

### Budget Update

The details of BNL's FY07 budget are beginning to emerge as Congress meets to craft an FY07 joint budget resolution before the current continuing resolution expires on February 15. Some positive developments this week may lead to a more optimistic budget outlook for BNL than was anticipated earlier this year.

A joint Senate and House of Representatives resolution on funding was approved by the House on Wednesday and will be taken up by the Senate next week. If approved by the Senate, the resolution would give DOE's Office of Science an additional \$200 million for its programs. DOE would then decide how its funds are apportioned among its programs.

In a related development, Senator Chuck Schumer issued a press release on Tuesday asking the Office of Science to use part of the funding increase to support two of BNL's biggest programs by giving an additional \$27 million to RHIC and \$25 million to NSLS-II.

"We deeply appreciate Senator Schumer's continuing strong support of the important research being conducted at Brookhaven," said Lab Director Sam Aronson. "The money he has requested could fund crucial research and development for NSLS-II, as well as a 20-week run for RHIC." — Peter Genzer

### Superradiance Observed in FEL Technique paves way for generating ultra-short pulses in future light sources

A team of researchers at BNL has generated extremely short light pulses using a new technique that could be used in the next generation of light source facilities around the world to catch molecules and atoms in action. Published on January 19, 2007, in *Physical Review Letters*, the research team's findings describe the use of a laser to control the pulse duration of light from a free electron laser (FEL), a type of light source with a brightness up to one billion times higher than that of ordinary synchrotron light. The team also reports the first experimental observation of a phenomenon called superradiance.

The Office of Naval Research provided funding for this study. National Synchrotron Light Source (NSLS) operations are funded by the DOE's Basic Energy Sciences program within the Office of Science.

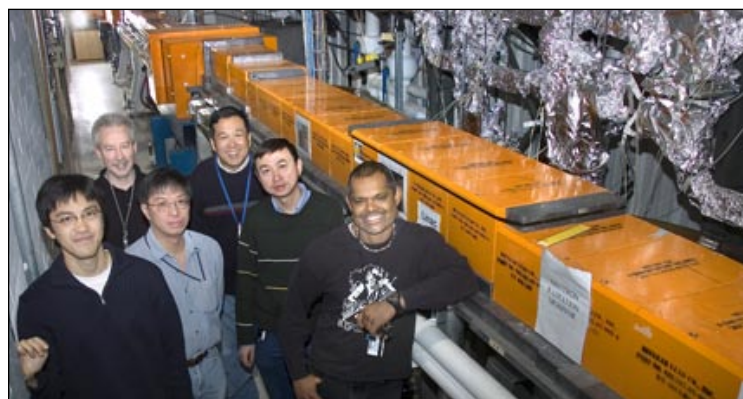
"In existing light sources, we take a static snapshot of a sample," said physicist Takahiro Watanabe of the NSLS Department, one of the paper's authors. "We get the location of the pieces, but what happens if the pieces move? You don't know how they actually got there. What you want is to take images along the way to see these things move, and that's where these ultra-fast sources come into play."

Co-authors on the paper are: James Murphy, Xijie Wang, James Rose, Yuzhen Shen, and Thomas Tsang of BNL; Luca Giannessi of the ENEA, Frascati, Italy; Pietro Musumeci of the National Institute of Nuclear Physics, Italy; and Sven Reiche of the University of California, Los Angeles.

Synchrotron light is produced by accelerating of a beam of electrons and sending it through a magnetic field. Generally, the pulse duration of both synchrotron and FEL light is determined by that of the electron beam. Tremendous effort has been devoted to generating short electron pulses, but scientists have been unable to shorten the electron pulse past a certain point. At BNL's Source Development Lab (SDL), researchers found a way to generate a very short FEL pulse that does not depend on the length of the electron pulse.

Superradiance was first proposed in 1954 as the most efficient way to extract energy from either atomic or molecular systems, but the SDL research group is the first to observe its effects in this type of FEL setup experimentally. Understanding how to produce these intense, ultrafast pulses of light could help scientists construct the next generation of light source facilities. — Kendra Snyder

For more details on this story, see [www.bnl.gov/bnlweb/pubaf/pr/PR\\_display.asp?prID=07-08](http://www.bnl.gov/bnlweb/pubaf/pr/PR_display.asp?prID=07-08).



At BNL's Source Development Lab are: (from left) Takahiro Watanabe, NSLS; James Murphy, NSLS; Thomas Tsang, Instrumentation Division; Xijie Wang, NSLS; Yuzhen Shen, NSLS; and Boyzie Singh, NSLS.

### Inside Stories

**In Memoriam: Victor P. Bond**  
**BSA, BNL Co-Sponsor Student Awards**  
**Then & Now — Concern for Employee Safety**

### New DOE Rule to Enhance Safety, Health of Workers Rule allows DOE to fine labs up to \$70K per violation, per day



Reviewing implications of the new DOE safety rule, which becomes effective on Friday, February 9, are members of the BNL Workers Safety & Health Group, with: (front, from right) Pat Williams, Manager of the Safety & Health Services Division, Mike Bebon, Deputy BNL Director for Operations; Sam Aronson, BNL Director; and: (standing, second from right) Jim Tarpinian, Assistant Laboratory Director for Environment, Safety, Health & Quality.

This month, DOE will take additional steps to ensure the safety and health of its workers with the launch of new DOE Rule 10 CFR, Parts 850 and 851. The rule was issued last year, and contractors (including BNL) were given one year to prepare for its implementation.

Under the new rule, each DOE site must have a DOE-approved Worker Safety and Health Program, and also must comply with certain safety and health standards. The rule also allows DOE to fine its national laboratories up to \$70,000 per violation, per day, for failing to comply with these standards. The new requirements are enforceable beginning February 9.

BNL formed a working group several months ago to identify possible gaps between the rule's requirements and BNL's safety and health programs. Managers will inform workers of their responsibilities under the new rule. BNL will also submit its Worker Safety & Health Program Description to DOE, as required.

The working group is chaired by Pat Williams, Manager, Safe-

ty & Health Services Division. According to Williams, the gap analyses show that BNL's Safety Program, as documented in the Lab's Standard Based Management System (SBMS), is compliant with the rule. So, if BNL workers follow the requirements in the safety-related subject areas, which include procedures, training, job risk assessments, work permits, and experimental safety reviews, BNL will remain in compliance with the rule. As an example, all employees must wear required personal protective equipment, follow all safety directions, and complete all necessary training for their particular job.

Proper work planning that includes worker and supervisor input is key to this effort. If work cannot be done in accordance with the requirements in a particular subject area, the supervisor must contact the point of contact for that subject area to have the work reviewed. Employees are urged to speak with their supervisor if they have any questions or concerns about the rule, or any safety or

occupational health issue.

BNL has continually stressed the importance of maintaining a safe, healthy, and secure workplace. "I believe that by highlighting the new rule on the Homepage, in the Bulletin and the Monday Memo, and above all, in informational meetings with managers and supervisors, our employees will understand what is expected of them, and that the whole procedure will have a positive effect on the overall health of all of our workers," said Lab Director Sam Aronson.

Employees who observe unsafe conditions should call the Environment, Safety & Health Hotline, Ext. 8800. Employees may also submit a safety concern or suggestion by using the ES&H Concern or Suggestion Form at: [http://intranet.bnl.gov/ESHQ/ESH\\_Concern\\_Form.asp](http://intranet.bnl.gov/ESHQ/ESH_Concern_Form.asp).

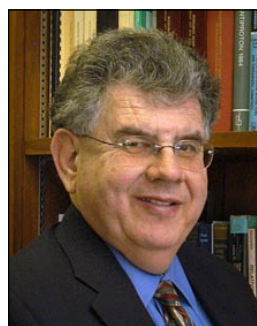
Employees also have the right to go directly to DOE with any concerns. A list of worker rights under the rule is at: [http://intranet.bnl.gov/eshq/files/ESH\\_Summary/2006/Oct\\_06/851\\_Poster.pdf](http://intranet.bnl.gov/eshq/files/ESH_Summary/2006/Oct_06/851_Poster.pdf).

— Jane Koropsak

### Four Brookhaven Lab Physicists Named AAAS Fellows



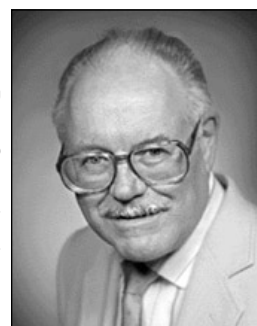
Roger Stoulenburgh D1860705



Joseph Rubino D1591106



Roger Stoulenburgh D6820406



Roger Stoulenburgh S-75391

Four BNL physicists — three currently working at the Lab and one retired — have been awarded the distinction of Fellow by the American Association of the Advancement of Science (AAAS). Pictured above are: (from left) Sally Dawson, Derek Lowenstein, John Tranquada and Gordon Danby, who will be among 449 AAAS members to receive this honor for their scientifically distinguished efforts to advance science or its applications. The new Fellows will be presented with their award on February 17, at the 2007 AAAS annual meeting in San Francisco. For more information on each honoree, see [www.bnl.gov/bnlweb/pubaf/pr/PR\\_display.asp?prID=06-127](http://www.bnl.gov/bnlweb/pubaf/pr/PR_display.asp?prID=06-127).

