

## American Chemical Society

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Form: Part II - Annual Narrative Report  
Organization: New York  
Year: 2007

### A. Activities

Please describe and rank up to ten of your section's activities during 2007. Provide (a) the title of the activity, (b) a one paragraph description of the activity, and (c) an indication if this activity was new in 2007. If you wish to provide details beyond these paragraphs, please do so in Appendix 1.

#### Activity #1

a) Title: Major NCW Event at the Hall of Science

The New York Section held its 3rd Annual National Chemistry Week at the New York Hall of Science in Flushing, NY on Saturday, October 27, 2007. This very successful program for the past 2 years exceeded everyone's expectations in 2007. The New York Hall of Science is located on the old World's Fair grounds and is becoming one of the premier science institutions noted for its hands-on activities. The first year we requested the Hall of Science and for the past two years, they have invited us back. They publicize NCW and this year they invited Harry and Digit from Cyberchase giving coverage from NPR. We have been fortunate that for the past three years, David Sherman, Principal Research Specialist of Pepsi-Cola, coordinated the events. The last year we had approximately 700 attendees. This year we topped 1300 attendees. We depend on and appreciate our volunteers, who are from industry, universities, colleges and high schools. Each volunteer received a periodic scope key chain and we had 235 volunteers. On entering the Great Hall, which was decorated with the red, white, and blue NCW balloons, each child received a pair of goggles and a plastic apron. The activities were carried out by: St. John's University (Silly Putty, Slime, Ooblek); Hofstra (Show in the Dark Slime, Gluep); New York University (Cool Blue Light Experiment, Clock Reaction, 4-color Oscillator Chemical Demo); College of Mt. St. Vincent/Manhattan College (Magic Mushrooms-polyfoam, Ghost Crystals, Baggie Science); Barnard College of Columbia University (Invisible Ink, Making a Polymer, Bouncy Ball, Acid-base reactions with household materials); Pace University (Fluorescent Glue, Forensic Fingerprinting); Adelphi (Noisy Popper, Buoyancy Experiment); St. Joseph's College (Polystyrene Shrinkers); Manhattan Village Academy (HS) (Japanese Marble Painting). IFF=International Flavors and Fragrances (Test Your Scent IQ); Agilent Technologies (Gas Chromatography Demonstration); VWR-Scientific Supply Catalogue (Mad Scientist Laboratory, glassware, Periodic Table, Microscope, Balance Demonstrations); Citrus and Allied (Essential Oil Production); and, of course, PEPSI-Cola (The Source of Making Soda). Over 1000 bottles were made according to the color of the liquid and the flavor the children choose). The demonstrations were hands-on activities, making for great audience participation. The children made so

many things that the parents had difficulty carrying everything. The results of filling out the Evaluation Sheet were "Are you coming back next year? and Bring bags! ."

Working with the Scientific Supply Companies, Carolina Biological Supply Company, Flinn Scientific, Inc., Sargent-Welch and Educational Innovations, I was able to purchase goggles and plastic aprons for the children. After explaining why they were needed, I was able to come to a deal that for everyone purchased the company would match it.

Publicity was carried out by the Hall of Science. New York Times, World Journal (Chinese newspaper), UFT (Union of Federated Teachers) Science Activities, NPR, New York Archdiocese of NY, Brooklyn Diocese, ACS-NY The Indicator, etc.

In January 2007 at the NY Section Annual Meeting, we presented the Salutes to Excellence to David Sherman and the New York Hall of Science, accepted by Marcia Rudy. The Section is so pleased that Pepsi Cola has also appreciated David Sherman's efforts for National Chemistry Week. David will receive the Harvey C. Russell Inclusion Award on March 27, 2007 at their office in Purchase, NY.

Since the New York Section received the LSAC grant for NCW, we also held a Haiku and Poster Contest. The 23 Haiku/Posters were displayed at the Hall of Science and the students received \$1100 in award money. Dr. Catherine T. Hunt, 2007 ACS President, Dr. Bruce E. Bursten, President-Elect and the Honorable Michael Bloomberg, Mayor of the City of New York were invited to attend the program at the New York Hall of Science.

The New York area is also exposed to the importance of chemistry through the Fourth Harlem Science Street Fair and Festival organized by Dr. Sat Bhattacharya. The program was held on Saturday, October 6, 2007 at 129th Street and 7th Avenue (Adam Clayton Powell Blvd.) in New York City. The festival and the summer-long outreach to disadvantaged high school students at the fair honors the various outreach programs that aid youth in under-served and under-represented communities and schools districts in NYC and New Jersey and now is a national venture. For the Festival, an international line-up of entertainers is brought in, which brings out members of the community. The Harlem Science Street Fair and Festival has been a successful experiment into the interaction between the scientific community and the general public.

Many of the sub-sections held activities on a smaller scale.

Description  
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b) one paragraph): More details and photos can found at  
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c)  This activity was new in 2007

#### Activity #2

a) Title 55th Undergraduate Research Symposium

The New York Chemistry Students' Association of the

New York Section held its 55th Annual Undergraduate Research Symposium on Saturday, May 5, 2007 at Manhattan College, Bronx, NY. The three co-chairs, Dr. Sharon Lall-Ramnarine (Queensborough Community College), Dr. JamieLee Rizzo (Pace University) and Dr. Alison Hyslop (St. John's working together and sharing the many activities made this 55th URS so successful. A bright sunny day brought out 260 students, faculty, family and friends. This URS had the largest number of presentations at 104. Queensborough Community College was the first community college to present at an URS in 2002 with one presentation. In 2007, a community college, Queensborough Community College, had the largest number of presentations of all the colleges with twenty. Colleges and universities presented power point presentations in 21 concurrent sessions covered the areas of analytical, biochemistry, chemical education, environmental/green, inorganic, organic, nano-and surface chemistry, physical and polymer chemistry. Participants were: Adelphi University, Baruch College-CUNY, Borough of Manhattan Community College, Brooklyn College, City College of NY-CUNY, College of New Rochelle, College of Staten Island-CUNY, Fairleigh Dickinson University, Fordham University, Hofstra University, Hunter College-CUNY, Iona College, John Jay College, Lehman College-CUNY, Manhattan College, Medgar Evers College, New York City College of Technology, Pace University, Polytechnic University, Purchase College-SUNY, Queens College-CUNY, Queensborough Community College, Ramapo College of New Jersey, St. John's University, Stony Brook University, York College-CUNY.

Attendees were formally welcomed by Dr. Rizzo, who introduced Dr. Joseph Capitani, Chair of the Chemistry Department at Manhattan College; Mrs. Joan Laredo-Liddell, ACS-NY Chair, who welcomed the participants and wished them success. Dr. Sharon Lall-Ramnarine introduced the keynote speaker, Dr. Spiro Alexandratos from the Department of Chemistry, Hunter College-CUNY. The keynote presentation entitled *The Earth in Crisis: Pollution of Water in the Biosphere-Current Status and Steps Toward Renewal* was a wonderful introduction to the field of synthetic organic chemistry, analytical chemistry, inorganic chemistry, and environmental chemistry. As a token of appreciation from the ACS-NY Section, the speaker was presented with an inscribed plaque commemorating the event. A group picture was taken and then the students, faculty and guests attended the student presentations taking place in the twelve concurrent sessions. The students gave 15 minute Power Point Presentations. The conference rooms were equipped with computers and projection systems. Student presentations were saved on either CD or flash. Representatives from McGraw Hill, Wiley, Pearson/Prentice Hall, Thomson, BNL, Brooklyn College, Pepsi, OSI, and On Assignment Lab Support attended the symposium.. Tables were made available for these representatives in the reception area. The symposium concluded with a luncheon and an Award Reception where students were presented with Certificates of Participation and mementos (padfolios) were distributed and followed by an ice cream social. A slide show presentation featuring the student presenters working

in their laboratories was shown during the ice cream social. The arrangements at Manhattan College were overseen by Pamela Kerrigan. Thanks to the generous support of local industrial donors and for publishing companies, participants of the year s symposium received an abstract booklet, a memento, and a copy of the group photo taken on the day of the symposium. URS fundraising reduced the local section contribution, since the fundraising 2007 increased by 170%. Plans for the 2008 URS at Queensborough Community College during MARM will be organized by our three co-chairs.

