of really fundamental chemical and physical problems led him to the forefront of classical thermodynamics.

At Berlin, he began to turn his attention to emissivity phenomena, the so-called black-body radiation. His predecessor, Kirchhoff, had provided theoretical backing for the observations that the distribution of radiant energy with wavelength (or frequency!) emitted from a heated enclosure did not depend on the material of the enclosure. It was therefore a quite general or universal result. In 1893, Wien had used experimental data to derive his displacement law, which connected the enclosure temperature with the frequency of maximum energy output. The efforts of some of the best physicists of the day, including Rayleigh and Jeans, were able to explain parts of the Wien law at low frequencies and high temperatures, but failed at other extremes. The field was open for Planck's efforts.

(continued in the June issue)

MAY HISTORICAL EVENTS IN CHEMISTRY

By Leopold May, The Catholic University of America, Washington, DC 20064

May 2, 1876

Austin McD. Patterson, a leader in the field of chemical nomenclature, was born on this date.

May 4, 1876

Arthur A. Blanchard, a researcher on metal carbonyls and other inorganic compounds, was born on this day.

May 6, 1859

One hundred and fifty years ago, Julius B. Cohen was born on this date. He was a researcher on the laws of aromatic substitutions and optical activity.

May 7, 1909

One hundred years ago, Edwin H. Land was born on this date. He developed a light polarizing material called Polaroid, color photography system, Polaroid Land camera, and founded the Polaroid Corporation.

May 8, 1855

Bohuslav Brauner, who was a researcher in the chemistry of tellurium & the rare earths; predicted the existence of element No. 61 [Pm], was born on this date.

May 10, 1850

Edward Weston, who was born on this date, improved nickel plating.

May 13, 1857

Ronald Ross, who discovered that malaria was transmitted by Anopheles mosquito, was born on this date. He was awarded the Nobel Prize in Physiology or Medicine in 1902 for his work on malaria, by which he has shown how it enters the organism and thereby has laid the foundation for successful research on this disease and methods of combating it.

May 15, 1859

One hundred and fifty years ago, Pierre Curie was born on this date. He discovered the phenomenon of piezoelectricity. He and his wife, Marie Curie, codiscovered polonium and radium and in 1902, they shared the Nobel Prize in Physics in recognition of the extraordinary services they have rendered by their joint researches on the radiation phenomena discovered by Professor Henri Becquerel.

May 18, 1897

Dow Chemical Co., was incorporated on this date.

May 20, 1909

Hans Meerwein, a researcher on oxonium ions and Wagner-Meerwein rearrangements, was born on this date.

May 21, 1860

Eduard Buchner discovered alcoholic fermentation without yeast cells in 1896 and zymase in 1897. In 1907, he was awarded the Nobel Prize in Chemistry for his biochemical researches and his discovery of cell-free fermentation. He was born on this date.

May 23, 1908

John Bardeen shared the Nobel Prize in Physics with William Bradford Shockley and Walter Houser Brattain in 1956 for their researches on semiconductors and their discovery of the transistor effect and with Leon N. Cooper and Robert Schrieffer in 1972 for their jointly developed theory of superconductivity, usually called the BCS-theory.

May 26, 1904

John C. Bailar, Jr., born on this day, discovered optical inversion and explained stereospecificity in complex inorganic reactions.

May 27, 1909

One hundred and fifty years ago, Mary Fieser was born. She and her husband Louis collaborated on the investigation of the chemistry of quinones and steroids. They developed synthetic procedures for the preparation of Vitamin K, cortisone, and the antimalarial compound lapinone. In 1944, they published the textbook, Organic Chemistry. She was awarded the Garvan Medal in 1971. She died on March 22, 1997 in Belmont, Massachusetts.

May 30, 1898

William Ramsay and Morris W. Travers discovered krypton on this day.

Additional historical events can be found at Dr. May's website, <http://faculty.cua.edu/may/Chemistrycalendar.htm> or the "This Week in Chemical History" at the ACS website: <http://www.acs.org/whatischemistry>.

WALEED DANHO RECEIVES THE NORTH JERSEY ACS SECTION 2009 LIFETIME ACHIEVEMENT AWARD

Dr. Waleed Danho of Hoffmann-La Roche has a well deserved world-wide reputation as a leader and innovator in the field of peptide chemistry and the application of peptide chemistry to pharmaceutical discovery. Within Roche, he leads a peptide synthesis group that serves as a center of excellence for the entire global Roche organization. His style is characterized by openness, honesty, and a willingness to take the time to listen to others seeking advice. His drive and enthusiasm for science and success are exemplary and amazingly, seem to intensify as his career progresses. He serves as a role model for medicinal chemists and has expanded his influence greatly through his mentorship of younger chemists.