#### Sally Dawson

Sally Dawson was cited for "distinguished research in elementary particle physics and exemplary community leadership." As a theoretical physicist, Dawson has spent a large part of her career determining the characteristics of a hypothetical particle called the Higgs boson. She also helped formulate predictions for the top quark, an elementary particle discovered at the Tevatron collider at DOE's Fermi National Accelerator Laboratory in 1995.

#### Derek Lowenstein

Derek Lowenstein was cited for his "leadership in operating

the accelerators at Brookhaven National Laboratory, including the Relativistic Heavy Ion Collider [RHIC], the NASA Space Radiation Laboratory [NSRL] and the Alternating Gradient Synchrotron [AGS], at a very high level of performance." Since 2000, RHIC, a unique, world-class physics facility, has been recreating conditions of the early universe to study the properties of matter that existed just after the Big Bang. Operating since 2003, the NSRL simulates the harsh cosmic and solar radiation environment in space for research into the biological effects of space radiation. Since 1960, the

AGS has been one of the world's premiere accelerators, known for three Nobel Prizes won for research performed there. The AGS is the injector for RHIC.

#### John Tranquada

John Tranquada was recognized for "his outstanding neutron-scattering studies of the charge and spin ordering in the high-temperature-superconducting cuprates and related materials." In neutron scattering experiments at BNL's High Flux Beam Reactor in the 1980s, Tranquada and others discovered that the parent compounds of the superconducting (continued on page 2)



CALENDAR

OF LABORATORY EVENTS

— EACH WEEK —

Weekdays: Free English for Speakers Of Other Languages Classes

Beginner, Intermediate, Advanced classes. Various times. All are welcome. Learn English, make friends. See [www.bnl.gov/esol/schedule](http://www.bnl.gov/esol/schedule). html for schedule. Jen Lynch, Ext. 4894.

Mondays: BNL Social & Cultural Club

Noon-1 p.m., Brookhaven Center, South Room, free beginners dance lessons. Rudy Alforque, Ext. 4733, [alforque@bnl.gov](mailto:alforque@bnl.gov).

Mondays: Pilates/Yoga

12:15 p.m., Rec. Hall. Ext. 5090.

Mondays & Thursdays: Kickboxing

\$5 per class. Noon-1 p.m. in the gym. Registration is required. Christine Carter, Ext. 5090.

Mon., Tue. & Thu: Ving Tsun Kung Fu

Noon-1 p.m., Brookhaven Center, North Room. Taught by Master William Moy. Tuition. Scott Bradley, Ext. 5745 or [bradley@bnl.gov](mailto:bradley@bnl.gov).

Mon., Thurs., & Fri.: Tai Chi

Noon-1 p.m., Brookhaven Center North Rm. Adam Rusek, Ext. 5830, [rusek@bnl.gov](mailto:rusek@bnl.gov).

Tues. & Thurs: Jazzercise

Noon, Rec. Hall. Ext. 5090.

Tuesday & Thursday: Aerobic Fitness

5:15 p.m., Rec. Hall. 10 classes for \$40 or \$5 per class. Pat Flood, Ext. 7866, [flood@bnl.gov](mailto:flood@bnl.gov).

Tuesday & Thursday: Aqua Aerobics

5:15 p.m., Pool. Ext. 5090.

Tuesdays: Welcome Coffee

10 a.m.-noon, apartment area gazebo. First Tuesday of every month is special for Lab newcomers and leaving guests. Lisa Yang, 979-3937.

Tuesdays: BNL Music Club

Noon, North Room, Brookhaven Center. Come hear live music. Joe Vignola, Ext. 3846.

Tuesdays: Jiu Jitsu Club

6:30-7:30 p.m. Gym. All levels, ages 6 and above. \$10/class. Tom, Ext. 4556.

Tuesdays: Toastmasters

1st and 3rd Tuesday of each month, 5:30 p.m., Bldg. 463, Room 160. Guests, visitors always welcome. [www.bnl.gov/bera/activities/toastmstrs/](http://www.bnl.gov/bera/activities/toastmstrs/).

Tue., Wed. & Thu: Rec Hall Activities

5:30-9:30 p.m. General activities, TV, ping pong, chess, games, socializing. Christine Carter, Ext. 5090.

Wed. & Fri: On-Site Play Group

10 a.m.-noon, Recreation Bldg. An infant/toddler drop-in event. Parents meet while children play. Petra Adams, 821-9238.

Wednesdays: Ballroom Dance Class

Brookhaven Center, N. Ballroom. Instructor: Giny Rae. Arup Ghosh, Ext. 3974; Donna Grabowski, Ext. 2720; or Vinita Ghosh, Ext. 6226.

Wednesdays: Weight Watchers

Noon-1 p.m. Michael Thorn, Ext. 8612.

Wednesdays: Yoga

Noon-1 p.m., B'haven Center. Free. Ila Campbell, Ext. 2206, [ila@bnl.gov](mailto:ila@bnl.gov).

Wednesdays: Pilates/Yoga

5:15 p.m., Rec Hall. Ext. 5090.

Thursdays: Reiki Healing Class

Noon-1 p.m., Bldg. 211 Conference Rm. Nicole Bernholz, Ext. 2027.

Fridays: Family Swim Night

5-8 p.m. BNL Pool. \$5 per family.

Fridays: BNL Social & Cultural Club

Noon-1 p.m., Brookhaven Center, South Room, free beginners dance lessons. 7-11:30 p.m. North Ballroom, Dance Social, workshops. Rudy Alforque, Ext. 4733, [alforque@bnl.gov](mailto:alforque@bnl.gov).

CIGNA: Tuesdays, Bldg. 400

A CIGNA Healthcare representative will be on site in Human Resources, Bldg 400, on Tuesdays, to assist you with any claims issues that you have been unable to resolve yourself. Janice Petgrave will be available for 30-minute meetings, by appointment only, 10 a.m.-1 p.m. Bring all pertinent documentation to your meeting. To schedule, call Linda Rundlett, Benefits Office, Ext. 5126.

Four Brookhaven Lab Physicists Named AAAS Fellows

cuprates (compounds showing superconducting properties at the relatively high temperature of minus 220 degrees F) exhibit antiferromagnetism, in which adjacent magnetic atoms have their magnetic north poles pointing in opposite directions. Later,

In Memoriam: Victor P. Bond

Victor P. Bond, 87, whose service to BNL as a physician, senior scientist, Medical Department Chair, and Associate Director for Life Sciences spanned 44 years, died on January 23, 2007.

Born in Santa Clara, California,, Bond received his B.A. at the University of California (UC) Berkeley in 1943, and his MD at UC San Francisco in 1945, and Ph.D. in medical physics from UC Berkeley in 1952. He served as a medical officer in the U.S. Navy, 1945-1954, heading the Experimental Pathology Branch of the U.S. Naval Radiological Defense Laboratory in San Francisco, 1948-1954. Remaining in the Navy Reserves, he rose to the rank of Rear Admiral.

On December 30, 1954, Bond joined BNL's Medical Department as a physician and as Deputy Director of the BNL team delivering initial medical care to Marshall Islanders accidentally exposed to fallout from a U.S. nuclear test. He received tenure in 1956 and was named senior scientist and head of the Radiobiology Division in 1958. He held the Medical Department Chair, 1962-67, then was appointed Associate Laboratory Director for Life Sciences. In October 1984, he returned to Medical to pursue his biomedically oriented radiation research. While at BNL he also served as a Professor of Medicine in the Health Sciences Center of Stony Brook University, and as an adjunct professor of radiology at Columbia University. He retired on July 1, 1994, remaining active as a research collaborator until September 31, 1994. He moved to Richland, Washington, in 1997 and served there as an Adjunct Professor at the Washington State University Tri-Cities Campus for the remainder of his life.

Tributes

Among BNL colleagues, Stephen Musolino of the Nonproliferation & National Security Department said, "Vic Bond was a brilliant and influential scientist. His research fundamentally shaped our understanding of the risks of radiation and how this knowledge can be applied to protection standards."