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### Activity #3

a) Title Nichols Medal and Nichols Teacher Awards

In an event that is not only a premier annual section event, but one that is a very important event nationally, the 2007 Nichols Medal Symposium and Banquet was held on Friday, March 16, 2007 at the Crowne Plaza Hotel in White Plains, NY. The recipient of the Nichols Medal was Professor Nicholas J. Turro of Columbia University. Nicholas Turro is an internationally acclaimed pioneer and leader in the art and practice of physical organic chemistry and organic photochemistry. The title of the symposium was "Photons, Electrons, Spins and Supramolecular Chemistry: New Tools for Unraveling Chemical Complexity ." The distinguished symposium speakers were: Professor Jacqueline K. Barton, Arthur and Marian Hanisch Memorial Professor of Chemistry at the California Institute of Technology, "DNA Charge Transport Chemistry and Biology "; Professor Ronald E. Breslow, S. L. Mitchill Professor of Chemistry at Columbia University, "Terrestrial and Extraterrestrial Chirality "; Professor Harry B. Gray, Arnold O. Beckman Professor of Chemistry, California Institute of Technology, "Protein Folding, Misfolding, and Disease "; and Professor Nicholas J. Turro, William P. Schweitzer Professor of Chemistry at Columbia University, "Photons, Spins and Special Pairs: An Integration of Photochemistry, Magnetic Resonance and Supramolecular Chemistry ". The evening portion included ACS greetings by Dr. Catherine T. Hunt, 2007 President of ACS, the introductory address by Professor Gerard Parkin of Columbia University, presentation of the Nichols Medal by Joan Laredo-Liddell, 2007 Chair of ACS-NY and the Acceptance Address by Professor Nicholas J. Turro, Nichols Medalist. This medal is the nation's oldest award for chemistry. The Nichols Medal was established in 1902 by Dr. William H. Nichols (ACS president in 1918 and 1919), and the New York Section was honored that Mr. David Nichols and members of the Nichols Foundation and Family were guests at the banquet. The Nichols banquet is an excellent opportunity for chemistry students to interact with industrial

chemists, learn about cutting-edge research, and participate in recognizing achievements in original research. Donations from the Nichols family and Foundation and local industry are used to bring the students to this event. The Nichols Medal awardee is selected from many excellent nominations at an annual June meeting of the Nichols Medal Jury. The recognition of this award by the area chemists is reflected in the large number of attendees, in the midst of a blizzard.

The NY Section is also the beneficiary of the Nichols Foundation High School Chemistry Teacher Award. The 2007 awardee was Stephen Radice of Edward R. Murrow High School in Brooklyn, NY. He was chosen from the candidates on the basis of his teaching load, unique and challenging teaching techniques, demonstrations, and having his students work at local university laboratories. The NY Section is proud of its previous HS awardees. Our 2006 winner, Sara McCoy, received the American Chemical Society Division of Chemical Education Middle Atlantic Region Award for Excellence in High School Teaching at MARM 2007 at Ursinus College and our 2004 winner, Richard Goodman, will receive the 2007 ACS James Bryant Conant Award in High School Chemistry Teaching. He will be honored at the ACS National Meeting in New Orleans.

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#### Activity #4

a) Title: NY and National Historic Chem. Landmarks

The year 2007 was a particularly active year for the Committee on the History of the New York Section, as two historic landmarks were approved. The New York Section presented its 2nd Annual New York Section Historic Chemical Landmark Award to IBM T. J. Watson Research Laboratory in Yorktown, NY on Thursday, November 29, 2007. The plaque was presented by Joan Laredo-Liddell, 2007 Chair of the New York Section, to John E. Kelly III, IBM Senior Vice President and Director of Research, at the Research Center. Dr. John Sharkey, Historian for the NY Section, gave an overall account of the history of ACS and in particular, the New York Section. He discussed the various awards that the Section offers to deserving candidates and institutions. Joan Laredo-Liddell gave a summary of the achievements of IBM for the ACS members and friends, who attended the program, including the innovative work that has been done in employing chemistry to develop novel materials. Dr. Kelly expressed deep appreciation to the Section for this distinction and promised that the plaque would be prominently displayed at the Center. He also introduced the six IBM Research Fellows, who are among the group of scientist that are developing these novel materials.

The inscription on the plaque that was presented read:

Since opening its doors in 1960, the IBM Thomas J. Watson Research Center has been the world leader in inventing, discovering, and developing novel materials and chemical processes that have spearheaded revolutionary advances in computer hardware, including semiconductor chips for logic and memory, advanced packaging and interconnect technology, data storage technology, and flat panel liquid crystal display technology. Looking to the future, Watson scientists are working with carbon nanotubes, silicon nanowires and other materials and chemical processes for potential innovations in computer hardware devices based on nanotechnology. Following the presentation, there was a reception in the Library. This gave both the IBM members, as well as, the ACS members an opportunity to mingle and converse with one another. Discussion also included the local educational outreach programs of the Watson Center for area schools, teachers and educational organizations. After, members of ACS went to a local restaurant for dinner.

Also during 2007, members of the NY- Historic Landmark Committee were preparing the information to present to the ACS National Landmark Committee for landmark status for Pfizer s Brooklyn Laboratory. Dr. Sharkey presented the nomination of the Pfizer Lab in Brooklyn, New York and received approval for landmark designation in November 2007. The official program will take place in June of 2008. The approved designation focuses on the development of deep-tank fermentation that was developed by Pfizer in the 1930 s and how the techniques were used to mass produce such important chemical and drugs, such as penicillin, which was of such great importance in saving lives during and after World War II. From the beginnings in 1849, in a small red brick building in Brooklyn, Charles Pfizer and Co. grew into the largest pharmaceutical company in the world. For nearly 160 years, Pfizer s Brooklyn plant produced chemicals and medicines for the US and people around the world.

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#### Activity #5

a) Title                      Project SEED I and II

The New York Section had another successful SEED I and SEED II program. The number of participants in Project Seed from the New York Section represents more than one-third the number of participants from the entire nation. The magnitude and impact of this program is absolutely incredible. This is due to the dedication and work of its moderator, Nadia Makar. Over eighty students participated in SEED I and SEED II. Students did research at several hospitals, colleges and universities, including St. John's University, Brooklyn College, St. Joseph's College, Columbia University, City College of the City of New York, New Jersey Institute of Technology, Stevens Institute of Technology in Hoboken, NJ, The University of Medicine and Dentistry of New Jersey, the School of Pharmacy of Rutgers University, Rutgers College of Engineering,

Fairleigh Dickinson University, New Jersey City University and the Jersey City Medical Center. Several students presented at the National Meeting of the American Chemical Society in Boston. New York had the largest delegation attending the meeting and the students did an excellent job.