Waleed completed his Ph.D. degree in the laboratories of Prof. H. Zhan at the RWTH University of Aachen in Germany in 1967. During his graduate career, he developed a new synthesis of the A- chain of insulin leading to the first crystalline semi-synthetic insulin. After a postdoctoral fellowship at the University of California, San Francisco, with Professor C. H. Li on the synthesis of human growth hormone, he joined the faculty of the University of Baghdad, College of Medicine as an assistant professor of Biochemistry. His research on pancreatic and pituitary hormones of camels led to the critical discovery that lipotropin is a pro-hormone of endorphin.

In 1976 he returned to the University of Aachen, as a group leader in the Department of Insulin Research to continue his ground breaking work on the synthesis of insulin. His efforts on the synthesis of pro-insulin led to the preparation of a 45-amino acid fragment of pro-insulin and represented the largest fragment synthesized at that time by solution phase peptide synthesis. His research group went on to establish a structure-activity-relationship for insulin in an attempt to discover the core pharmacophore as documented in numerous publications.

In 1980 Waleed joined Hoffmann-La Roche Inc. as a Research Group Chief in the Chemical Research Department. Since that time he has risen to the rank of Distinguished Research Leader. His Roche career has been marked by a focus on peptides as drugs as well as tools for biological proof of concept. Waleed's drive and ability to cultivate strong and extensive collaborations with medicinal and structural chemists have been critical to his success and ability to achieve his goals. The scope of these activities is documented in over 200 publications, 16 patents and a number of presentations at national and international peptide symposia. Some of the key contribution to Roche and the peptide chemistry are highlighted in the paragraphs below.

Waleed's early work at Roche involved the isolation, characterization and synthesis of thymic hormones in particular thymosin alpha-1. His work led to the discovery that thymosin alpha exists as a precursor and the hormone itself is a "by-product" or artifact of the purification step. The discovery led to the termination of the project at Roche and thus prevented unnecessary resources to be wasted on the development of a phantom drug. In the beginning of 1983 with advent of the "genetic revolution", peptides became powerful tools for the quest for protein therapeutics. Waleed and his team led a number of efforts in the generation of antibodies and active site determination for proteins of therapeutic interest such as IL-1, IL-2 and Ig-E. This body of work was achieved through the synthesis of large numbers of linear and conformationally constrained peptides as a "protein mimic" and represented the first step in the design of small molecule peptide mimics as drugs.

In 1985 Waleed in collaboration with Medicinal and Structural chemists co-led an effort to effectively develop peptide mimetics as small molecules drugs. The satiety peptide Cholecystokinin (CCK-7) was chosen as the target. Waleed systematically investigated the contribution of each of the amino acids as well as the conformational requirement of each of the side chains of the amino acids by synthesizing linear and cyclic peptides of CCK-7 lead-

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LIFETIME ACHIEVEMENT AWARD

(continued from page 7)

ing to the to design of potent cyclic peptide mimetics. He also carried out key studies that led to the discovery of small molecule antagonists of IL-2 and the IL-2 receptor. Taken together, these efforts clearly demonstrated the complexity and challenges associated with using peptide and protein structures as the starting point for small molecule design and provided important guidance for future endeavors.

From 1994 to 1996 Waleed joined the anti-sense research group and was intimately involved in developing strategies for the automated ligation of peptide nucleic acids (PNA) which led to a Roche patented anti-sense technologies platform.

In 1996 Waleed assumed the leadership of a peptide metanocortin-4 (MC-4) receptor agonist program for the treatment of obesity. Waleed's group embarked on establishing the structure-activity-relationship of MC-4 receptor agonists through conformational analysis and synthesis of a large number of linear and cyclic peptides. This led to the discovery of a highly specific and potent cyclic peptide MC-4 receptor agonist, which is currently being evaluated as an anti-obesity agent. During the same period, it was recognized that the melanocortins, specifically the MC-4 subtype have an effect on erectile function. Under Waleed's leadership an opportunistic program was initiated to identify and develop an MC-4 agonist for the treatment of male erectile dysfunction, and rapidly led to the discovery of a potent and selective peptide that has entered Phase 2 clinical trials.

