

Space Researchers Visit BNL



Kin Yip of the Collider-Accelerator Department (second from left) explains the intricacies of the target area inside the NASA Space Radiation Laboratory (NSRL) during tours of the facility given to some 100 attendees of the Third International Workshop on Space Radiation Research. This annual meeting of biologists studying how to protect space explorers from the risks of space radiation was held jointly with the 15th Annual NASA Space Radiation Health Investigators' Workshop at Danford's in Port Jefferson, May 16-20, with a half day of sessions and tours at BNL on Wednesday, May 19. The visitors also saw the STAR and PHENIX detectors at the Relativistic Heavy Ion Collider. The workshop was sponsored by NASA, DOE, BNL/BSA, and Universities Space Research Association (USRA), a consortium of universities, research organizations, and governmental groups involved in space research.

Roger Stoutenburgh D0570504

Future Space Scientists Train at BNL

As astronauts spend more time in space, scientists need a better understanding of the dangers space travelers face from deep-space radiation — and how to best shield them against these risks. A new NASA Summer Student Program at BNL will help provide a “pipeline” of researchers to tackle this challenge. The program is co-sponsored by BNL, Loma Linda University (LLU) Medical Center, and Universities Space Research Association, a consortium of universities, research organizations, and governmental groups involved in space research.

This inaugural program, which began on June 1, will train 11 future space radiobiologists. The group of graduate students and postdoctoral fellows will participate in an intensive three-week residential program at BNL's NASA Space Radiation Laboratory (NSRL) and Medical Department. NSRL is a unique scientific facility that simulates the harsh radiation environment of outer space.

“Astronauts spending any length of time in space are exposed to ionizing radiation, which can damage bodily organs and DNA,” explained Marcelo Vazquez of BNL's Medical Department, who co-directs the NASA Summer Student Program with Gregory Nelson of LLU. Current spacecraft do not have sufficient shielding to protect them from these dangerous rays on longer

distance or long-term space journeys. Studies at NSRL focus on how this radiation can damage the central nervous system and other bodily systems — as well as how the intense rays promote



Marcelo Vazquez

the development of cancer. NSRL researchers are also looking at ways to protect against these dangers — through shielding and other strategies to minimize the risk to space travelers.

“Our aim with the Summer Student Program is to attract the highest quality students and young researchers from the fields of molecular biology and genetics, and provide a learning experience that will enable them to pursue productive careers in space radiobiology research,” said Vazquez. “The course provides a physical and intellectual environment not duplicated in the nation's universities, medical schools, or research institutions.”

Vazquez serves as the Lab's experimental liaison in Medical for the NSRL research program and is also the new National Space Biomedical Research Institute/NASA Space Radiation Liaison.

The summer program brings together biological and physical scientists to work jointly on leading problems in space radiobiology. Students participate in both classroom activities and scientific experiments, working side-by-side with top space scientists from research organizations such as NASA, BNL, LLU, The Johns Hopkins University, Massachusetts General Hospital, and Columbia University. Experimental creativity and interdisciplinary approaches are emphasized.

“Biology-oriented students will complete the course able to understand fundamental principles in physics, the space radiation environment, and the use of particle accelerator beams — a key tool in space biology research,” says Vazquez. “And physics-oriented students will leave understanding the language of biology, with experience working on cutting-edge problems related to protection from radiation in space.” Following completion of the program, participants will be qualified to perform experiments at NSRL.

NSRL is a \$34 million facility that was built cooperatively at BNL by NASA and DOE. Operational since 2003, NSRL

(continued on page 2)

395th Brookhaven Lecture, 6/16

‘NSRL: Evaluating the Space-Radiation-Associated Risks to Space Travelers’

Since astronauts are spending more time in space, they are receiving more exposure to ionizing radiation. Because radiation damages the components of living cells, including genetic material called DNA, it may cause changes in cells' ability to carry out repair and reproduction. This may lead to mutations, which, in turn, may result in tumors, cancer, genetic defects in offspring, or death.

To study these radiobiological effects using beams that simulate the cosmic rays found in space, a new, \$34-million NASA Space Radiation Laboratory (NSRL) has been established at BNL.