Students made presentations at Seton Hall University and the First Place Winner was Edwin Ortiz from Union Hill High School. Edwin did his research on Robots under the mentorship of Dr. Chung from Stevens Institute of Technology. Rana Abdel Jabbar and Anja Garcia received First Place with Distinction. The First Place Award was captured by Amed Logrono, Jennifer Gonzalez and Gabriel Cummings. (The Synthesis of Organic Compounds). The Second Place Award went to Maria Torres, Alexis Dennis, Christian Calderon, Carlos Campoverde, Eriberto Garcia, and Leticia Aquino (Study of Medicinal Plants). The Third Place was won by Shu Min Gao, Carol Mendez, Handi Miqbel, Alberto Almonte, Samuel Cruz, Ricardo Medrano, Priscilla Martinez and Danai Gonzalez (Environmental Studies of the Meadowlands).

At the New Jersey Science Symposium, Anja Garcia (Finding a New Way to Study Alzimers Using the Length of Bent Light in the Eye) and Swati Shah were selected among the Best Ten Students in the state. They were selected to attend the National Junior Science Symposium, which took place in New Mexico. Swati Shah won First Place for Pollution in Hudson County's Soil and Water.

At the AMTNJ Competitions, Jennifer Gonzalez received the top award and \$500 - for The Study of Breast Cancer Prevention by Vitamin D. Amed Logrono won \$300 and Carla Mendez received \$150 for A New Method of the Synthesis of Organic Compounds Using Microwaves. Ten students from the New York Section won the ACS SEED Scholarship of \$5000.00 each and two students were named ACS SCHOLARS.

At the New York Section Research Poster session which took place at St. Joseph's College, First Place Winner was Kamaris Loor from Union Hill High School. Her research title was " The Study of Colon Cancer Prevention by Vitamin D and Stilbene Analogs ". ALL SEED II students were accepted by the college of their choice.

Amed Logrono was accepted to Brown University on early decision. He will study Biochemistry. All other seniors, who participated in SEED, have already been accepted by the colleges.

At the Hudson County Science Fair, Michael Kanik won the INTEL Award and a gold medal in chemistry for The Study of the Destruction of Nerve Gas. Amed Logrono also won a gold medal.

Anita Hurtado, who had been featured in the C & E News, is a past SEED participant from the New York Section. Anita, who majored in chemical engineering, is now working for Merck.

Carlos Rymer, who attends Cornell University, will be graduating in June with a degree in Environmental Studies. He is an honor student and a past SEED student. Carlos was featured in the Alumni Magazine of Cornell. The New York is proud of its Seed students and show cases them at all New York Section functions.

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#### Activity #6

a) Title: High School Chemistry Olympiad

The New York Section continues to support the Chemistry Olympiad as an example of outstanding outreach to local high schools and continues to attract more students in the area each year. In the section a total of 474 students from 62 different high schools registered to take the local exam in 2007. The local exam was scheduled to be administered on March 17 (9 sites) and March 18 (2 sites). However, because of a heavy snowstorm on March 16, a number of the sites were closed on March 17. Arrangements were made to administer the exam at those sites on the following Saturday, March 24. Eleven test sites were Bergen/Rockland; Staten Island; Brooklyn; Queens; Manhattan; Nassau County; Suffolk County; Rockland/Westchester, with the alternate sites, Yeshivah of Flatbush in Brooklyn and Rambam Mesivta in Lawrence. Of the students who registered, 319 actually took the exam. As a result of the weather, this was the lowest number in recent years. The high score on the exam was 67.3 out of a perfect score of 60. The average score was 37.06, with a standard deviation of 10.08. On the Local Exam, Jeffrey Kalmus of John F. Kennedy HS, Matthew Rienzo of Huntington HS and William Weingarten of the Collegiate School received high honors. Cassidy Mentus of Tenafly HS received honors. The High Schools participating in 2007 were John F. Kennedy (1); Collegiate School (2); Valhalla (1); Huntington (1); The Masters School (1); Tenafly (1); Great Neck South (2); Great Neck North (1); Clarkstown South (2); Briarcliff (1); Scarsdale (1); Eastchester (1); Benjamin Cardozo (2); Pearl River (1); Hunter College HS (4); Lawrence (2); Brooklyn Technical (1); Elwood-John H. Glenn (1); W. C. Mepham (1); and Ward Melville (1). 29 Students scored 49 to 56 and represented 20 high schools. The National Exam was administered at two locations, Purchase College-SUNY and Adelphi University on Sunday, April 29. Twenty New York students were allowed to continue to the National Exam level. Of the 20 New York students who took the National Exam, one obtained honors and three obtained high honors. The high score was 56 and the qualifying score was 49. Matthew Rienzo, who obtained high honors, was invited to attend the Study Camp. Dr. Stephen Goldberg and the many volunteers he has assembled to coordinate this event are commended for making this program once again a New York top ten.

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#### Activity #7

## a) Title: New York Section Chemagination

The Fourth Annual Chemagination contest of the New York Section of the American Chemical Society was hosted by the New York Section at St. John's University on May 10, 2007. Chemagination is a science essay and poster contest for high school chemistry students, grades 9-12, that asks them to address the question, "What innovation or breakthrough in the field of chemistry will be important in the lives of teenagers 25 years from now?" Students choose one of four categories: Alternative Energy Resources, Environment, Medicine /Health care, or New Materials and their entries are written as articles of 1000 words or less that might appear in a future issue of ChemMatters, the science publication for high school students. Students make a poster presentation of their articles on the day of the contest.

The written entries were submitted through web submission in 2007 and were readily accessed by the judges. The 2007 event drew 32 posters from 7 high schools. On the day of the contest approximately 90 students participated in the event through poster presentation attendance.

The Fourth Annual Chemagination contest began with welcoming remarks by Dr. Korlipara, Chemagination Coordinator; Dr. Rosso, Chairman of St. John's University Chemistry Department; and Dr. Trombetta, Chairman of St. John's University Department of Pharmaceutical Sciences. This was followed by the judging of posters. A panel consisting of three judges interviewed each group of students and selected the top two posters in each category. Judging criteria included scientific thought, creativity, clarity, thoroughness, and teamwork. The first and second place winners in each category were given trophies. All participants were given certificates of participation (prepared by Dr. Goldberg). The first or second place winner in each category represented the NYACS at the Regional level, MARM 2007, Ursinus College, Collegeville, PA. on May 19, 2007.

The event was covered by the St. John's University's web design department.

The high schools that participated in 2007: Collegiate School; Division Avenue High School; Flushing High School; High School for Health Professions and Human Services; Hunter College High School; Locust Valley High School; and Ridgefield Park Junior/Senior High School.

Essay entries for Alternative Energy Sources: 1. Hydrinomic Photonomy: Powering the Future; 2. Hydrogen Fuel: The Solution for Pollution; 3. A New Energy Source: Organics and the Seebeck Effect; 4. Gas Hydrates: The World's New Fuel Source; and 5. Energy and the Environment: Two Sides of the Same Coin. Essay entries for Medicine/HealthCare: 1. Out With The Old, In With The New-Muscles In Modern Medicine; 2. Diabetter: Recent Protein Discoveries Pave the Way for a Cure for Diabetes; 3. Stronger Foods; 4. Nanomedicine and Gene Therapy: A Union for A Solution; 5. Single-Walled Carbon Nanotubes (SWNTs): Implications for Bone Remediation; 6. SGB-BOT; 7. DNA Roller Coaster; 7. New Cancer Therapy Becomes Available to the Public; 8. Advanced Drug Therapy for Tuberculosis; 9.

Cancer-Out.

Essay entries for Environment: 1. The Atmospheric Solution: Solar Powered Planes and Carbon Dioxide Filters; 2. Agri-Char: A New World Through New Soil; 3. Environmental Research; 4. Saving Our Planet; 5. Solar Powered Water Purification; 6. Water Polymers; 7. Global Warming Abolished: A Nano-Chip Makes the Difference; and 8. Nanospheres: A Global Solution To A Global Problem.