Through his pioneering work on the melanocortins, and other GPCR ligands, Waleed developed a strategy to determine the chemical tractability of large peptide ligand GPCR's as targets. More recently, Waleed was involved in the synthesis and design of peptide related to obesity and diabetes, in particular peptide YY. This led to the discovery of truncated, highly selective PYY₃₋₃₆ (Y₂R) agonists as well as strategies for their delivery and extending their duration of action.

Waleed's scientific career has been marked by this unquenchable thirst for success. His enthusiasm and positive thinking is contagious and has been a great asset for the younger chemists who often seek him as an advisor, mentor, and coach. He is a deep and broad thinker and a most honest yet strongly optimism-inspiring debater, with an endless love for science. In addition to outstanding synthetic and analytical skills, he has an unmatched sense of structure and conformation concerning cyclic peptides in particular; computer modeling usually confirms his design and predictions. His academic peers rank him among the world leaders of drug-discovery oriented peptide research. Thus his visibility is highly international and extends over both academia and the pharmaceutical industry.

The award will be presented to Dr. Danho at the NJ ACS annual award dinner on May 27 at Fairleigh Dickinson University. Please email njacs@aol.com for details.



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North Jersey Meetings

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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 search

The next meeting for the Careers In Transition Group will be held **Thursday, May 7, 2009**, 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.

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TEACHER AFFILIATES

Executive Committee Meeting

Date: Monday, May 11, 2009

Time: 4:30 PM

Place: Chatham High School
255 Lafayette Avenue
Chatham, NJ

Contact: Paul Sekuler
researchehs@hotmail.com



POLYMER TOPICAL GROUP

Polymers for Sensory and Energy-Related Applications

Organizer: Frieder Jäkke
Rutgers University - Newark

Speakers:

“Separator Design for Lithium Ion Batteries”

Pat Brant
Exxon Mobil Chemical Company

“Conjugated Polymer-Gold Nanoparticle Assemblies in Sensory Applications”

Uwe Bunz
Georgia Institute of Technology

“Polymeric Material Strategies in OLEDs”

Kelly Chichak
GE Global Research

“Conducting Polymer/Single Walled Carbon Nanotube Composites for Biosensor Applications”

Huixin He
Rutgers University - Newark

“Basic Research in Polymer Science for Chemical and Biological Defense”

Douglas Kiserow
Army Research Office, ARO

“Selective Potentiometric Detection of Macromolecules”

Kalle Levon
Polytechnic Institute of NYU

This symposium will focus on functional polymers for applications as sensors, in optoelectronic devices including OLEDs, and in the emerging field of energy-related materials. Prominent researchers from academia, industry, and government labs will provide an overview of the state-of-the-art and discuss exciting new developments in these areas. The presentations will be accompanied by a poster session, and ample opportunities for networking with pro-

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POLYMER TOPICAL GROUP

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professionals involved in polymer chemistry will be provided. Updates will also be posted at the PTG website <http://www.njacs.org/ptg.html>.

Date: Thursday, May 14, 2009

Times: 1:00 to 6:30 PM

Place: Paul Robeson Campus Center
Bergen Room
Rutgers University
Newark, NJ

POSTER SESSION:

Poster submissions on any polymer-related topic are welcome!

CONTACT FOR POSTER SESSION:

Dr. Bin Wei, Henkel Corporation
(bwei01@gmail.com)

EXHIBITS & COMMERCIAL POSTERS:

Dr. Nicole Harris, Sun Chemical
(nicole.harris@sunchemical.com)

GENERAL INFORMATION: Prof. Jäkke,
Rutgers University (fjaekle@rutgers.edu).

Regular Registration: Member, \$45; Non-member, \$55; Student, \$30. For online registration, <http://www.njacs.org/ptg.html>

OR send your full contact information along with a check made payable to NJACS-Polymer Group to Dr. Willis B. Hammond, Treasurer, NJACS-PTG, 128 Center Ave., Chatham, NJ 07928, with the appropriate amount (please indicate whether you want your contact information shared with other participants).

Directions: Can be found at the Rutgers website <http://www.newark.rutgers.edu/maps/>.

Co-sponsors: ChemPharma, ACS North Jersey Local Section, Rutgers University.

Endorsing Organizations: NYSTAR sponsored College of Staten Island CUNY Center for Engineered Polymeric Materials, NJIT Medical Device Concept Laboratory.