Retiree Daniel Slatkin of the Medical Department writes of Victor Bond, "I appreciated him as a gracious man, an expert in high-dose radiation toxicity, and a pioneer in boron neutron-capture therapy research. He also contributed much to rational discourse nationally and internationally on the risks of background-level and low-dose radiation. His outstanding work will become more widely understood and appreciated with time."

Said Medical retiree Arland "Red" Carsten, "I feel most privileged to have known Vic since 1955. In addition to his limitless knowledge in several scientific fields, his willingness to share his

time, ideas and, as I later found, credit, with even a young scientist showed what a fine person he was. His many contributions to the fields of radiation biology, cell kinetics, and radiation protection will stand the test of time and have great meaning for generations to come. He was physician, scientist, scholar, mentor, and friend nonpareil."

From outside the Lab, both nationally and internationally, tributes to Bond have been made. "Victor Bond will be remembered with great fondness and admiration by his many colleagues and friends throughout the world," notes Thomas Tenforde, President of the National Council of Radiation Protection and Measurements (NCRP), to which Bond had provided valuable service for over two decades.

Some Science Highlights

Tenforde describes Bond as "a distinguished research scientist, who made many contributions to basic radiobiology in both laboratory studies and theoretical modeling of radiation interactions at the molecular and cellular levels. He did fundamental research on radiation damage to hematopoietic stem cells, cell kinetics, RNA synthesis, and microdosimetric modeling of radiation effects. In collaboration with Dr. Matesh Varma at BNL he developed the 'hit size effectiveness function' model for evaluating the effects of low-level radiation. A conference on 'Physical Insult From and Biological Response to Low-Level Ionizing Radiation' was held at BNL on November 3-4, 1994, in honor of Dr. Bond's many scientific contributions in this field of study."

Said Ludwig E. Feinendegen, Professor Emeritus of Nuclear Medicine at the Heinrich Heine University, Düsseldorf, Germany, who worked with Bond as a BNL staff member and is currently a research collaborator at the Lab, "Vic was a tireless contributor to the basic concepts in radiobiology in order to better understand and justify the needs for protecting mankind and the environment from the harmful effects of acute and chronic exposure to ionizing radiation. His drive, discipline, precision, and depth in analyzing a problem and his skill in compiling answers from his insights did not only benefit his research but it also brought him world-wide reputation as one of the most influential radiobiologists of his time. Moreover, he was mentor and friend to

Mort Rosen 10-1362-74

A View on Victor Bond's Scientific Contributions

Ludwig E. Feinendegen, Professor Emeritus of Nuclear Medicine at the Heinrich Heine University, Düsseldorf, Germany, who worked with Victor Bond as a BNL staff member, summarizes Bond's work as follows: "His seminal contributions spanned the cause and potential treatment of acute radiation sickness which he and his scientific collaborators identified as the consequences of radiation effects on stem cells in the blood-forming tissues and the intestinal tract of the exposed body. Regarding low-dose effects, he initiated the view that radiation risks from low doses should be compared to other ordinary risks in human life. He began to apply micro-dosimetry in the understanding of cell responses to low doses from internal and external radiation sources. His dosimetric and response research on critically exposed cells led him to warn firmly against overemphasizing the health risks from low-dose exposures by arguing for the existence of a threshold before irradiation becomes a hazard. His most thoughtful analyses showed that the conventional usage of the term absorbed dose in radiology and radiobiology is misleading in predicting effects from low doses. Accordingly and with far-reaching consequences he suggested a change in the approach to quantifying low exposure to ionizing radiation.

"These suggestions remain today acutely palpable in research and presently are being debated in recommending rules for radiation protection," Feinendegen says. "Moreover, the present world-wide legal usage of what is called the probability of causation in the evolution of health risks from radiation overexposure rests on Vic's most careful and profound studies on this issue and his precise recommendation on how to employ this approach to assessing risk.

"Bond's basic research also prompted important discoveries. One example is the early observation in 1958, by using autoradiography and tritium-labeled cytidine, that RNA is not synthesized in the cytoplasm of mammalian cells, as was believed widely at that time, but in the chromatin portion of the cell nucleus with its DNA, from where it moves largely intact within hours into the cytoplasm. This observation, made soon after the discovery of DNA structure by Watson and Crick, helped change a dogma in biology. A similar and equally seminal observation with Bond's support proved that DNA-synthesizing cells are present normally in the blood of human beings and certainly not a sign of leukemia. He was able to show that stem cells that circulate in the blood must have the potential to restore blood formation after high dose irradiation — a discovery currently of highest interest."

many colleagues and scholars from all parts of the world whom he cared for also after their work with him."

Honors, Other Service

Bond was the author or coauthor of more than 300 papers and four books. Among his honors were: an Honorary D.Sc. from Long Island University, 1965; Senior U.S. Scientist Award from the Alexander von Humboldt Foundation, 1984-1985; the Distinguished Scientific Achievement Award from the Health Physics Society, 1986; and the Distinguished Associate Award from DOE in 1990 for "research accomplishments, insight, and dedicated service which has substantially advanced the scientific basis for radiation protection."

Bond provided valuable service for many national and international organizations, for example, the NCRP, to which he was elected an Honorary Member in 1985. He was President of both the Radiation Research Society and the Fifth International Congress of Ra-

diation Research in 1974; and a member of advisory committees of the National Academy of Sciences, Department of Defense, National Aeronautics & Space Administration, Food & Drug Administration, and the National Institutes of Health. He was also on committees of the International Commission on Radiological Protection, the International Commission on Radiation Units and Measurements, and the American College of Radiology.

Victor Bond is survived by his four children: Barbara Williams, Frederick Bond, Robert Bond, and Beverley Matthews, their families; and his sister. He will be buried next to his wife of 47 years, Mary (Molly) Bond, on February 9 in a private ceremony on Long Island.

His family requests that contributions in his memory and in honor of his many scientific achievements be made to the National Council of Radiation Protection, 7910 Woodmont Avenue, Suite 400, Bethesda, Maryland 20814-3095.

— Liz Seubert

(cont'd)

Gordon Danby

Gordon Danby, a retired BNL physicist, was cited for "seminal contributions to magnet technology, including superconductive magnets for accelerators, the ultra-high precision g-2 magnet, magnets for MRI and magnetically levitated trains." Danby

assisted in the design and construction of high-performance and superconducting magnets for the AGS, the world's largest particle accelerator when it began operating in 1960. His contributions to accelerator magnet technology include the idea of using separate bending and fo-

cusing magnets for the Tevatron collider at Fermilab. All newly built accelerators use this type of magnet technology. Danby also played a major role in designing a superconducting magnet that is the world's largest in diameter for the muon g-2 experiment at BNL.

— Diane Greenberg



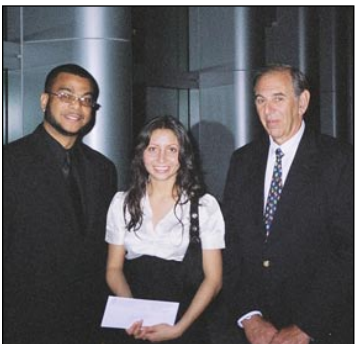
# BSA, BNL Co-Sponsor Student Awards At Biomedical Research Conference For Minority Students

BNL was one of twelve organizations that co-sponsored student presentation awards at the 2006 Annual Biomedical Research Conference for Minority Students (ABRCMS) held in Anaheim, California, from November 8–11. Brookhaven Science Associates, through the Office of Educational Programs (OEP), supported eight awards for posters & oral presentations depicting students' research in quantitative sciences.

Sponsored by the National Institute of General Medical Sciences, Division of Minority Opportunities in Research Program and managed by the American Society for Microbiology, ABRCMS is the world's largest professional conference for biomedical students, attracting 2,600 participants, including undergraduate and graduate students, postdoctoral scientists, faculty and administrators.

Beicer Tapia, a graduate student working toward her

master's degree in biochemistry at the City College of New York and a participant in OEP's College Mini-Semester Program in 2004, won a BNL-sponsored award for her poster, titled "Calculation of Proton Uptake in Paracoccus Denitrificans Cytochrome C Oxidase." Tapia used a computer program to calculate energies and view the structural changes in a protein found in soil bacteria when it is undergoing an oxidation-reduction reaction. An independent panel of faculty from U.S. universities judged her work.



Pictured with BNL's Noel Blackburn (left) and Melvyn Morris at the conference, Beicer Tapia, City College of New York and a participant in OEP's College Mini-Semester Program in 2004, won an award sponsored by BNL for her poster.