Essay entries for New Materials: 1. Hydrofullerenic Armor; 2. Spacesilk: Revolutionizing the Art and Science of Space Travel; 3. Brain Juicer; 4. 3rd TV; 5. Synthetic Materials: 6. The Zeolite: Stability is Not Always Found in Solidity; 7. Transatlantic Tunnel; 8. The All-Skin Line: A Soothing Solution For Scorched Skin; and 9. IntelliClothes: The Shield You Can Wear! In the May 10th Section Level Competition, the winners were: A New Energy Source: Organics and the Seebeck Effect; Out With The Old, In With The New-Muscles in Modern Medicine; The Atmospheric Solution: Solar Powered Planes and the Carbon Dioxide Filters; and 3rd TV. The second place winners were: Hydrogen Fuel: The Solution for Pollution; Cancer-Out; Nanospheres: A Global Solution to a Global Problem; and Hydrofullerenic Armor.

The winners went to the MARM at Ursinus College, Collegeville, PA. The Alternative Energy Sources A New Energy Source: Organics and the Seebeck Effect from Locust Valley High School received a second place. A New Materials 3rd TV from Division Avenue High School received a second place. Medicine/HealthCare Cancer-Out from Ridgefield Park Jr/Sr High School received a second place. Environment The Atmospheric Solution: Solar Powered Planes and Carbon Dioxide Filters from the Collegiate School received a second place. When the New York Section thinks of Chemagination, we think of Dr. Vijaya Korlipara. She introduced the program after learning about it at the Leadership Conference for Chair-elect's in 2003. The introduction, growth and success of this program are due to the efforts of Vijaya. In 2004, the first year, 10 posters were received; 4 were sent to the Regional Level; and one went to National and won first place in its category. New York was disappointed that only 10 posters were received but thrilled that NY was a winner at National. The second; year, 15 posters submitted; 4 sent to Regional; and one to National, which won first place. The third year, 2006, 39 posters were submitted: 11 different schools represented and over 100 high school students attended the event at St. John's University. The 5th Annual Chemagination Contest will be held on March 2008 at St. John's. Unfortunately, the rest of the ACS Sections did not find the same enthusiasm as here in New York - so the National competition was canceled. Thanks to Vijaya for keeping the flame of creativity burning bright in the New York Section.

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**Activity #8**

a) Title: NY Section Sectionwide Conference

The 2007 General Meeting and Section-Wide Conference of the American Chemical Society's New York Section was held at St. John's University in Queens, NY on Saturday, January 20, 2007. Approximately 70 people attended the meeting. The meeting began with welcoming remarks from the new 2007 Section chair and a discussion of goals for the coming year. New officers and committee members were introduced. The annual section awards ceremony followed. The 2006 Chair, Jill K. Rehmman, received the service award plaque, pin and gift for her many contributions. Frank Romano received the New York Section Outstanding Service Award for 2006 for his many years of service and excellent work as Treasurer of the Section. The 2006 Nichols Foundation High School Chemistry Teacher Award was presented to Sara Henry McCoy from the Collegiate School in New York City. Sara received an ACS plaque and a check for \$1000.00. Four Salutes to Excellence Awards were presented: Vijaya Korlipara for the organization of and her continued work with Chemagination, even after it was dropped as a National event; Richard D. Cassetta received the Award for his many years chairing the Long Range Planning Committee and arranging for the Executive Board Meetings at the College of New Rochelle. The next two awardees worked to give the Section its successful National Chemistry Week event. David Sherman, Principal Scientist, ASQ Certified Quality Auditor for Pepsi-Cola Research and Tech. Support in Valhalla, NY, coordinated the events for the past two years at the New York Hall of Science. Marcia Rudy accepted the plaque for the Hall of Science. NYHOS gives free parking and admission to the volunteers and publicizes our event. Marc Walters, 2007 Chair-Elect announced the list of candidates for the 2007 election. All positions had two or more candidates in competition. A highlight of the conference was to hear the ACS dynamic 2005 President, William F. Carroll, Jr. give the keynote presentation: "The Chemistry Enterprise: Do We Have a Future, or what? " Looking forward, the chemistry enterprise-as every business the world over-is poised for rebalancing. The presentation provided a short summary of issues impacting the US and its position in global chemistry, and a review of our program wherein American Chemical Society committees, divisions, leaders and members have envisioned the next ten years. At the conclusion, there was extensive audience participation and dialogue, which carried over to the luncheon at a local restaurant. At the break, there was time to examine the posters of the Chemagination students, as well as, New York Section Project Seed students. The second half of our Annual Meeting is the Committee Planning Sessions for 2007, which are Educational Activities with Sr. Mary Maier; Member Affairs with Ralph Stefani; Program Review with Anne T. O'Brien; and Public Affairs with Robert Nolan. At the conclusion, there was a luncheon at a local restaurant to put the final touches to a most eventful day.

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**Activity #9**

a) Title: Two Science Cafes

This was the first year that the New York Section presented a Science Café. The Section applied for and received a LSAC grant of \$500. Due to the large and expansive size of the New York Section, it was decided that the Section should sponsor two science cafes.

One café was held in the northern area (Westchester County) and the other on Long Island. The topic of obesity and nutrition was an item of discussion at our table at the Columbia University Seminars dinner. Dr. Susan Ettinger was recommended as the perfect speaker.

Dr. Ettinger was agreeable to give both presentations. The Westchester program was held at the Borders Book Store in Scarsdale. This mall includes many stores, medical offices, banks and the Lord and Taylor store. The Westchester Chemical Society (subsection of NY) sponsored the café on Wednesday, November 14. A previous trip to Barnes and Noble on Central Avenue, a major avenue in Westchester, did not work for us. We were welcomed at Borders, which has a large area with tables and chairs. The manager of Borders was also agreeable to advertise our program by including our flier in the bag with patron's purchases. We had to provide the fliers, as well as a screen for the power point presentation. As guests entered the area, we distributed tickets, which allowed participants to obtain a free coffee of their choice. Dr. Ettinger's presentation was on "Whole Food and Disease Prevention ." She presented the scientific rationale for the use of whole food as contributing therapy in the prevention and control of cancer and chronic diseases. The talk bridged theory and practice by emphasizing strategies for including protective foods into patterns of daily living. Dr. Ettinger focused her career on integrating biomedical research findings into the theory and practice of nutritional medicine. As Chair of the Clinical Nutrition program at New York Institute of Technology, she developed curricula to meet changing needs of graduate and medical students. With funding from the National Cancer Institute, she created a curriculum for Medical (Cancer) Nutrition Training for dietitians. As Research Associate in the New York Obesity Research Center at St. Luke's Hospital Center, Dr. Ettinger is currently pursuing research projects at the interface of obesity, cancer and aging, with special emphasis on the metabolism of folate (Vitamin B Complex) and bioactive components of whole foods. The afternoon program ran from 3 PM to 4 PM. Dr. Ettinger's presentation was well received and was followed by questions, which lasted for nearly 45 minutes. Our survey indicated that the audience enjoyed the topic and especially her answers to individual questions. The program was publicized using Channel 13 TV (Westchester Channel), The Journal News (lower Hudson Section), posters at Borders, the library, and stores in the area. Of the 30 people who

attend the presentation, only 5 were ACS members. The program was organized by the Westchester co-chairs, Jean Delfiner and Joan Laredo-Liddell. The Long Island Science Café was organized by the Long Island subsection under 2007 chair, Eugene Brown and was held at Nassau Community College on Friday, November 30 starting at 6 PM. Fliers advertising - Free-Food-Fun-Facts, brought 68 people. Most of the attendees were not ACS members and they enjoyed the food offered by the Long Island Section. The presentation was by Dr. Ettinger and topic was similar to that of Westchester. (See information above). The New York Section appreciates the grant money that helped to defray the cost of the two programs.