ACS NORTH JERSEY SECTION TEACHER AFFILIATES — JOINT MEETING WITH NEW JERSEY INSTITUTE OF TECHNOLOGY

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Date: Wednesday, May 20, 2009

Place: Tiernan Hall
New Jersey Institute of Technology

Additional information may be found at: <http://geocities.com/njchemistryolympics/>



ChemTAG MEETING

Date: Thursday, May 21, 2009

Time: 4:00 – 6:00 PM

Place: Mount Saint Mary
1645 Route 22 West (at Terrill Rd.)
Watchung, NJ

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<http://www.mountsaintmary.org/>

Hostess: Reina Colon
mrcolon@mountsaintmary.org


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Presented by: Members of the FDU Sustainable Business Incubator

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Date: Thursday, May 28, 2009

Time: 5:30 – 8:30 PM

Place: Holiday Inn North
(north side of Newark Airport)
160 Frontage Road
Newark, NJ

Cost: In advance: \$45 for members of NJGSCB; \$55 for non-members

Walk-ins: \$55 for members and non-members

For map and directions, see www.NJGSCB.org

All reservations and payments must be made in advance at our web site: www.NJGSCB.org using our secure PayPal site.

Reserve by: Please reserve **by May 25, 2009** EOB.

Cancel in advance – **EOB May 25 - or be invoiced.** Walk-ins will be accommodated if space is available.

To pay by check, reserve by sending an email info@NJGSCB.org and mail check to:

NJ Group of Small Chemical Businesses
16 Park Terrace
Montclair, NJ 07043

Checks must arrive no later than **Monday, May 25, 2009.** Questions? Call Pete Sibilski at (732) 254-1901 Ext. 140 or e-mail Psibilski@mail.alzointernational.com

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New York Meetings

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ACS NEW YORK SECTION MEETINGS FOR 2009

The Board of Directors Meetings for the New York Section in 2009 are as follows:

June 5

September 11

November 13

The regular Board Meetings will be held at St. John's University, 8000 Utopia Parkway, Jamaica, NY. These meetings are open meetings and all are welcome. If you are not a member of the Board of Directors and wish to attend please inform the New York Section Office at 516-883-7510 or njesper1@optonline.net.



WESTCHESTER CHEMICAL SOCIETY

Distinguished Scientist Award

Recipient: Thomas H. Hintze, Ph.D.
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Department of Physiology
New York Medical College
Valhalla, NY

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Speaker: Thomas H. Hintze, Ph.D.

Nitric oxide competes with oxygen for its binding site on complex IV of the electron transport chain. This leads to a decrease in oxygen consumption at any level of work, measured in the kidney as sodium reabsorption or in the heart as mechanical work. Despite this, there is no decrease in ATP production. Therefore, NO is thought to regulate metabolic efficiency measured as the P/O ratio, that is, ATP produced divided by oxygen consumed. In states where NO production is high, such as pregnancy, there is a tighter coupling of oxygen consumed to work performed in the heart. In states where NO production, such as heart failure, or NO bioactivity, such as hyperhomocysteinemia and aging, are reduced, the ability of NO to modulate tissue oxygen may also

be reduced contributing to the diseased state. In addition, NO appears to regulate substrate use by the heart such that the heart consumes fatty acids when NO is present and the heart switches to glucose when NO production or bioactivity is reduced. Thus the goal of the presentation is to underscore the role of NO in the control of tissue oxygen consumption and substrate use in normal and disease states. Furthermore, we proposed that the primary source of NO was most likely the capillary endothelial cell.

Date: Wednesday, May 6, 2009

Times: Refreshments and Social 5:00 PM
Awards & Presentations – 5:45 PM
Dinner – 7:15 PM

Place: Pace University
The Campus Center, Butcher Suite
Bedford Road – 2nd Entrance
Route # NY117
Pleasantville, NY
(Pace Campus is opposite the north bound Taconic Parkway)

Cost: \$25.00 – ACS members
\$30.00 – non-members

Reservations: due by April 30, 2009.

Contact Dr. Joseph Sencen –

jsencen@optonline.net



CHEMICAL MARKETING & ECONOMICS GROUP

Bio-Based Renewable Plastics

Speaker: Frederic Sheer
Chairman & CEO
Cereplast, Inc.

Date: Thursday, May 7, 2009

Times: Cocktails 11:30 AM
Luncheon 12 noon
Presentation 1:15 PM

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

Cost: \$45 discount price for Members who reserve by Tuesday 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 (917) 684-1659 or via e-mail to: cmegroup@mac.com. You can also pay online (via PayPal): go to our Website:

<http://www.nyacs-cme.org/> and click the proper payment button.