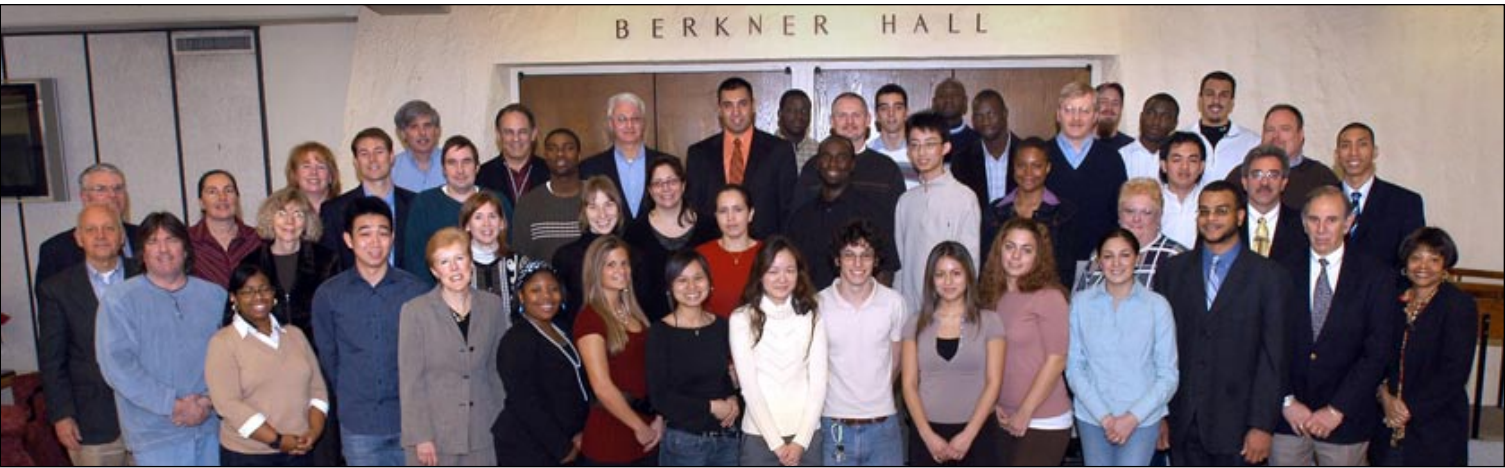
"It is gratifying to win this award from BNL," Tapia said. "Brookhaven was the first laboratory I ever visited, and its College Mini-Semester program was wonderful. I had to do a lot of work for the one-week program in which I learned about environmental science. The experience helped me to decide that I wanted to pursue a career in research."

Noel Blackburn, OEP's administrator of the College Mini-Semester Program, attended the ABRCMS conference, along with Melvyn Morris, OEP, to recruit students for OEP's intern-

ship programs. "We were proud that one of our mini-semester students won an award that we sponsored," Blackburn said. "I am glad that the mini-semester program continues to draw exceptionally talented and motivated students from all across the eastern U.S. seaboard."

This year, 26 students from 20 colleges attended the College Mini-Semester program, held from January 8-12. Students learned about the Lab's work in physics, chemistry, biology, medicine, computation, and nanomaterials through lectures conducted by BNL researchers. Also, they were treated to tours of the National Synchrotron Light Source, the Positron Emission Tomography facility, and the Relativistic Heavy Ion Collider. The program ended with students' giving group presentations based on a literature search on a selected environmental science topic.

— Diane Greenberg



Mini-Semester students with administrators, scientists and support staff who contributed to their successful one-week program at BNL, including Laboratory Director Sam Aronson (back row, second from left); Deputy Director for Science & Technology Peter Bond (far left); Director, Human Resources & Occupational Medicine Division Bill Hempfling (far left, third

row); Assistant Laboratory Director for Community, Education, Government & Public Affairs Marge Lynch (fourth from left, first row); Shirley Kendall, Diversity Office Manager (far right, first row), and Noel Blackburn, administrator of the Mini-Semester Program in the Office of Educational Programs (third from right, first row).

## Defensive Driving, 2/17

The next six-hour Defensive Driving (Point & Insurance Reduction) course will be held on Saturday, February 17, in Room B, Berkner Hall, 9 a.m.-3:30 p.m. Organized by the ESH&Q Directorate, and delivered by EAS Associates, the course is open to BNL, BSA, and DOE employees, facility-users, and their families. The cost is \$30 per person. Preregistration is required. To register, call Edward Sierra, 821-1013, and leave a message with your phone number. For more information, call Sarah Wiley, Ext. 4207.

## Interesting Lectures Ahead, 2/6, 2/21

**'Before the Big Bang? A Novel Resolution of a Profound Cosmological Puzzle.'** BSA Distinguished Lecture, Tuesday, 2/6: Roger Penrose, University of Oxford.

**'Aerosols, Clouds & Climate — From Micro to Macro.'** Brookhaven Lecture, Wednesday, 2/21: Yangang Liu, Environmental Sciences Department.

## LIANS Meeting, 2/7

The next meeting of the Long Island Chapter of the American Nuclear Society (LIANS) will be on Wednesday, February 7, at the South Shore Restaurant, Patchogue, on Rte. 112, just north of the NW corner of Sunrise Highway. Patrick Sullivan, Manager of Research Operations in BNL's Energy, Environment & National Security Directorate, will talk on "Sometimes When It Gets Too Hot You Need to Look in the Kitchen: The Legacy Fuel Coupon Transfer Project at Brookhaven National Laboratory." Complimentary appetizers/cash bar will start at 6 p.m., dinner at 7 p.m., and Sullivan's talk at 8 p.m. The cost is \$25 per person. Reserve by Monday, February 5, leaving a message with Arnie Aronson, Ext. 2606.

## Then & Now — Concern for Employee Safety

To mark the Lab's 60 anniversary, throughout 2007 the Bulletin will feature photos and/or articles to recall the "then" that brought BNL to "now." These two cartoons taken from the June 3 and July 8, 1959, issues of "The Bulletin Board," the employee newspaper, show that concern for employee safety and health dates to way back when. As for what BNL is doing in this line now, please see the lead article, top right on page one, which highlights the extreme importance of this topic to BNL and to DOE.

The Bulletin also asks for tales of old times and the loan of old photos of places and people, to be scanned for publication and returned. Contact Liz Seubert, lseubert@bnl.gov or Ext. 2346 with stories or photos.

## BSA Noon Recital: Anna Stoytcheva, 2/21

On Wednesday, February 21, at noon in Berkner Hall, Anna Stoytcheva, winner of the "Ettore Pozzoli" International Piano Competition in Milano, Italy, will play works by Brahms and Rachmaninoff. Sponsored by BSA, the company that manages BNL, noon recitals are free and open to the public. Visitors to the Lab must bring a photo ID.

## Informal English Language Class at Lunchtime

On Mondays at lunchtime, a new series of classes of English for Speakers of Other Languages (ESOL) at intermediate level will be held, 12:15-1:15 p.m., in Berkner Hall, Room D or A, upon availability. This informal class will include grammar, pronunciation, listening and speaking practice, and information on American culture. Jennifer Lynch, BNL ESOL Program Coordinator, who holds a Master's in linguistics with a focus on ESOL, will teach the class. Feel free to bring lunch. To register, contact Lynch, lynch@bnl.gov or Ext. 4894.

## Retirement Counseling

A TIAA-CREF consultant will visit BNL on Tuesday, Wednesday, and Thursday, February 13-15, to answer employees' questions about financial matters, helping to understand how to protect assets against inflation, find the right allocation mix, learn about TIAA-CREF retirement income flexibility, and compare lifetime income vs. cash withdrawal options. For an appointment, call Arlene Lyons, (866) 842-2053, Ext. 4629.



## CALENDAR

### — THIS WEEKEND —

#### Friday, 2/2

##### PERKS Card Discounts

10 a.m.-2 p.m. Berkner Hall Lobby. Armed with samples and this year's cards, a Perks Card representative and some local merchants will explain available discounts.

### — WEEK OF 2/5 —

#### Tuesday, 2/6

##### Preventive Health for Women

Noon-1 p.m. Berkner Hall, Room B. Patricia Edwards, ANP, and Jai Subramani, MD, will give the talk. Register with Michael Thorn, mthorn@bnl.gov or Ext. 8612.

##### \*BSA Distinguished Lecture

4 p.m. Berkner Hall. Roger Penrose, University of Oxford, England, will give a lecture titled "Before the Big Bang? A Novel Resolution of a Profound Cosmological Puzzle." The lecture is free and open to the public. Visitors to the Lab of 16 and older must carry a photo ID.

#### Wednesday, 2/7

##### Dentistry in the 21st Century

Noon - 1 p.m. Berkner Hall, Room B. "Dentistry in the 21st Century," by Mitchell N. Shapiro, DDS, FAGD. Current advances in dentistry. Register by calling Michael Thorn, Ext. 8612.