Description: More details and photos can found at  
 (Please limit to [www.newyorkacs.org/reports/NYACSReport2007.html](http://www.newyorkacs.org/reports/NYACSReport2007.html)  
 b) one paragraph): (Case Sensitive)

c)  This activity was new in 2007

#### Activity #10

a) Title: 50 and 60 year ACS Member Luncheon

On May 23, 2007, the New York Section celebrated the 50 and 60 year members of the American Chemical Society. The surprise for the Section was the addition of 60 year members - which was not accounted for as a budget item. Considering the longevity of these members, the New York Section planned a very elegant affair.

Prior to 2007, we generally had three to four of the fifty year members responding to the invitation. A thought was that transportation was a problem. We needed a location that was convenient for public transportation and had a parking facility with a reasonable cost.

A call was made to Tavern On The Green Restaurant in Central Park at West 67th Street. This was an ideal location; it was convenient to public transportation and a parking area adjacent to the restaurant. Now to bargain to a price that we could afford. A guarantee of 30 people allowed for a private dining room with a cash bar and our own Maitre D'. We settled at \$50 per person. Since we are tax exempt, the additional cost was the Service Charge. Since the minimum was 30, the question facing us - would we have 30 responses. The room was ours from 12 pm to 4 pm, in the Park/Park Patio Dining Room with tables of ten. The room rental was waived.

The Menu for the Day: Appetizer of Chilled Spears of Asparagus wrapped with Smoked Salmon; Entrée of Roasted French Cut Chicken Stuffed with Baby Spinach and served with the Chef's selection of Fresh Seasonal Vegetables and Dessert was Florentine Cornucopia with diced Fresh Fruit, Raspberry Sorbet and Passion Fruit Sauce followed by Coffee or Tea. Beverages were set up for service during lunch with assorted juices, sodas and mineral waters.

We were so pleasantly surprised as responses came in. In most cases, the member came with his/her spouse. We reached our quota. In the letter that was sent out to

all, we requested a brief bio to bring us up-to-date. At dessert time, the 2007 chair, Joan Laredo-Liddell read the information received and presented the ACS Certificate. Each member had a tale to tell, as many knew each other. The affair was as pleasant as the day. Some members decided that a carriage ride in Central Park would put the finishing touch for the day. We had six 60 year members and eight 50 year members. I sent each attendee a 4x6 group picture and a 5x7 picture of their year. The word spread and we had some complaints by the over 60 year members that they were not invited. The Section has some thoughts for the 2008 luncheon.

- Description: More details and photos can found at  
 (Please limit to [www.newyorkacs.org/reports/NYACSReport2007.html](http://www.newyorkacs.org/reports/NYACSReport2007.html)  
 b) one paragraph): (Case Sensitive)
- c)  This activity was new in 2007

## B. Summary - Overall Section Activities

Please summarize in *1,000 words or less*, the activities of the section in 2007 which have not been already described. Outstanding events should be described in some detail and appropriate attachments included in Appendix 3. Programs described here may be featured in publications produced by the ACS Membership Division and/or at the Local Section Leadership Conferences.

The many exciting and pertinent activities of the New York Section are announced in The Indicator, the Section's monthly magazine (excluding July and August), on the Section's website ([www.http://newyorkacs.org](http://www.newyorkacs.org)), and by e-mail. More details and photos for this report can found at [www.newyorkacs.org/reports/NYACSReport2007.html](http://www.newyorkacs.org/reports/NYACSReport2007.html) (Case Sensitive)

### SUBSECTION EVENTS:

The Brooklyn Subsection (Chair, Dr. Jill Rehmann) co-sponsored the 12th High School Research Poster Session which was held at St. Joseph's College in Brooklyn. It was organized by the Chemical Education Committee chaired by Sr. Mary Maier. 43 posters from 7 high schools were featured, as well as a talk by Dr. Richard Rosso of St. John's University. The section also co-sponsored a NCW Brooklyn Day for high school students at Brooklyn College. Held on October 23rd, it involved approximately 150 high school students, chemistry student affiliates and faculty. It included chemical demonstrations, a tour of the laboratories, an awards program and a talk by Dr. Koji Nahanishi along with a Magic Show.

The Hudson-Bergen Subsection (Chair, Mr. Sorin Diaconescu) had a very rich and varied program in association with the local colleges, including Ramapo College, New Jersey Institute of Technology and Fairleigh Dickinson University. Besides the monthly meetings that featured an invited speaker, Hudson-Bergen also hosted the 9th Annual Undergraduate Research Poster Symposium and Awards Ceremony at

Fairleigh Dickinson University. The speaker for the event was Mr. Sorin Diaconescu of the New Jersey State Toxicology Laboratory. The topic was Forensic Toxicology .

The Long Island Subsection (Chair, Dr. Eugene Brown) continues to host section meetings covering a wide range of chemical topics that draws 50 to 150 attendees each month. On April 19 at Queensborough Community College, LI held its 7th Annual Chemistry Challenge, a quiz show type contest. There were ten teams from area colleges and universities participating. At the 17th Outstanding Scholastic Achievement of High School Students in June, chemistry students were recognized and presented with plaques and other awards. This was followed by a dinner for the students, faculty and family. The activity was sponsored by OSI Pharmaceuticals. Students toured the pharmaceutical company. Students, who could not attend, received their awards by mail. On Thursday, May 24, LI hosted the 11th Annual Frances S. Sterrett Environmental Chemistry Symposium, "Liquified Natural Gas: Safe-n-Sound? at Hofstra University. On November 30, the subsection hosted a Science Café with Dr. Susan Ettinger. The topic of her presentation was Whole Food and Disease Prevention . This was the second Café for the New York Section.

Staten Island Subsection held its Outstanding High School Student Award Night in the evening of November 13, 2007 at Spiro Hall of Wagner College. The welcome was given by Dr. Wendy deProphetis Driscoll of the Department of Chemistry of Wagner College and Chair of the Staten Island Subsection. The featured speakers were Meaghan Robbins and Lindsay Lucas, two senior chemistry majors at Wagner College, who will be attending graduate school and participated in the REU programs. The title of their presentations were Synthesis & Characterization of Oligoacenes for Organic Electronics & Optoelectronics and Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry (MALDI-TOF-MS) Analysis on Sunset Park Escherichia coli isolates . The Presentation of Awards was by Dr. Maria Gelabert (Past Chair) and Dr. Nicholas Richardson (Treasurer). Schools attending the Awards Night were Curtis HS, Monsignor Farrell, Moore Catholic, New Dorp, Notre Dame, Michael Petrides, Port Richmond, St. John's Villa Academy, St. Joseph's-By-The-Sea, St. Joseph's Hill Academy, St. Peter's Boys St. Peter's Girls, Staten Island Academy, Staten Island Technical, Susan E. Wagner and Totenville. Mrs. Claire Sandomierski of the Chemistry Department of Wagner College coordinated the events. After the seminar and presentation of awards, members of Gamma Sigma Epsilon National Chemistry Honor Society conducted tours of some of the research chemistry laboratories at Wagner College. Fifty people were in attendance.