Next Meeting

Finding the Upside in the Downturn

Speaker: Eric Vogelsberg
Senior Vice President and
Global Practice Leader
Chemicals & Materials
Kline & Co.

and

Tom Aldred
Director of Performance
Improvement
Kline & Co.

Date: Thursday, June 4, 2009



LONG ISLAND SUBSECTION

**Twelfth Annual Frances S. Sterrett
Environmental Chemistry Symposium**

“Reducing Our Ecological Footprint”

**“RGGI: Regional Greenhouse Gas
Initiative”**

Peter Iwanowicz
Global Warming Director, NYS DEC

**“St. Johns: A Case Study on
Sustainability”**

Thomas Goldmith
Director of Energy and Environmental
Conservation
St. Johns University

**“An Overview of Inherently Safer
Design”**

Dennis Hendershot
Staff Consultant
Center for Chemical Process Safety

“IST: Inherently Safer Technologies”

David A. Moore
CEO, AcuTech Consulting Group

“Living Off the Grid”

James Boulter
Boulter Design Group

The annual Frances S. Sterrett Symposium is dedicated to presenting the public with up-to-date, factual scientific information on environmental topics. This symposium is co-sponsored by the American Institute of Chemical Engineers, Metro New York Section.

Date: Thursday, May 21, 2009

Time: 8:30 AM – 2:00 PM

Place: Hofstra University

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

**Expanding Role of Angiogenesis in
Cancer Therapeutics: The Folkman
Legacy**

Organizers: Guy Lagaud
PTC Therapeutics, Inc.

Dan Hicklin
Schering-Plough
Research Institute

Speakers: William Li
The Angiogenesis Foundation

David Bates
University of Bristol

George Yancopoulos
Regeneron Pharmaceuticals,
Inc.

Jan Kitajewski
Columbia University

Rick Kendall
Amgen Inc.

Rakesh Jain
Massachusetts General
Hospital

Robert Kerbel
University of Toronto

Stuart Peltz
PTC Therapeutics, Inc.

Gabriele Bergers
University of California
San Francisco

Clinical trials have indicated that anti-angiogenic therapy will be a mainstay of cancer treatment – a fourth arm with surgery, radiation, and chemotherapy. The purpose of this symposium is to discuss new data that enables scientists to better utilize and identify angiogenic therapies for treating cancer.

Please note this is a full-day symposium.

Date: Tuesday, May 26, 2009

Time: 9:00 AM – 5:00 PM

**Place: New York Academy of Sciences
7 World Trade Center
250 Greenwich Street – 40th Floor
New York, NY**

(continued on page 14)

BIOCHEMICAL TOPICAL GROUP

(continued from page 13)

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

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.

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CANDIDATES FOR THE ACS NEW YORK SECTION 2009 ELECTIONS

At the January Section-wide Conference, the Nominating Committee presented the following candidates for the New York Section 2009 elections. ACS, New York Section members will receive a ballot in April. The ballot must be returned **by May 31, 2009**. If a ballot is not received by May 12th, please contact the New York Section Office at (516) 883-7510 or njesper1@optonline.net. The New York Section extends a sincere thank you to the following candidates for accepting the nomination to run for office.

Chair-elect for 2010

Hiroko I. Karan
Joseph Sencen

Treasurer for 2010-2011

Stephen Z. Goldberg
Robert P. Nolan

Director-at-Large for 2010

David Cormode
Tirandai Hemraj-Benny
Rolande R. Hodel
Elise G. Megehee
David M. Sarno

Councilor for 2010-2012

Richard D. Cassetta
Donald D. Clarke
Anne T. O'Brien
Yorke E. Rhodes
Ralph A. Stephani
Hessy L. Taft

Alternate Councilor (One Year)

Richard Goodman
Robert H. Beer

EMPLOYMENT AND PROFESSIONAL RELATIONS COMMITTEE OF THE NEW YORK SECTION

To Human Resources Departments in Industry and Academia

The Employment and Professional Relations Committee maintains a roster of candidates who are ACS members seeking a position in the New York metropolitan area. If you have job openings and would like qualified candidates to contact you, please send a brief job description and educational/experience background required to hessytaft@hotmail.com.

Candidates from our roster who meet the requirements you describe will be asked to contact you.