#### Thursday, 2/8

##### Sam's Club

11 a.m.-2 p.m. Berkner Hall lobby. A Sam's Club representative will explain opportunities for economical buying for members.

##### Diabetes: Alternative Therapies

Noon-1 p.m. Berkner Hall, Room B. Talk on alternative therapies for diabetes, by Amy Shapiro, RD. Register with Michael Thorn, mthorn@bnl.gov or Ext. 8612.

### — WEEK OF 2/12 —

#### Thursday, 2/15

Women, Food & Relationships Noon-1 p.m. Berkner Hall, Room B. "The Hungry Heart: Women, Food & Relationships," talk by Nancy Losinno, Employee Assistance Program Manager. Register with Michael Thorn, Ext. 8612.

### — WEEK OF 2/19 —

#### Monday, 2/19

**Lab Closed for Presidents' Day**  
No Bulletin this week.

#### Wednesday, 2/21

##### \*BSA Noon Recital

Noon. Berkner Hall. Pianist Anna Stoytcheva will play Brahms, Rachmaninoff. All are welcome. See notice above, left.

##### \*Brookhaven Lecture

4 p.m. Berkner Hall. Yangang Liu, Environmental Sciences Department, will talk on "Aerosols, Clouds, & Climate — From Micro to Macro." All are welcome to this free lecture. Visitors to the Lab of 16 and older must carry a photo ID.

Note: This calendar is updated continuously and will appear in the Bulletin whenever space permits. Submissions must be received by the preceding Friday at noon to appear in the following week's Bulletin. Enter information for each event in the order listed above (date, event name, description, and cost) and send it to bulletin@bnl.gov. Write "Bulletin Calendar" in the subject line.

## Arrivals & Departures

### — Arrivals —

Christian Chiaverini .....ITD.  
Mirko Milas ..... CFN

### — Departures —

Jonathan Essner .....NNS  
Edward Lacina ..... S&H Svcs.  
Takashi Umeda ..... Physics



## Classified Advertisements

### Placement Notices

The Lab's placement policy is to select the best-qualified candidate for an available position. Candidates are considered in the following order: (1) present benefits-eligible employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present benefits-eligible employees within the Laboratory; and (3) outside applicants. In keeping with the Affirmative Action Plan, selections are made without regard to age, race, color, religion, national origin, sex, disability or veteran status. Each week, the Human Resources Division lists new placement notices, first, so employees may request consideration for themselves, and, second, for open recruitment. Because of the priority policy stated above, each listing does not necessarily represent an opportunity for all people. Except when operational needs require otherwise, positions will be open for one week after publication. For more information, contact the Employment Manager, Ext. 2882. Access current job openings on the World Wide Web at [www.bnl.gov/HR/jobs/](http://www.bnl.gov/HR/jobs/).

The following positions have been exempted from the freeze by the Deputy Director:

OPEN RECRUITMENT – Opportunities for Lab employees and outside candidates.

**MK3763. POSTDOCTORAL RESEARCH ASSOCIATE** – Requires a Ph.D. in chemistry or related field. Experience in the following areas is desirable: preparation and characterization of transition metal complexes and organometallic compounds, manipulation of air-sensitive complexes, excited-state photophysics and photochemistry, electrochemistry, mechanistic and kinetic studies in solution, time-resolved spectroscopy, and techniques for characterization (UV-vis, FTIR, NMR, GC, ESMS, stopped-flow, X-ray diffraction, XANES/EXAFS, etc.) A strong background in physical inorganic chemistry is a plus. The aim of the project is to explore the production of solar fuels (methanol, hydrogen) through low-energy paths using photochemically produced hydride donors on transition-metal complexes. The photochemical conversion of carbon dioxide (or proton) into fuels poses many scientific challenges owing to the involvement of multi-electron processes coupled with hydrogen addition/loss and the formation of new covalent bonds. Robust catalysts including functionalized catalysts that mimic biological processes such as hydrogenases and an NADH (reduced nicotinamide adenine dinucleotide) cofactor will be prepared with the aim of catalytic hydrogenation/reduction of carbon dioxide beyond carbon monoxide and formate. Kinetics and mechanism of photochemical CO<sub>2</sub> reduction using these catalysts will be investigated. Under the direction of E. Fujita. Chemistry Department

**RM4263. PROJECT ENGINEER II/ INDUSTRIAL HYGIENE PROFESSIONAL (P-7)** Requires a bachelor's degree or higher in industrial hygiene (IH), chemistry, engineering, physical or life science, and at least seven years' experience in applying IH expertise in an industrial or a laboratory setting. Must have excellent written and oral communication skills and experience in word processing, spreadsheets, and databases. Must be able to demonstrate proficiency in the use of routine IH instruments and be qualified to perform typical IH tasks such as ventilation measurements, noise surveys, and aerosol monitoring. Will be responsible for conducting inspections and investigations of a wide variety of work processes, operations and environments in the workplace for compliance with OSHA and ACGIH exposure limits. Will be responsible for reporting and communicating recommendations on occupational health hazards, analysis or risk, and recommendations to prevent or eliminate worker exposure to hazards. Safety & Health Services Division.

### Motor Vehicles & Supplies

05 CHRYSLER PT CRUISER - sports wagon, 4dr., 4cyl., a/t, a/c, p/w, am/fm/cass., dual fr. airbags 13K mi. \$12,500. 413-2409.

04 TOYOTA SIENNA - LE, auto slidg dr, rear air; new tires, brakes; last call. 51K mi. \$13,300/neg. Kim, Ext. 2786 or 816-9088.

01 OLDMOBILE ALERO - silver, 2dr, leather, a/t, 4cyl, cd player, p/w, p/l, grt cond. 100K mi. \$5,000/neg. 744-7556.

99 FORD WINDSTAR LX - loaded w/re-mote start & alarm, red, rf rack, prof. maint. 63K mi. \$5,500/neg. 689-8134.

98 VW PASSAT - 1.8T, 4dr., 5spd., a/t, a/c, m/roof, cd-chgr, fr. & side air bgs, exc. cond. 78K mi. \$6,700/neg. Ext. 2576 or 750-3244.

96 HONDA 1100 ACE - metic. kept cruiser, grt shape, 36K mi. \$5,000/neg. Robert, Ext. 4798 or 235-3440.

96 HONDA CIVIC - 4dr., LX, blk./gray, a/t, a/c, 6cd chgr, m/roof, p/w, p/l, gd. cond. 155K mi. \$3,300/neg. Ext. 2576 or 750-3244.

92 TOYOTA TERCEL - 2dr, 4spd mnuul, excel. cond. 147K mi. \$1,000/neg. 342-3965.

86 HARLEY DAVIDSON FLHTC - 65.000 mi. \$7,000/neg. Bob, Ext. 7802.

85 PROWLER TRAVEL TRLR - 28'. Slps 6. Set for beach. Applics. work. Needs some work. \$1,000/neg. Ext. 7912 or 516-316-6346.

TIRE - Michelin 245/70-17, new all season tire on steel rim, was spare, never used. \$25. Joe, 516-768-4331.

## Be a BNL Ambassador — Learn More About the Lab, 2/14

The Lab's Envoy Program is searching for employees who would like to learn more about the Lab and be ready to talk to friends, family, or neighbors, about interesting news — in fact, to be a BNL ambassador. All employees are welcome to attend the next Envoy meeting, on Wednesday, February 14, at 9 a.m. in the Large Conference Room, Bldg. 490. At the meeting, Barbara Blenn, the Envoy Program Coordinator, will explain more about the program, and Lab researcher Steve Schwartz will give a talk on global warming and atmospheric science.

“The time obligation to be an envoy is minimal,” says Blenn. “We have monthly meetings featuring a variety of speakers ranging from scientists to budget analysts, human resources professionals, and engineers. The more employees know about what's happening at the Lab, the better informed they can keep family and friends, and even other people. It's a two-way communication vehicle for promoting BNL's research highlights face-to-face.”

A light breakfast will be served. For more information on the Envoy program, contact Barbara Blenn, Ext. 4458, or [blenn@bnl.gov](mailto:blenn@bnl.gov).

### Furnishings & Appliances

**BASSINET** - Eddie Bauer “B” is for Bear wooden, rocking, never used, see BabiesRus.com. \$100. 516-449-1623.

**BEDROOM** - Girl's antique white oak desk w/hutch, matching headbrd., pic avail. \$100. Tom, Ext. 3085 or 744-4535.

**FUTON** - love seat size w/wooden frame, extra thick mattress, used twice, good for small room. Ask \$250. Bill, Ext. 7131.

**GAS STOVE** - GE Spectra Model XL44, oversz oven, 30wx26dpx47h, spcl burners, hardly used. \$300. Ext. 3492 or 734-2593.