To learn how the NSRL employs beams of heavy ions extracted from the Lab's Booster accelerator, the best in America for radiobiology studies, join Adam Rusek, a physicist in the Collider-Accelerator (C-A) Department on Wednesday, June 16, at 4 p.m. in Berkner Hall as he presents the 395th Brookhaven Lecture “NSRL: Evaluating the Space-Radiation-Associated Risks to Space Travelers.”

C-A Department Chair Derek Lowenstein will introduce Rusek. As Rusek will

describe, the NSRL features its own beam line dedicated to radiobiology research, as well as state-of-the-art specimen-preparation areas. He will also talk about how BNL researchers and other NASA-sponsored scientists irradiate a variety of biological specimens, tissues, and cells, as well as DNA in solution.

In his talk, Rusek will also discuss how other experimenters use industrial materials as samples, studying their suitability for space suits and spacecraft shielding.

Rusek received his Ph.D. in physics in 1995 from the University of New Mexico and began work that same year at BNL when he joined the Medium Energy Group in the Physics Department. He then moved to the C-A Department in 1999 where he has been working as the liaison for the NSRL.

Brookhaven Lectures are free and open to the public. Visitors to the Lab age 16 and over must bring photo ID.

— John Galvin



Adam Rusek

Benveniste Named Medical Dept. Chair

Helene Benveniste has been named Chair of BNL's Medical Department, effective May 13. Benveniste had been Interim Chair of Medical since October 2003, and, since May 2003, she has served as Interim Associate Laboratory Director for Life Sciences, a position she still holds.



Helene Benveniste

Roger Stoutenburgh D0650503

With an annual budget of about \$16.5 million, the Medical Department has a staff of 61 employees and is host to about 200 collaborators and guest researchers annually. Using medical imaging techniques at the Lab's Center for Translational Neuroimaging, the department's researchers perform translational work — research from bench to bedside — that pertains to the development, maturation and environmental adaptation of the brain over a human's lifetime.

BNL's medical researchers, with BNL chemists, are focused on conditions such as addiction, obesity, aging, and Alzheimer's disease. Medical researchers also study the biological effects of radiation from heavy ions in outer space at the new NASA Space Radiation Laboratory at the Lab. Other research projects in the department are aimed at developing new nuclear medicine treatments and diagnostic agents, producing medical isotopes for clinical use, and understanding and treating cancer and heart disease.

“I am pleased to be named Chair of Brookhaven's Medical Department,” Benveniste said. “We have several exciting research programs here that are multidisciplinary, so we often work with Brookhaven researchers in other fields, such as chemistry and physics. We are developing new instrumentation, sensors and probes that will expand our knowledge in many aspects of neurobiology. I am also gratified that several new scientists have joined the Medical Department over the last year and that our clinical research collaboration with Stony Brook University's General Clinical Research Center has been successfully implemented.”

Besides managing the Medical Department, Benveniste is committed to pursuing her groundbreaking medical research. Early in her career, she pioneered new methods for investigating the brain and made important discoveries in how stroke damages the brain. Her current research focuses on a new field known as magnetic resonance microscopy — an advanced form of magnetic resonance imaging, which allows the visualization of the brain in very fine detail.

Benveniste earned her M.D. and Ph.D. in 1986 and 1991, respectively, from the University of Copenhagen, Denmark. In 1989, she joined Duke University, where she completed an internship in family medicine and a residency in anesthesiology. She joined Medical at BNL in 2001 as a scientist, a position she held until she was named Interim Associate Director for Life Sciences.

In addition to working at the Lab, Benveniste is a practicing anesthesiologist at University Hospital at Stony Brook and a professor in the Department of Anesthesiology at Stony Brook University. — Diane Greenberg

Calendar
of Laboratory Events

- The BERA Sales Office is located in Berkner Hall and is open weekdays from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347; or Chris Carter, Ext. 2873.
- Additional information for Hospitality Committee events can be found at the Lollipop House and the laundry in the apartment area.
- The Recreation Building (Rec. Hall) is located in the apartment area.
- Contact names are provided for most events for more information.
- Calendar events flagged with an asterisk (*) have an accompanying story in this week's Bulletin.

— EACH WEEK —

Weekdays: Free English for Speakers of Other Languages Classes
Beginner, Intermediate, and Advanced classes. Various times. All are welcome. Learn English, make friends. See www.bnl.gov/esol/schedule.html for schedule. Jen Lynch, Ext. 4894.