LONG ISLAND SUBSECTION — JOINT MEETING WITH DOWLING COLLEGE

National Science Foundation Symposium

Featuring: Dr. Paul Bishop

Keynote Speakers: Robert J. Gaffney
President Dowling College

Hon. Steve Israel
House of Representatives (to be confirmed)

Dr. Paul Bishop, program director from the National Science Foundation, will lecture from his personal research and findings related to the topics of science and the environment. Additionally, Dr. Bishop will provide an insider's view on the prospects of grant making and seeking as well. Dr. Bishop will be available for 1 on 1 fifteen minute meetings to be scheduled between the hours of 2 PM and 4 PM.

Robert J. Gaffney and Representative Steve Israel will speak on science research and technology and its relationship to Higher Education. Light refreshments will be served.

Date: Friday, June 5, 2009

Tme: 9:00 AM – 11:30 AM

Place: Fortunoff Hall Ballroom
Dowling College
Oakdale, NY

Obituary

PROFESSOR HERBERT MEISLICH, FORMER CHAIR, DIES AT 88

The American Chemical Society's New York Section is saddened by the death of its former chairman, Professor Herbert Meislich, on March 4. Professor Meislich served as chairman from 1970 to 1972. His involvement with the ACS was very important to him. His dedicated service and comradeship will be remembered and appreciated always.

Professor Meislich's passing appeared, as follows, in the New Jersey *Bergen Record*:

Herbert Meislich, a chemistry professor whose writings were familiar to generations of college students, died yesterday.

He was 88 and moved to Fort Lee from New Milford two years ago.

Mr. Meislich taught at City College of New York for nearly 40 years. Among the textbooks he co-authored were "Introduction to Organic Chemistry," published by Holt, Rinehart & Winston in 1960, and "Fundamentals of Chemistry — A Modern Introduction," published by Academic Press in 1966 and 1970.

In recent years, he co-authored organic chemistry study guides published by Schaum's Outlines.

In the classroom, Mr. Meislich was "a real mensch," said one of his former CCNY students, William Paterson University President Arnold Speert.

"I have used him as a role model in terms of the teaching I did," said Speert, formerly a chemistry professor. "He had a wonderful sense of humor and a wonderful understanding of organic chemistry, and the way he linked those made it exciting for us to learn."

Brooklyn-born Herbert Meislich became interested in the subject matter after he received a chemistry set for his bar mitzvah.

"That was very common back then, to get a chemistry set as a gift," said his wife, Estelle, herself a retired Bergen Community College chemistry professor. "Now you can't, because every chemical is a no-no."

Mr. Meislich received a bachelor's degree in chemistry from Brooklyn College. After returning from his World War II Navy service, he received Master's and Ph.D. degrees from Columbia University. He met his wife while both were Ph.D. candidates at Columbia. They married in 1951.

The Meislich family lived in New Milford for more than a half-century, and Mr. Meislich served on its Board of Education from 1967 to 1981.

Estelle Meislich said her husband's "razor sharp mind" came in handy outside the realm of organic chemistry.

"He could quote statistics from baseball and basketball from years back," she said.

Like many Brooklynites of his generation, Mr. Meislich pulled for the Brooklyn Dodgers and then the Mets.

In addition to his wife, he is survived by three daughters, Dr. Mindy Horrow of Wynnewood, Pa.; Dr. Debrah Zuckerman of Bryn Mawr, Pa., and Susan Radlauer of Manhattan, and five grandchildren.



Others

TRISTATE CHINESE AMERICAN CHEMICAL SOCIETY (CACS TRISTATE CHAPTER)

Annual Symposium — Innovation and Entrepreneurships in Pharmaceutical and Chemical R&D

The symposium has had a track record of attracting R&D leaders and research oriented business leaders from pharmaceutical and chemical companies in the Tri-State area, their counterparts from China, and Chinese-American chemical professionals. Many senior R&D leaders from BMS, Schering-Plough, Rohm & Haas, sanofi-aventis, and Wyeth had given keynote presentations in this venue in the past several years. The symposiums in 2006-2007 attracted over 200 attendees each and in 2008 the attendance soared to ~ 300.

CACS is a nonprofit organization with the purposes of promoting fellowship among Chinese chemical professionals, interactions between US and Greater China in chemical and pharmaceutical industries, and public appreciation of science. The theme of this year's symposium is "Innovation and Entrepreneurships in Pharmaceutical and Chemical R&D". You are welcome to check out our website at <http://tristatecacs.org/> for additional information about our organization or programs. If you are interested in contributing to the symposium, please contact Dr. Duxi Zhang at duxizhang@yahoo.com; if you would like to contribute to CACS, please contact Dr. Fangbiao Li at fangbiaoli@hotmail.com. The registration is free for attending the meeting. Please check out our website for online registration.