**KITCHEN PANS** - 2 sm. loaf pans, 1 med. saucepan, all gd. shape. \$5/all. Ext. 2362.

**MICROWAVE OVEN** - Emerson #MW8625W, v.gd. cond., 5 power settings & simple timer, Ask \$20. Phil, Ext. 5669.

**MICROWAVE OVEN** - Sharp, touch screen, manual, vg cond. \$50 firm. Ed, Ext. 3050.

**REFRIGERATOR** - 27 cu. ft., beige Kitchen Aid, side-by-side, ext. ice & cold water dispensers, mint cond. \$350. 473-6546.

**ROCKER** - vintage Bentwood w/cane seat & back, excel. cond., \$75. 744-4237.

**SECTIONAL, ROCKER, MISC. FURN.** - Natuzzi dk grn sect. couch, rocker w/ottoman, lg. corner desk, bookcase, 331-3540.

**STOVE** - beige, gas, GE, XL 44, 6 yrs. old, 4 burner, lg. oven. Ask \$100. 924-4290.

### Audio, Video & Computers

**CAR STEREO** - Kenwood, am/fm/cd, 47 watts x 4, removable face plate, model KDC-516S, \$50 neg. Ext. 7746 or 580-2940.

**CAR STEREO** - DuraBrand, in-dash, CD/MP3/CDR-RW playback w/MP3 display, 45Wx4, more. \$100. 434-5824.

**COMPAQ** - DeskPro, broken, hd disk not rcgnzd, if you fix you get: DVD, Office 95, Windows95 & Pentium 3. \$30. Ext. 2362.

**DELL INSPIRON 700M** - 1.8 Pentium M, 1.3 GB RAM, 80 GB h/drv, DualLayer DVD/RW, SD&CF readers, +5-hr batt. \$550. Ext. 7451.

**LASER PRINTER** - Brother HL-1240, gd cond. w/xtra unopened 6000 page toner cartridge. USB/Parallel. \$40. Ext. 2492.

**PHOTO PRINTER** - Kodak Prof. 1400, photo qual., dye-sublimatn printer, like new, prints to 8"x14" \$300. Ext. 2326.

**RCA DIMENSIA 26** - Console made of oak in almost perf. cond. TV blt. 1985, wrks well. \$75. Ext. 208-6605 or 275-8445.

**TV** - Sony 36" WEGA. \$175 obo. 676-5813.

### Miscellaneous

**TICKETS** - 5 tkcts to “Alice,” Staller Center, Feb. 4, 2 p.m. \$10/ea. John, Ext. 4028 or 821-5334.

### Happenings

**CHINESE NEW YR SPECTACULAR** - Radio City Music Hall, 2/14-17. Chinese culture in classic performing arts. \$50-\$180, Lab empl. disc: 15%, promo code: VIP15. Tkt sale (888) 260-6221. Online: [www.BestChineseShow.com](http://www.BestChineseShow.com). See [www.gala.ntdtv.com](http://www.gala.ntdtv.com).

**LATIN RHYTHMS CONCERT** - “Latin Rhythms,” Sun., 2/4, 2 p.m., Longwood Library. Yvette M. Blum w/Bob Boutcher, guitar/piano. Free. Yvette, Ext. 5591.

**THE SOUNDS OF MUSIC** - Sound Symphony concert, Sat., 2/3, 8 p.m. Wm. Floyd HS, Vivaldi Copland, Tchaikovsky, under 12 free. Ext. 5056.

### Free

**FELINE RENAL MAINTENANCE SUPPLIES** - diet food and fluids, free. Ext. 3225.

**SKIS AND BOOTS** - precision 74" w/marker bindings, 54" poles, Nordica men's 10 1/2 boots, pick up in Bellport. 286-1396.

### Wanted

**CLOTHING RACKS** - for the thrift store at Cutchogue United Methodist Church, will pick up. Susan, Ext. 3492 or 734-2593.

**HOME HEALTHAIDE, NON MEDICAL** - needed Mon-Fri, 3-4 hrs. in a.m. to help elderly, non Alz. woman. Dependable, light cleaning, cook, errands. Ext. 5090 or 828-2172.

### Lost & Found

**FOUND GLOVES** - women's, back leather. Ext. 3670.

### For Rent

**BROOKHAVEN** - house in Brookhaven Hamlet, very quiet area, use of kit., w/d, cable for TV & computer, nice b/yard for barbecues. \$520/mo. Sidney, 286-4028.

**CENTER MORICHES** - 1-bdrm. apt., 2nd flr., pvt. ent., prkg., gar., ht./wtr. incl., 1 mo. sec. req'd., suitable single, no pets/smkg. \$875/mo. Lois, 375-7264.

**FARMINGVILLE** - 2 apts., no pets/smkg; 1 bdrm. bsmt, \$1000/mo.; 2-bdrm. duplex, 1-1/2 baths, w/sep. ent. & balcony, f/p, incl. all. \$1,700/mo. 736-7507.

**FARMINGVILLE** - 2-bdrm. duplex apt., f/p, 1-1/2 baths, all incl. except gas/fireplace, sep. ent. w/balc., 1 month security. \$1,700/mo. Eloisa, 736-7507.

**HOLBROOK** - 1 bdrm. apt.: Lots of space, large kitch. & bath, 1/r, study, 4 closets, small pet neg., priv. entr., incl. all utilities, internet, cable \$975/mo. lan, 588-2098.

**MANOR PARK** - 2 bedroom house, 10 minutes to Lab, lg. kit., fenced in back yard, bsmt. \$1,500/mo. 801-2529.

**MASTIC BEACH** - full bath w/new tile floor, rec. renov., fresh paint, 100 x 100 property on quiet st., new dr/way, avail. immed. \$1,500/mo. Ext. 7658 or 495-2596.

**NESCONSET** - 1 furn. rm. in 2-bdrm. apt., share bath, kit. & 1/r, short term, avail. 2/11 - 4/22. \$185/wk. Mark, Ext. 2247.

**NORTH PATCHOGUE** - 2-bdrm. bsmt. apt. w/lg. windows, no pets/smkg. \$900/mo. Tom, 265-3754.

**ROCKY POINT** - 1-bdrm. house, lg. 1/r, lg. kit., bath, bsmt., no pets/smkg., water incl. \$1,075/mo. John, 744-8919.

**WADING RIVER** - studio apt., new clean, pvt. ent., util. incl. (elec., heat, cable & water), full kit., bath, 10 min. to BNL, single non-smoker. \$700/mo. 466-7165.

**WADING RIVER** - 2 bdrm., 2 full bath, plus util. \$1,400/mo. Craig, 331-0237.

**WADING RIVER** - Cape Cod on quiet street, excel. cond., a/c, f/p, bsmt., 4 bdrm., 9 mi. to Lab. \$1,675/mo. 929-8321.

**YAPHANK** - fully furnished studio apt., 4 miles from Lab, high speed internet, all incl., avail. 2/1. \$850/mo. 924-3049.

### On-Site Services

**ON-SITE SERVICE STATION** - All vehicle services, NYS inspections, repairs, etc., done while you are at work. Ext. 4034.

### In Appreciation

Thank you to all my BNL friends who extended congratulations at the announcement of my retirement. The party, gifts, cards and all the well wishes are greatly appreciated. I will surely miss all of you and wish you well. — Sharon Jones

Special thanks to the Magnet Division and all my friends at BNL for your kind-heartedness and support during the illness and passing of my wife, Elizabeth Vanessa Williams. May God richly bless you. — Mitchell Williams & Family

**ADS OMITTED** - We regret that some ads have been omitted due to lack of space. To see all ads, go to [www.bnl.gov/bnlweb/pubaf/bulletin/2007/bb020207.pdf](http://www.bnl.gov/bnlweb/pubaf/bulletin/2007/bb020207.pdf).

## BERA Trips

*Buy tickets at the BERA Store in Berkner Hall, weekdays, 9 a.m.-3 p.m. Buses leave BNL from the Brookhaven Center.*

**Atlantic City** bus trip on Saturday, 3/3, \$25 per person, \$15 back in cash. Leave BNL 8 a.m.

**Ringling Brothers & Barnum & Bailey Circus**, Madison Sq. Garden, Sunday, 4/15. \$33 per person. 11 a.m. show, leave BNL 8:30 a.m.

## Attn.: All BNL Employees & Site Community Prepare for Safety/Health Audits, 2/5-9

BNL's Integrated Safety Management System is crucial to Lab operations because it documents, through experience and analysis, how to plan and conduct work in a safe manner at the Lab. It also is a key requirement of our contract with DOE.