Mondays: BNL Gospel Choir
5:15-7 p.m. Berkner Hall. All faiths are welcome. www.bnl.gov/bera/activities/choir/.

Mon., Tues., & Thurs.: Kickboxing
\$5 per class. Mon. & Thurs. noon-1 p.m. in the gym; Tues., 5:15-6:15 p.m. in the gym; Thurs., 5:15-6:15 p.m. in Brookhaven Ctr. Registration is required. Christine Carter, Ext. 2873.

Monday & Friday: Jazzercise
Noon-1 p.m., Rec. Hall. Preregistration is required. Christine Carter, Ext. 5090.

Mon., Thurs., & Fri.: Tai Chi
Noon- 12:45 p.m., Brookhaven Center North Room. Adam Rusek, Ext. 5830 or rusek@bnl.gov.

Tuesdays: Welcome Coffee
10-11:30 a.m. Rec. Hall. Hospitality event. Come and meet friends. The first Tuesday of every month is special for Lab newcomers and leaving guests. Hospitality Chair Monique de la Beij, 399-7656.

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. in the gym. All levels, ages 6 and above. \$10 per 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/toastmasters/default.htm.

Tuesdays & Thursdays: Aerobics
5:15-6:30 p.m., \$4 per class. Rec. Hall. Pat Flood, Ext 7886.

Tuesdays & Thursdays: Aqua Aerobics
5:15-6:15 p.m. Eight-week session, \$20 to attend once a week; \$40 to attend twice a week. Ext. 2873 for more information.

Tues. & Thurs: Upton Nursery School
The school is on summer break. Contact Alison Tilp, Ext. 4465, or tilp@bnl.gov, for information on Sept. enrollment.

Wednesdays: On-Site Play Group
10 a.m.-noon. Rec. Hall. An infant/toddler drop-in event. Parents meet while children play. Cindy Otteman, 821-4482.

Wednesdays: Farmer's Market
11:30 a.m.-1:30 p.m., Berkner Hall parking lot.

Wednesdays: Weight Watchers
Noon-1 p.m. Michael Thorn, Ext. 8612.

Wednesdays: Yoga Practice
Noon-1 p.m., Brookhaven Center. Free. Ila Campbell, Ext. 2206.

Wednesdays: Open Chess Night
5-8 p.m., Rec. Hall. Christine Carter, Ext. 5090.

Wednesdays: Dance Lessons
6-8 p.m., North Ballroom, Brookhaven Ctr. John Millener, Ext. 3853.

Thursdays: Reiki Healing Class
Noon-1 p.m., Bldg. 211. Nicole Bernholz, Ext. 2027.

Thursdays: FreshDirect Delivery
3:30-5:30 p.m., Berkner Hall parking lot.

Fridays: Pilates Class
7-8 a.m. in the gym. Christine Carter, Ext. 5090.

Fridays: Family Swim Night
5-8 p.m. at the BNL Pool. \$5 per family.

Fridays: BNL Social & Cultural Club
6-9 p.m, North Ballroom, Brookhaven Ctr., dance lessons, 9-11:30 p.m. general dancing. Rudy Alforque, Ext. 4733, rudy@bnl.gov.

— NEXT WEEK —

Tuesday, 6/15

***Blood Drive**
9:30 a.m.-3 p.m., Brookhaven Center. See announcement, page 3. Susan Foster, Ext. 2888 or donateblood@bnl.gov.

Wednesday, 6/16

***Plant Swap**
11:30 a.m.-1 p.m. at the Gazebo in the ballfield. BNLers are welcome to bring in plants, seedlings, and cuttings, as well as take home plants.

***395th Brookhaven Lecture**
4 p.m., Berkner Hall. Adam Rusek, Collider-Accelerator Department, will present a talk on BNL's NASA Space Radiation Laboratory. All are welcome. See notice, page 1.

On-Site DOE Retiree Frederick Zito Wins 2004 Ellis Island Medal of Honor

Frederick Zito, who, in the late 1970s, worked at BNL for DOE, has been awarded the prestigious 2004 Ellis Island Medal of Honor in recognition of his outstanding contributions to American heritage and distinguished service to humanity.