The Westchester Chemical Society (subsection co-chaired by Jean Delfiner and Joan Laredo-Liddell) held 7 meetings. We were pleased to suggest one of our presenters, Dr. David Fairhurst, as a speaker for MARM. The theme of the 40th MARM is "Chemistry and

Health " and Dr. Fairhurst's topic is Formulating Semi-solid Topical Delivery Systems: Development of a Microbicide for HIV . In May, the Section held its 16th Annual Distinguished Scientist Award Dinner and College Achievement Awards at Pace University in Pleasantville, NY. This year's recipient was Dr. Mary Cowman of Polytechnic University. The Distinguished Scientist Award was in recognition of her work on solution properties and nanoscale imaging of polymers and for advances in the understanding of polysaccharides. Dr. Cowman's presentation was "One Molecule at a Time: using Nanoscale Imaging to Understand Biological Properties ". Dr. Peter Corfield of SUNY-Purchase was the coordinator for the Student Chemistry Awards. The awardees received an ACS Certificate and the Encyclopedia of Science and Technology. Colleges attending were Bronx Community College, College of Mt. St. Vincent, College of New Rochelle, Iona College, Manhattan College, Manhattanville College, Marymount College of Fordham University, Pace University, Purchase College-SUNY, Westchester Community College. Two Salutes to Excellence Awards were presented to Carol Sencen, Secretary, for e-mail reminders to the members regarding an upcoming meeting and Rolande Hodel, Treasurer, for her presentation and work with the Section. The Section also sponsored the first Science Café with Dr. Susan Ettinger, who presented Whole Foods and Disease Prevention . Of the 30 people who came to Borders Bookstore for the presentation, only 5 were ACS members.

#### TOPICAL DISCUSSION GROUPS:

These groups have offered the Section members outstanding scientific information.

Analytical Topical Group (Chair, Dr. Robert Nolan) hosted 6 seminars in 2007. The Group continues with participation of the forensic faculty and students from John Jay School of Criminal Justice. One of their seminars was by Dr. Jo Ann Buscaglia from the FBI Laboratory. The February speaker was from The Rohm and Hass Company; the March speaker is the Senior Scientist and Research Director Smiths Detection and a consultant in Analytical Microscopy; the April speaker was from the Tel-Aviv University; the May meeting speaker was from Counterterrorism and Forensic Science Research Unit of the FBI Laboratory in Quantico, VA. Other speakers were from the local colleges - particularly junior analytical faculty. Attendance was in the 20 range per seminar. The meetings are held at the Graduate Center of the City University of New York.

The Section is particularly pleased with the variety of speakers presented by the Analytical Topical Group.

Biochemical Topical Group in collaboration with the Biochemical Pharmacology Discussion Group of the New York Academy of Sciences had an active and successful year. The combined group represents a diversity of scientist interested in biochemistry, molecular biology, drug discovery, biomedical research and related areas. Members are from pharmaceutical and biotechnology companies and from university and medical

center research facilities across the Eastern United States. Eight symposia were sponsored in 2007, including two full-day programs. Each half-day symposium included 5-6 speakers and 8 scientists presented at the full-day May and September symposia. Coffee breaks in the middle of each session provided opportunities for networking. The meetings were held in the new home of the New York Academy of Sciences at the World Trade Center. Approximately 80 to 100 scientists attended each program. The New York Section congratulates Dr. Barbara Petrack, Chair, and her committee for continuing the outstanding programs of the Biochemical Topical Group.

The Chemical Marketing and Economics Topical Group (Chair, Regis Schultis, Jr.) mission is to inform members and guests of economic and marketing issues of timely interest to the chemical and pharmaceutical industries. The Group has monthly luncheon meetings that take place September through June on the first Thursday of each month. The invited speaker from industry, the consulting profession or academia gives a 45 minutes presentation. This is followed by a question and answer period. Luncheon and the presentation are preceded by an informal social hour for networking and renewing and/or maintaining professional contacts. The luncheon meetings are held at The Chemists' Club in New York City. A plaque acknowledging the contributions of the speaker is presented at each meeting. Presenters were from Chemical and Engineering News, Morgan & Finnegan, LLP, New York City; Do-Coop Industries, Israel; Nexant Chem Systems, NY; Office of Research Grants ACS; Nano-C, Inc. MA; Broadwater Energy, NY; Greenhouse Gas emissions Markets Group of Evolution Markets LLC, NY; and AMT II Corp. In December, the CM&E Group co-sponsored with the New York Chapter of the American Institute of Chemical Engineers and the Bronx county Chapter of the New York State Society of Professional Engineers a full day seminar on "Reducing Carbon Dioxide Emissions: Short-Term and Long-Term Strategies ." The meeting was held at the Chemists' Club was very well attended. Speakers from industry, academia, government and consulting firms made presentations. Six organizations provided funding as sponsors, in addition to the fee charged for registration and the luncheon. Planning is already underway for a conference on "Water: The Next Oil" to be held at the end of 2008. A call for papers has already gone out. With the reduction of industry in the lower Hudson Region, the New York Section is particularly proud of the Analytical Group, Biochemical Group and the Chemical Marketing and Economics Group for bringing in speakers to keep the section members updated in the area of research and industrial activities.

The Computers in Chemistry Topical Group has two new co-chairs, Seogioo Jang of Queens College and Nicholas Petraco of John Jay College as of May 2007. Prof. Jang started an Association for Theoretical and Computational Chemists at CUNY to form an umbrella group for these people. It is well attended and the topical group would broaden it beyond CUNY. Professor

Angelo Rossi of York College is supportive of the new co-chairs and will remain the Committee. We will soon see a great increase in activity in the topical group covering this important area of chemistry. The Section is pleased with the revitalization of this group in 2007.

The High School Teachers Topical Group (Co-Chairs Jean Delfiner and Joan Laredo-Liddell) met 8 times in 2007.

The choice of topics for the Group includes cutting edge technology, educational techniques and demonstrations. Topics included: Hydrogen Fuel Cells; History of HS Laboratory Work in Chemistry and Physics; The Phantasic Photon; Neural Prostheses; Can Technology Save the Planet; The Use of Smart Boards; and The Chemist as Detective in Examining Art and Artifacts. The presentation of the Use of Smart Boards was done at SMART Technologies Corporation in NYC by a member of the company. The meetings are held at the Silver Center of New York University following a social and dinner at Café Pane e Cioccolato. The HS Topical Group invites member of the The Physics Club of New York and The Biology Teachers Association of New York City to the meetings. The average attendance is 30 to 50 depending on the topic. But in April the presentation is The Demo Derby, when 10-15 members present tried and true and new demonstrations and ideas to bring to the classroom tomorrow, the attendance jumps to 100. We are so pleased that Professor Rudy Jones of Essex County Community College and a director of Hudson-Bergen Subsection brings members of his class to all the meetings. Very unique for the group is that the Recording Secretary is a Junior at Hunter College High School. Her minutes are more detailed than some professionals. She has been coming to the meetings with her father, who works for the EPA and presents each year. Snacks are provided for those who cannot make the dinner. Since members from different organizations are always present, it allows for networking. The May meeting is our dinner meeting to celebrate another successful year.

Inorganic and Organometallic Chemistry Topical Group (Chair, Dr. Robert Beer) co-sponsored its meetings with the NY Academy of Sciences. Since the NYAS has moved and logistical and financial support from the Academy has changed, the Group will be changing its format to have a research round table, as well as, symposia with graduate students, post-docs and outside speaker, with the events being held at local institutions.

Metrowomen Chemists (New York and North Jersey)  
The New York Section co-chair, Dr. Nancy Tooney has been involved with the planning for the WCC luncheon to be held on Tuesday during MARM 2008. WCC requested and received a commitment from the national WCC and from the local chapter of the Association for Women in Science for funds to help defray luncheon costs and some speaker travel costs. Jodi Wesemann, who has responsibilities for two year college issues at national ACS, has agreed to be the luncheon speaker.