Part of BNL's total commitment to the Integrated Safety Management System includes the ISO14001 Environmental Management System (often called EMS), and the OHSAS 18001 Occupational Safety & Health Management System (often called OSH). Each requires an annual internal audit to be conducted by trained personnel. OTo keep the audit impact on employees at a reasonable level, the Environmental Management System and Occupational Safety & Health Management System internal audits will be combined this year.

### All On-Site Personnel Are Expected to Know That:

While the auditors will not interview everyone, all employees are expected to know that BNL has an Environmental, Safety, Security, and Health Policy. This policy is posted throughout the Lab and is available on the web at [www.bnl.gov/eshq/files/pdf/ESSH\\_policy\\_9-6\\_hi.pdf](http://www.bnl.gov/eshq/files/pdf/ESSH_policy_9-6_hi.pdf).

Also, all employees must be familiar with the environmental, safety, and health aspects of their work, all hazards associated with it, and the consequences that could result from performing work outside of established controls.

For more information concerning the **Environmental Management System**, call George Goode, Ext. 4549; or John Selva, Ext. 8611; your dept/div Environmental Management System Representative; or your Environmental Compliance Representative. For questions about the **Occupational Safety & Health Management System**, call James Tarpinian, Ext. 8370; Pat Williams, Ext. 8211; your dept/div Occupational Safety & Health Representative; or your Safety & Health Representative.

## Valentine's Day Blood Drive, 2/14

BNL will hold a blood drive on Valentine's Day, Wednesday, February 14, 9:30 a.m. - 3 p.m. at the Brookhaven Center. Donors must be 16 to 75 years of age, in good health, and weighing over 110 lbs. Restrictions may apply to individuals from the United Kingdom and Europe. Donors should have photo identification and know their social security number. To make an appointment, log on to the Human Resources webpage, click on “Blood Drive” and select “Schedule an Appointment”. For more information, contact Susan Foster, Ext. 2888, or Liz Gilbert, Ext. 2315.

## Pick a Summer Student

Student applications for the summer 2007 undergraduate science internship programs sponsored by DOE's Office of Workforce Development for Teachers & Scientists are now available for review on an electronic database. Contact Kathy Gurski of the Office of Educational Programs (OEP) at Ext. 4503 or [gurski@bnl.gov](mailto:gurski@bnl.gov) for the database address and passwords. Selections for the first round choices must be submitted by February 28. Students will be here for ten weeks, from June 4 to August 20. Stipends, housing, and travel are funded through OEP with a \$1,000 cost share requested from the hosting department. See also [www.bnl.gov/education/](http://www.bnl.gov/education/).

## Please, remember to contribute canned goods to the BNL Food Drive. Bins are in almost every building.

### Send a Love Note to Your Valentine — by February 18!

Is there a special message you'd like to send to your valentine? Are you looking for a valentine? You can have your Valentine's Day message printed in The Bulletin on February 16.

Send your 15-to-20 word “love note” to The Bulletin by Thursday, February 8. If you use paper, send it to BNL, The Bulletin, Bldg. 134, Upton, NY 11973, and mark the envelope “Valentine's Day.” If you use

the forms on the web, use the form for “Miscellaneous,” and mark it “Valentine's Day” at the beginning of the message. Or, e-mail your message to [bulletin@bnl.gov](mailto:bulletin@bnl.gov). You must include your name and life number and extension or home phone, but your name will not be printed unless it is clearly part of the message. Copy must be deemed tasteful. All “love notes” will be accepted at The Bulletin's discretion.

## ‘The Gathering of the Slides V’ Concert, 2/24 With the Kerry Kearney Band, Little Toby Walker, Kane Daily Band & Dee Harris

“The Gathering of the Slides V,” a blues concert featuring the Kerry Kearney Band, Little Toby Walker, the Kane Daily Band, and Dee Harris will be held on Saturday, February 24, at 7 p.m. in Berkner Hall. Sponsored by the BNL Music Club, the concert is open to the public. All visitors to the Lab age 16 and over must bring a photo ID. Tickets cost \$15 each and may be purchased at the BERA Store or at [www.ticketweb.com](http://www.ticketweb.com). Early purchase is recommended because “The Gathering of the Slides” concerts have been sold out in the past.

### Eight Weeks of Adult Swim Lessons Begin March 4

Lessons will be at the BNL pool, 5:30-6:30 p.m. Mail a check for \$80, payable to BERA, to the Recreation Office, Bldg. 400. The \$3 charge or monthly pass to enter the pool costs extra.

## Hospitality Valentine Dessert Party, 2/11

The Hospitality Committee will host a Valentine's Party on Sunday, February 11, at 2 p.m. at the Recreation Hall, Bldg 317. Beverages and desserts will be served and DJ music will be provided. Participants are welcome to bring a dessert to share. For more information, contact Jing Rochman, 891-9430, or Sharon Sugama, 929-0643.

## Motor Vehicles & Supplies

05 CHRYSLER PT CRUISER - sports wagon, 4dr., 4cyl., a/t, a/c, p/w, am/fm/cass., dual fr. airbags 13K mi. \$12,500. 413-2409.

04 TOYOTA SIENNA - LE, auto slidg dr, rear air; new tires, brakes; last call. 51K mi. \$13,300/neg. Kim, Ext. 2786 or 816-9088.

01 OLDMOSBILE ALERO - silver, 2dr, leather, a/t, 4cyl, cd player, p/w, p/l, grt cond. 100K mi. \$5,000/neg. 744-7556.

99 FORD WINDSTAR LX - loaded w/re-mote start & alarm, red, rf rack, prof. maint. 63K mi. \$5,500/neg. 689-8134.

98 VW PASSAT - 1.8T, 4dr., 5spd., a/t, a/c, m/roof, cd-chgr, fr. & side air bgs, exc. cond. 78K mi. \$6,700/neg. Ext. 2576 or 750-3244.

96 HONDA 1100 ACE - metic. kept cruiser, grt shape, 36K mi. \$5,000/neg. Robert, Ext. 4798 or 235-3440.

96 HONDA CIVIC - 4dr., LX, blk./gray, a/t, a/c, 6cd chgr, m/roof, p/w, p/l, gd. cond. 155K mi. \$3,300/neg. Ext. 2576 or 750-3244.

92 TOYOTA TERCEL - 2dr, 4spd mnuul, excel. cond. 147K mi. \$1,000/neg. 342-3965.

86 HARLEY DAVIDSON FLHTC - 65.000 mi. \$7,000/neg. Bob, Ext. 7802.

85 PROWLER TRAVEL TRLR - 28'. Slps 6. Set for beach. Applics. work. Needs more work. \$1,000/neg. Ext. 7912 or 516-316-6346.

TIRE - Michelin 245/70-17, new all season tire on steel rim, was spare, never used. \$25. Joe, 516-768-4331.

## Furnishings & Appliances

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BEDROOM - Girl's antique white oak desk w/hutch, matching headbrd., pic avail. \$100. Tom, Ext. 3085 or 744-4535.

FUTON - love seat size w/wooden frame, extra thick mattress, used twice, good for small room. Ask \$250. Bill, Ext. 7131.

GAS STOVE - GE Spectra Model XL44, oversz oven, 30wx26dp47h, spcl burners, hardly used. \$300. Ext. 3492 or 734-2593.

KITCHEN PANS - 2 sm. loaf pans, 1 med. saucepan, all gd. shape. \$5/all. Ext. 2362.

MICROWAVE OVEN - Emerson #MW8625W, v.gd. cond., 5 power settings & simple timer, Ask \$20. Phil, Ext. 5669.

MICROWAVE OVEN - Sharp, touch screen, manual, vg cond. \$50 firm. Ed, Ext. 3050.

REFRIGERATOR - 27 cu. ft., beige Kitchen Aid, side-by-side, ext. ice & cold water dispensers, mint cond. \$350. 473-6546.

ROCKER - vintage Bentwood w/cane seat & back, excel. cond., \$75. 744-4237.

SECTIONAL, ROCKER, MISC. FURN. - Natuzzi dk grn sect. couch, rocker w/ottoman, lg. corner desk, bookcase, 331-3540.

STOVE - beige, gas, GE, XL 44, 6 yrs. old, 4 burner, lg. oven. Ask \$100. 924-4290.

## Audio, Video & Computers

CAR STEREO - Kenwood, am/fm/cd, 47 watts x 4, removable face plate, model KDC-516S, \$50 neg. Ext. 7746 or 580-2940.

CAR STEREO - DuraBrand, in-dash, CD/MP3/CDR-RW playback w/MP3 display, 45Wx4, more. \$100. 434-5824.

COMPAQ - DeskPro, broken, hd disk not rcgnzd, if you fix you get: DVD, Office 95, Windows95 & Pentium 3. \$30. Ext. 2362.