Date: Saturday, June 13, 2009

Time: 8:30AM to 4:30 PM

**Place: Busch Campus Center
Rutgers University
Piscataway, NJ**

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ORGANIZING AND SCIENTIFIC COMMITTEES, THE GLOBAL WARMING AND CLIMATE CHANGE NETWORK (GWCCN)

The 3rd Global Warming and Climate Change Conference & Industry Exposition (GWCCN 09)

Organized By: GWCCN

Conference Theme: "Bringing Sustainable Development Down to Earth"

Entitled "Bringing Sustainable Development Down to Earth", the GWCCN 09 conference will highlight the role of individuals, groups and grassroots efforts in "green-building" initiatives. The conference will explore what we can do as ordinary citizens in addressing the adverse effects of Global Warming and Climate Change.

The GWCCN 09 Conference Committee welcomes "green visionaries", the academia, IOs and NGOs, Professionals in relevant fields, Green Organizations, Women and Youth Organizations, Development Groups, Governmental Agencies, Civil Society Organizations, Community Development Organizations and Donor Agencies to submit papers, panel proposals, performances, audio-visual presentation, interactive sessions or workshops broadly exploring the conference theme.

The presentations may be completed research, research in-progress or case studies, especially those reflecting innovative "green building" practice. Generally the presentations will consist of a panel of three or four presenters with similar topics. Each presenter will speak for ten minutes and after all of the presentations are completed the floor will be opened for questions and discussion.

Presentations on additional aspects of Green Initiatives are also encouraged. Sub-themes could focus on, but are not limited to:

- a. Global Warming and Climate Change and the Oceans
- b. Sustainable Environment, Health and Development
- c. Remote Sensing and Global Surveillance
- d. Water Resources Management
- e. Carbon & GHG Management

- f. Extreme Events and Impacts Assessment.
- g. Greenhouse Gas & Ecosystems
- h. Human Health In a Changing Climate
- i. Agricultural and Forestry Resources Management
- j. Clean Energy Technology
- k. Low GHG Transportation
- l. Education: Global Change & Sustainable Development

Submissions and/or questions may be made via email to gwccn@uku.co.uk. Submissions will be acknowledged within 5 days of receipt. Notifications of acceptance of proposals will be sent as soon as the reviewing process is completed, not later than April 25, 2009. The deadline for proposals is **Friday, May 1, 2009**.

GWCCN had involved numerous donors to make it possible to offer access grants to as many participants as possible to enable them to participate in the 3rd GWCCN 09 Conference. However, the limited support can only be offered to any delegate or group of delegates who have submitted one or more abstract to the scientific program and sent a motivation letter requesting such financial support to the GWCCN 09 Local Organizing Committee. The deadline for submission of the abstracts as well as the motivation letters requesting for financial assistance is **Friday, May 1 2009**. Fax your application for access grant to +44 870 471 8814 or E-mail: gwccn@uku.co.uk

Date: May 8-12, 2009

Time: 6 PM to 9 PM

Place: The Hyde Park Hotel
(in line with the UN mission)
23-25 Leinster Square
Bayswater, London, England

For more information on registration/Call for Papers contact the GWCCN 09 Chair, Dr John Snow
Tel: +44 703 196 2595, +44 703 199 4559,
Fax: +44 870 471 8814
gwccn@uku.co.uk.

Important Dates

Paper Submission	April 25, 2009
Notification of Acceptance	May 1, 2009
Conference Dates	May 8-12 2009

Call for Nominations

THE WILLIAM H. NICHOLS MEDAL AWARD FOR 2010

The New York Section is accepting nominations for the William H. Nichols Medal Award for the year 2010. 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 medalist'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.

Each nomination requires a completed Nomination Form, biographical and professional data, and seconding letters. Since the nomination procedure now will utilize the New York Section website, please access the forms and instructions at <http://www.NewYorkACS.org>. Nominations must be received by **May 31, 2009**. The Nichols Medal Award Jury will meet in June 2009 to select the Nichols Medalist for 2010.

Questions regarding the nomination procedure should be directed to Marilyn Jespersen, New York Section Office, at njesper1@optonline.net.



ACS NEW YORK SECTION'S OUTSTANDING SERVICE AWARD FOR 2009.