Nanotechnology, chaired by Dr. James Canary, has been enjoying a steady gain in popularity since its inception in March 2003. The New York Nanoscience

Discussion Group meets four times per year. The meetings take place at New York University on Tuesday evenings at 7:00 PM with greetings and refreshments, followed by a program at 7:30 PM. The program consists of three speakers, representing different areas of nanotechnology within different disciplines. Speakers presenting were from Columbia, Yale, NYU and the California Institute of Technology, as well as from research institutions and industry. Departments represented have included, chemistry, physics, biomaterials and biomimetics, radiology and pathology, and chemical engineering. Each speaker presents for 25 minutes and entertains questions for 5 minutes. The atmosphere is informal and collegial. In preparation, the schedule of meetings is set, a series of diverse stimulating panels is decided upon, invitations are extended to the speakers, and the event is promoted to an ever-growing list of 100 scientists in the tri-state area, as well as the 150 members of the NYU Department of Chemistry. Attendance at each meeting is approximately 40. The New York Section applauds one of its new groups for its success in the past 4 years.

Retired Chemists Topical Group focused on the Luncheon for the 50 and 60 years members of the New York Section. The Luncheon at the Tavern on the Green Restaurant in Central Park, NYC was listed as one of New York's top ten activities. (See Top Ten))

#### EDUCATIONAL ACTIVITIES:

The New York Section's top ten list - that was under the umbrella of Educational Activities- included Chemagination, High School Chemistry Olympiad, National Chemistry Week, Nichols Teacher Award, Project Seed and the Student Affiliate and Undergraduate Research Symposium. Please see detailed accounts of these activities under the Section's Top Ten Activities.

The Chemical Education Committee (Chair, Dr. Mary Maier) held The 12th Annual High School Research Poster Session at St. Joseph's. There were 43 posters from 7 high schools. The committee also sponsored the NCW Brooklyn High School Day at Brooklyn College. Approximately 150 students, student affiliates and faculty participated. There were demonstrations, lab tours and a speaker (Dr. Koji Nakanishi).

The Continuing Education Committee (Chaired by Dr. Donald Clarke) and the Chemistry Department of St. John's University held their annual symposium on November 1, 2007 titled Drug Discovery and Development.

Excellent talks were given by Dr. David Brown (St. John's University) The Role of Natural Product Chemistry in Drug Discover; Dr. Kristen Jespersen Pierce (Pfizer Global Research and Development) Statistics in Drug Development ; Dr. John Leazar (Merck and Company, Inc.) Green Chemistry: The Synthesis of a Selective Estrogen Receptor Modulator ; Dr. Deborah Evrard (Wyeth Research) CNS Drug Discovery: Challenges and Examples ; Dr. Gokul Kalur (IRIS Pharmaceuticals, Inc.) Pharmaceutical Process Development . It was a half day symposium arranged with the assistance of the St. John's Student Affiliate

Chapter of the ACS. There were about 100 attendees.

The Student Affiliate Group is to be congratulated, as two of its members were recognized by national ACS, Manhattan College/ College of Mt. St. Vincent with Dr. Pamela Kerrigan (Faculty Advisor) - Honorable Mention and Stern College of Yeshiva with Dr. Chaya Rapp (Faculty Advisor) - Commendable.

Community Outreach includes National Chemistry Week and Chemists Celebrate Earth Day. The New York Section held the Haiku Contest for Chemists Celebrate Earth Day. Fourteen projects were sent to the section and one was sent to the national competition. Twenty-three Haiku and posters were sent to the Section for National Chemistry Week and one was sent to the national competition. Because the Section received the \$3000 grant from LSAC, the Section distributed \$1100 in prize money

Chemistry Teacher Clubs were established through the Division of Chemical Education SOCED. The 2007 ACS High School Chemistry Club for the New York Section is Tenafly High School.

#### MEMBER AFFAIRS ACTIVITIES:

Awards (Chair, Dr. Stephen Goldberg) are an important activity of the section. Awards are given to over 200 high school students and college students. Dr. Goldberg sends certificates to the high schools in Manhattan and the Bronx. All the subsections have an awards night.

Employment and Professional Relations. Dr. Hussy Taft is our intrepid chair for this committee.

History of the New York Section activities has kept its chair, Dr. John Sharkey very busy this year. The New York Section's 2nd Annual Historical Chemistry Site Award went to IBM's Watson Research Laboratory and at the presentation Dr. Sharkey gave a summary of the New York Section of the American Chemical Society and also was responsible for the plaque that was presented. At the same time, Dr. Sharkey and his committee were putting together the information needed to present the Pfizer Laboratory as a possible National Historic Chemical Site. The Section was pleased that the Pfizer nomination was accepted in November 2007 and the presentation to IBM was on November 29, 2007. Please read more details in the top ten activities.

Indicator Committee members from New York, Neil Jespersen, Joan Laredo-Liddell and Stephen Goldberg met twice with the North Jersey members to review issues and discuss problems, i.e. the costs, etc.

Membership is an activity that every subsection has been working diligently on this year. The chair, Dr. Neil Jespersen, continues to welcome each new member to the section with a welcoming e-mail. Membership applications were sent to a number of colleges upon request.

Outstanding Service Award for the NY Section (Co-chairs, Jean Delfiner and Joan Laredo-Liddell) was presented to the 2007 winner, Dr. Vijaya Korlipara for her excellent work with Chemagination and for chairing both the Long Island Subsection and New York Section.

#### PUBLIC AFFAIRS COMMITTEES

Academe & Industrial Relations, Chair, Dr. Richard Goodman with Dr. Mary Cowman and the committee have been working on a symposium. The details are in place and the symposium will be presented in 2008.

Environmental Chemistry under the chairmanship of Dr. Barbara Hillery presented the 11th Annual Frances S. Sterrett Environmental Chemistry Symposium, "Liquified Natural Gas: Safe -n Sound? " on May 24th at Hofstra University. The speakers were Froydis Cameron from Broadwater Energy; Adrienne Esposito of Citizens Campaign for the Environment, Captain Peter Boynton of the United States Coast Guard, Douglas Hill, Consulting Engineer for Huntington, NY and William Horak from Brookhaven National Laboratory. This was the 11th symposium in a series of pertinent and up-to-date topics.

Fund Raising was discussed at the February Board Meeting and it was decided that a Fund Raising Letter should be send to the members of the Section. Frank Romano, in conjunction with his committee, drafted a letter that was sent to the membership in April 2007. In addition, the committee oversees the annual budgeting duties, worked on long term plans to increase programming to attract increased industrial interest in the section.

A Government Affairs committee was organized and chaired by Lori Zailowski of Dowling College. Members were encouraged to join LAN and make their voices heard.

Information Technology - The New York Section is privileged to have Dr. Anne O'Brien as the chair of Information Technology. Dr. O'Brien has encouraged on-line conference meetings as well as teleconferences.

Photography - An outside photographer was brought in to take the pictures of the Nichols Symposium and Dinner. In general, each subsection and topical group takes pictures for publicity of their events.

Speakers Bureau - Dr. Christian Rojas has kept the section informed of possible speakers for meetings and symposia. Also, there is a list of active speakers on the New York website.

#### EXECUTIVE COMMITTEES:

Audit (Chair, Dr. Philip Mark) Committee reviewed the Section's financial information and books and reported that all is in order.

Councilor Coordinator (Chair, Dr. Ronald D'Amelia) reported that the New York Section has 100% councilor attendance at Chicago and Boston National Meetings. At

the Board Meeting, the councilors reported on the activities they are involved with. The Councilor Coordinating Committee planned a joint meeting with the New York Section Long Range Planning Committee. All 2007 Councilors and Alternate Councilors were invited.

The purpose of the joint meeting was to discuss in general terms our strategy for the 2008 meetings. Because of time restraints, during December 2007, it was decided to hold a meeting after the luncheon after the Section-wide Conference.