DELL INSPIRON 700M - 1.8 Pentium M, 1.3 GB RAM, 80 GB h/drv, DualLayer DVD/RW, SD&CF readers, +5-hr batt. \$550. Ext. 7451.

LASER PRINTER - Brother HL-1240, gd cond. w/xtra unopened 6000 page toner cartridge. USB/Parallel. \$40. Ext. 2492.

PHOTO PRINTER - Kodak Prof. 1400, photo qual., dye-sublimatn printer, like new, prints to 8"x14" \$300. Ext. 2326.

PIONEER CAR STEREO - Pioneer, 50W/ch, CDR-RW/MP2/WMA plybk, sat & ipod cmptat, like new. \$180. Laura, Ext. 7842.

RCA DIMENSIA 26 - Console made of oak in almost perf. cond. TV blt. 1985, wrks well. \$75. Ext. 208-6605 or 275-8445.

TV - Sony 36" WEGA. \$175 obo. 676-5813.

## Sports, Hobbies & Pets

AB SCISSOR MACHINE - Body by Jake Ab Scissor. excel. cond., looks and performs like new. \$60. Travis, Ext. 7451.

## Miscellaneous

CAGE - Concepts Collection, Midwest Homes for Pets, made in USA, model 36ZN, 36lx32wx24h, fair cond. 513-8504.

CAR SEAT - Graco, infant, excel. cond., very clean. Ask \$30. 891-9430.

COAT - grey, full length, Donnybrook, size 4 petite, 100% wool, like new, fully lined. \$50. Ext. 2362.

ELECTRIC HEATER - Honeywell baseboard heater, adj. thermostat, 2 heating levels, 1000/1500W, 40" long \$25. Ext. 3217.

LUGGAGE - Rolling duffel bag, 36"x14"x15" has zippered bottom suitcase. For summer camp/travel. New, unused. \$35. Ext. 3973.

MOUNTAIN BIKE - Schwinn, \$80, incl. pump; VHS plyr/rec. \$15; Breadmaker Breadman Pro w/mnuul, \$50, Marco, Ext. 2110.

TICKETS - 5 tickets to "Alice" at Staller Center. \$10/ticket. John, Ext. 4028.

## Happenings

CHINESE NEW YR SPECTACULAR - Radio City Music Hall, 2/14-17. Expresses Chinese culture in classical performing arts. \$50-\$180, Lab empl. disc: 15%, promotion code: VIP15. Tkt sale (888) 260-6221. Online: [www.BestChineseShow.com](http://www.BestChineseShow.com). See website: [www.gala.ntdtv.com](http://www.gala.ntdtv.com).

LATIN RHYTHMS CONCERT - "Latin Rhythms," Sun., 2/4, 2 p.m., Longwood Library. Yvette M. Blum w/Bob Boutcher, guitar/piano. Free. Yvette, Ext. 5591.

THE SOUNDS OF MUSIC - Sound Symphony concert, Sat., 2/3, 8 p.m, Wm. Floyd HS, Vivaldi Copland, Tchaikovsky, under 12 free. Ext. 5056.

## Free

FELINE RENAL MAINTENANCE SUPPLIES - diet food and fluids, free. Ext. 3225.

SKIS AND BOOTS - precision 74"w/marker bindings, 54" poles, Nordica men's 10 1/2 boots, pick up in Bellport. 286-1396.

## Wanted

CLOTHING RACKS - for the thrift store at Cutchogue United Methodist Church, will pick up. Susan, Ext. 3492 or 734-2593.

HOMEHEALTH AIDE, NONMEDICAL - needed Mon-Fri, 3-4 hrs. in a.m. to help elderly, non Alz. woman. Dependable, lt. cleang, cook, errands. Ext. 5090 or 828-2172.

## Lost & Found

FOUND GLOVES - women's, back leather. Ext. 3670.

## For Rent

BROOKHAVEN - house in Brookhaven Hamlet, very quiet area, use of kit., w/d, cable for TV & computer, nice b/yard for barbecues. \$520/mo. Sidney, 286-4028.

CENTER MORICHES - 1-bdrm. apt., 2nd flr., pvt. ent., prkg., gar., ht./wtr. incl., 1 mo. sec. req'd., suitable single, no pets/smkg. \$875/mo. Lois, 375-7264.

FARMINGVILLE - 2 apts., no pets/smkg; 1 bdrm. bsmt, \$1000/mo.; 2-bdrm. duplex, 1-1/2 baths, w/sep. ent. & balcony, f/p, incl. all. \$1,700/mo. 736-7507.

FARMINGVILLE - 2-bdrm. duplex apt., f/p, 1-1/2 baths, all incl. except gas/fireplace, sep. ent. w/balc., 1 month security. \$1,700/mo. Eloisa, 736-7507.

HOLBROOK - 1 bdrm. apt.: Lots of space, large kitch. & bath, l/r, study, 4 closets, small pet neg., priv. entr., incl. all utilities, internet, cable \$975/mo. Ian, 588-2098.

MANOR PARK - 2 bedroom house, 10 minutes to Lab, lg. kit., fenced in back yard, bsmt. \$1,500/mo. 801-2529.

MASTIC BEACH - full bath w/new tile floor, rec. renov., fresh paint, 100 x 100 property on quiet st., new dr/way, avail. immed. \$1,500/mo. Ext. 7658 or 495-2596.

NESCONSET - 1 furn. rm. in 2-bdrm. apt., share bath, kit. & l/r, short term, avail. 2/11 - 4/22. \$185/wk. Mark, Ext. 2247.

NORTH PATCHOGUE - 2-bdrm. bsmt. apt. w/lg. windows, no pets/smkg. \$900/mo. Tom, 265-3754.

ROCKY POINT - 1-bdrm. house, lg. l/r, lg. kit., bath, bsmt., no pets/smkg., water incl. \$1,075/mo. John, 744-8919.

WADING RIVER - studio apt., new clean, pvt. ent., util. incl. (elec., heat, cable & water), full kit., bath, 10 min. to BNL, single non-smoker. \$700/mo. 466-7165.

WADING RIVER - 2 bdrm., 2 full bath, plus util. \$1,400/mo. Craig, 331-0237.

WADING RIVER - Cape Cod on quiet street, excel. cond., a/c, f/p, bsmt., 4 bdrm., 9 mi. to Lab. \$1,675/mo. 929-8321.

YAPHANK - fully furnished studio apt., 4 miles from Lab, high speed internet, all incl., avail. 2/1. \$850/mo. 924-3049.

KISSIMMEE, FL - nr Disney, 2 bdrm., slps 8, 2 bath, full kit., golf, tennis, boating, pools on site, 7/13/07 to 7/20/07, Orange Lake CC. \$750/wk. Ext. 5100 or 457-3290.

## For Sale

BROOKHAVEN - 4 bdrm., 2 new cape baths & eik, a/c, full bsmt., 2-car gar., oil ht., nxt. to wooded preserved flower & orgnc. veg. gardens. \$459,000 286-2505.

CENTER MORICHES - waterfront, 50' blkhd 3/4 bdrm., 2 bath., hdwd flrs., just reno., new kit w/ss appl, new roof/siding cdr/wind, 2 car det. heatd fin. gar/rec rm. \$490,000. Ext. 5288 or 487-5717.

MEDFORD - BlueRidge Condo devel., w/indr, outdr pools, tennis, golf, 3 bdrm., 1.5 bath, l/r, d/r, kit., 2-level deck, landscaped. \$334,900/neg. Ext. 3995 or 696-4366.

SELDEN - spacious 4-bdrm., 3-bath Colonial, formal dining rm., lg. den w/fp, 2-car gar., bsmt., hot tub, cac, igs, appl., new roof & oil tank. \$469,900 698-0057.

WADING RIVER - 4 bdrm., 2 1/2 bath, very lg. kit., den with f/p, formal d/r and l/r, lg. front porch, 2-car gar., full bsmt., excel. cond. \$589,000 Julie, 516-929-4153.

## On-Site Services

ENTERPRISE RENT-A-CAR - Stop by the on-site office at Bldg. 355, 50 Brookhaven Ave., to check weekend specials, daily rates. Or call Ext. 4888 or see [www.enterprise.com](http://www.enterprise.com).

ON-SITE SERVICE STATION - All vehicle services, NYS inspections, new batteries, tires, timing belts, repairs, etc., done while you are at work. Ext. 4034.

## In Appreciation

Thank you to all my BNL friends who extended congratulations at the announcement of my retirement. The party, gifts, cards and all the well wishes are greatly

appreciated. I will surely miss all of you and wish you well.

— Sharon Jones

Special thanks to the Magnet Division and all my friends at BNL for your kind-heartedness and support during the illness and passing of my wife, Elizabeth Vanessa Williams. May God richly bless you.

— Mitchell Williams & Family