Each year since 1958 the New York Section presents an Outstanding Service Award to a most deserving member of the section. Many members of the New York Section provide their time, leadership talent, and educational skills to the New York Section. The tradition of excellence of the New York Section is attributable directly to the cumulative effect of these individuals. Please help the New York Section to recognize the efforts of our colleagues by nominating them for this award. Nominations will be reviewed by a committee consisting of the previous five winners of the award. The Outstanding Service Award for 2009 will be presented at the New York Section's Section-wide Conference in January 2010.

Nominations with supporting data should be mailed to the OSA Committee Chair, Dr. Robert H. Beer, Department of Chemistry, Fordham University, 441 East Fordham Road, Bronx, NY 10458, or emailed to beer@fordham.edu.

For more information about the award along with a list of former award recipients, please visit the New York Section's website at http://www.newyorkacs.org/awards_nyacs.html.



EDWARD J. MERRILL AWARD FOR OUTSTANDING HIGH SCHOOL CHEMISTRY TEACHER FOR 2010

Now is the time to begin thinking about nominations for the Edward J. Merrill Award, North Jersey Section, for Outstanding High School Chemistry Teacher for the year 2010.

Go to the web site, njacs.org under education and obtain your preliminary nomination form and guidelines. The full packet takes time to do a good job!

We all know an outstanding high school chemistry teacher. Perhaps one from your town, your son's or daughter's teacher or just one that you have heard about or

worked with at some point. The award carries \$500 for the teacher, \$500 in supplies for the teacher's classroom and a plaque to display at home or in the classroom.

Any questions or help needed contact George Gross, njmoxie1@verizon.net.

Call for Papers

57TH ANNUAL UNDERGRADUATE RESEARCH SYMPOSIUM

Sponsored by: The New York Chemistry Students' Association of the American Chemical Society's New York Section

The symposium provides an excellent opportunity for undergraduate chemistry students in the NY metropolitan area to present the results of their research. The program includes a keynote address by a Pace University graduate, Dr. Michael Alekshun, of Schering-Plough Corporation, speaking on "Contemporary Issues in Antibiotic Resistance: Problematic Bugs and the Therapeutic Strategies Used to Treat Them", presentation of student papers (15 minute talks to small groups), followed by a luncheon.

To:

1. Submit an abstract on-line
2. Print a flyer for posting - Print "Call For Papers" frame
3. Obtain directions to Pace University at Pleasantville. Go To: http://newyorkacs.org/grp_students.html

Date: Saturday, May 2, 2009

Place: Pace University
Pleasantville, NY

If you have any questions please contact:
Alison Hyslop, Co-chair
hyslopa@stjohns.edu

Sharon Lall-Ramnarine, Co-chair
slallramnarine@qcc.cuny.edu

JaimeLee lolani Rizzo, Co-chair
jrizzo@pace.edu

Call for Posters

LABORATORY ROBOTICS INTEREST GROUP — MID- ATLANTIC CHAPTER

Fifth Annual Student Poster Contest

The contest will feature both High School and College Divisions.

Student Posters may be on ANY TOPIC in engineering, or the biological, chemical, earth, environmental, and physical sciences.

Content related to robotics or automation is NOT required for entry.

Cash prizes will be awarded in both divisions as well as special members' choice awards. Participants in the high school division should plan to be at their posters between 4 and 5 PM to meet with the judges and participants in the college division should plan to be at their posters between 5 and 6 PM. An awards ceremony will follow the judging at 7:00 PM.

A career seminar is available for high school students before the meeting begins.

There is no charge to attend the meeting. There will be FREE FOOD and CASH PRIZES.

Reimbursements of travel expenses for entrants in the college division are available.

The contest is held in conjunction with the chapter's annual technology exposition. One of New Jersey's largest scientific meetings, this event is attended by more than 700 scientists and more than 90 laboratory technology companies.

Date: Tuesday, May 19, 2009
Times: High School Poster Session
4:00 - 5:00 PM
College Poster Session
5:00 - 6:00 PM
Awards Ceremony 7:00 PM
Place: The Hilton East Brunswick
3 Tower Center Boulevard
East Brunswick, NJ
Cost: No Charge (FREE Food and Cash Prizes)

Please pre register for the meeting at: <http://lab-robotics.org/> (Click on the Mid Atlantic Chapter's link listed under "Upcoming LRIG Meetings.")

To enter a poster, simply send your name and the title of the poster to Kevin Olsen at the address below anytime **before May 7.**

Olsenk@Mail.Montclair.edu (973-655-4076)

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