Eastern Analytical Symposium (Frank Romano, Delegate) was held at the Garden State Convention & Exhibit Center and Double Tree Hotel Somerset, Somerset, NJ. The New York Section, a sponsor, manned Booth 530 for the Section and ACS National. It was the 2007 NY Section chair's pleasure to work the booth with Frank Romano and Yorke Rhodes and then to attend the dinner that evening.

Nichols Medal Jury (Chair 2007, Vijaya Korlipara) met at St. John's University to determine the Nichols Medalist for 2008. After much discussion, the Jury concluded that Dr. Nadrian Seeman of NYU would be the awardee. The Nichols Jury for determining the 2007 Nichols Award was Gerard Parkin and the Medalist was Nicholas J. Turro. (See Top Ten)

Nominating Committee, chaired by Dr. Marc Walters, presented the Report of the committee. All positions had a minimum of two candidates. No one ran unopposed. The ballots were returned to St. John's University and were collected through May 31, 2007. 444 ballots were received. The results: Chair-Elect for 2008 - Barbara Hillery; Treasurer for 2008-2009 - Stephen Goldberg, Director-at-Large for 2008 - Mary Cowman, Hessa Taft, Sharon Lall-Ramnarine, Councilor 2008-2010 - Jean Delfiner, Frank Romano, Vijaya Korlipara.

40th MARM - 2008 "Chemistry and Health " The chair is Paris Svoronos of Queensborough Community College, Treasurer, Frank Romano, Arrangements, David Sarno. Meetings were held throughout 2007. The Program is in place. The flier for MARM has already been sent. The Undergraduate Research Symposium will be held in conjunction with MARM. The members of the High School Teacher Topical Group are volunteering to help with the Demo Derby type session. A high school program is in place and should attract many teachers from the region. This information is being sent to all the schools in the immediate area.

OTHER:

A memo from M. Jacobs indicated the Carl Djerassi's play "Phallacy" would be playing in New York City. Anne O'Brien asked if the NY Chair would support the play. Notices were sent to all members. Tickets at \$28 for the ACS members for the May 20th, 3 PM performance at the Cherry Lane Theatre were negotiated. Over 30 ACS-NY members attended the production.

Members of the New York Section supported the North Jersey 2007 Leo Hendrik Baekeland Award Symposium and

Dinner honoring Dr. John Rogers and his work in Nanoscience. The presentation took place at the New Jersey Institute of Technology.

More details and photos can found at [www.newyorkacs.org/reports/NYACSReport2007.html](http://www.newyorkacs.org/reports/NYACSReport2007.html)  
(Case Sensitive)

## C. Local Section and Chair Goals

**2007 Goal Attainment.** The Local Section Activities Committee strongly encourages local section planning. As a result, the 2007 local section annual report should follow-up on the attainment of goals. Please list the goals you set at the beginning of your term for your section and yourself, and report on the attainment of the goals.

### a) Local Section Goals and Assessment:

1. To increase the number of relevant activities sponsored by Subsections and Topical Groups:

Each subsection and topical group had a full contingent of significant activities during 2007, many of them involving high school and college students. Many of the activities are listed in the summary of overall section activities. Activities presented were on the cutting edge of technology.

2. To continue working with other scientific organizations.

This goal was reached by the outstanding programs of the Analytical Topical Group(chair-Robert Nolan), Biochemical Topical Group(chair, Dr. Barbara Petrack), and Chemical Marketing and Economics Group(chair, Regis Schultis). Excluding national educational institutions that presented, involved were the New York Blood Center, Fox Chase Cancer Center, and AIChE. The Westchester Chemical Society works with the Tappan Zee Section of AIChE. Considering that most of the industry has left the lower Hudson Region, the Section is very proud of the chairs of the above Groups for keeping our members updated.

3. To expand our public outreach activities.

The New York Section had numerous activities that enticed public participation.  
National Chemistry Week: This successful program at the New York Hall of Science has exposed ACS-NY to over 1300 attendees on October 27. This year, the Section sponsored two Science Cafes with an attendance of nearly 100 people. The Long Island Section presented the 11th Annual Frances S. Sterrett Environmental Chemistry Symposium: "Liquified Natural Gas: Safe -n Sound? . Broadwater is a very relevant topic for Long Island and the Long Island Sound. It was well publicized and drew ACS members as well as the public. All of these programs were well advertised in the area, using TV, local newspaper, fliers, etc. and increased awareness of ACS-NY.

### b) 2007 Chair's Goals and Assessment:

1. To revitalize the Brooklyn and Rockland Subsections.

There are two subsections that are involved. Thanks to Jill Rehmann, 2006 NY Chair, for continuing with the Brooklyn Subsection. Steven Carlo, after a conversation at MARM at Ursinus College, is willing to work with the Rockland Subsection. Steven has become a major player in planning MARM 2008 and has put Rockland temporarily on "the back burner."

2. To continue expanding National Chemistry Week activities and participation.

The number of volunteers has increased to 235, an important factor since there were over 1300 attendees at the New York Hall of Science. The NCW committee will continue to work on this goal.

3. To present programs that will be of interest not only to the chemist but also the public.

Each of the NY subsections, committees and topical groups are committed to presenting programs of specific, as well as, general interest. The NY Section received a \$500 grant for establishing the Science Café. Due to the size of the Section, it was decided to hold two programs. One program was held to the north in Westchester and the other on Long Island. Both programs were presented by Dr. Susan Ettinger. Her topic was "Whole Food and Disease Prevention ." The Westchester Section had 5 of the 30 attendees ACS members and 25 people from the area.

4. To invite politicians to local activities and to make them award of ACS activities.

The mayor of the City of New York and the Chancellor of the New York Public School System have been invited to National Chemistry Week at the New York Hall of Science. A letter was sent to the Eliot Spitzer, Governor of the State of New York, listing all the activities for 2007. The reply was a New York State Proclamation for the New York Section.

5. To contact small local chemical companies and invite members to local meetings.

Since most of the pharmaceutical and industrial companies have left the lower Hudson Region, it is important that any small company be aware of ACS presence. The Westchester Chemical Society, a subsection, and the Long Island sub-section have done this as they prepared their Calendar for the year. Local companies have also been invited to participate in National Chemistry Week.

**2008 Goals.** (This section should be completed by the 2008 local section chair.) Please list below at least

2. three goals that you and your local section plan to accomplish during your term as local section chair.

a) 2008 Local Section Goals (Include at least three goals):

1. To continue working with other scientific organizations
2. Review and reinvigorate Subsections and Topical Groups
3. Establish a committee advisory group (Committee on committees)

4. Increase membership

b) 2008 Chair's Goals:

2008 Chair's Goals

1. Sustain National Chemistry Week activities and participation
2. Present programs that are of interest not only to the chemist but also the public
3. Reactivate the Government Action Committee (GAC) and establish NY Section interactions with local government
4. Expand teleconferencing and WebEx meetings

## D. Suggestions/Concerns

List any suggestions you have for the Local Section Activities Committee (LSAC). How can LSAC specifically help your section?

The New York Section is very grateful to LSAC for approving the grant of \$3000 for National Chemistry Week and the \$500, which we used to run 2 science cafes.

We believe that including the 60 year members to be honored is excellent. Since the NY Section always honored the 50 year members with a luncheon, it certainly put that budget in the red by adding the 60. The NY Section will put in for grant money to help defray the cost.

I attended the Leadership Conference in Baltimore in January 2006. I am sure that the program has changed over time, but I still would like to recommend the book, "The Leadership Challenge" by James Kouzes and Barry Posner. It was an excellent 'take home' item and most useful