On May 15, Zito and his family were among the guests of honor at an elaborate award ceremony held in the Great Hall on Ellis Island. The recipients' names were read into the Congressional Record while military personnel honored them with a full dress parade.

The Ellis Island Medal of Honor was created in 1986 and is sponsored by the National Ethnic Coalition of Organizations, Inc., (NECO). The award celebrates the richness and diversity of American life and is named after the gateway through which 12 million immigrants passed in their quest for freedom and economic opportunity. NECO's latest humanitarian mission is to contribute resources to bring children from around the globe to the United States to receive life-saving medical treatment.

Zito joins the list of more than 1,300 past Ellis Island Medal of Honor recipients that includes Presidents Gerald Ford, Ronald Reagan, George Bush, Sr., and William Clinton; former N.Y. City Mayor Rudolph Giuliani; Senator John Glenn; entertainers Ernest Borgnine, Bob Hope, and Frank Sinatra; and baseball icons Yogi Berra and Joe DiMaggio.

While at BNL, Zito was DOE's Senior Project Engineer for the Brookhaven Site Office (BHSO), and he played an integral role in BNL's Project Isabelle, the proposed accelerator that eventually transformed into BNL's Relativistic Heavy Ion Collider (RHIC). His many career accomplishments include the initiation of a quality assurance program, a configuration control

system, industrial safety program, and improved magnet tests.

Zito retired from DOE in 1982. He is also retired from NASA where he was part of a team that developed guidance and navigation equipment for the lunar module built by Grumman Aircraft for NASA.

BHSO Manager Michael Holland said, "DOE is proud of Dr. Zito and his scientific and humanitarian contributions. We congratulate him on this very prestigious, well-deserved award."

After serving as an officer in the U.S. Navy, Zito received his B.S. from St. Lawrence University, an M.S. in Industrial Management from Polytechnic University of New York, an Ed.D. from Dowling College, and ultimately earned his Ph.D. in science education from New York University. He also served as a member of the Board of Directors for the Museum of Italian Culture and gives lectures to community and museum groups on behalf of the Friends of Long Island Wireless History.

Zito's most recent endeavor is to participate in a team that investigates methods of refurbishing the historic buildings on Ellis Island.

"The plan to refurbish and dedicate some of the buildings as ethnic museums honoring native Americans and the approximately 29 ethnic groups who passed through the gates of Ellis Island is a pivotal effort in promoting ethnic harmony in the United States," he says. "It will be a new highlight to add to my many valued memories, among them being my work on Project Isabelle at Brookhaven. I feel humbled by this award, and I feel proud to have served my country and my ancestors in the never-ending, important pursuit of world-class science."

— Jane Koropsak



Roger Stoutenburg 00730304

DOE Seeks Public Comment on Peconic River Cleanup Public Meeting in Berkner Hall, 6/15, 7-9 p.m.

DOE is seeking public comment on a cleanup plan for contaminated sediment in sections of the Peconic River on the BNL site and extending into Suffolk County parkland. Interested employees and members of the public can attend the third of three informational meetings, which will be held on June 15, 7- 9 p.m., in BNL's Berkner Hall, to learn more about the proposed cleanup and provide input. The public comment period will be open until June 25, 2004. A document, known as the "Proposed Plan for Operable Unit V: Peconic River," is available on the BNL website at www.bnl.gov/erd/peconic.html, and in the local libraries listed below.

This cleanup plan addresses contaminated sediments extending from BNL's sewage treatment plant to approximately 3.5 miles past the site boundary. The off-site portion of the cleanup includes an estimated 9.1 acres within Suffolk County parkland. The on-site portion of the cleanup is currently under way, and is being conducted under an Action Memorandum that was finalized following a public comment period in 2003. The public is invited to also comment on this cleanup action.

Based on these earlier investigations and input received from BNL's regulatory agencies and members of the public, DOE developed four cleanup alternatives for portions of the Peconic River. After considering all available information, as well as additional input from regulatory agencies and many community members, DOE and BNL are recommending the fourth alternative, in which six to 12 inches of sediment would be removed from areas where contaminants have been deposited. The \$11.5 million project is expected to result in an estimated 92 percent reduction of mercury and 93 percent removal of PCBs in on- and off-site river sediment. Other co-located contaminants will also be removed.

The cleanup plan includes habitat restoration and long-term monitoring of surface water, sediment, and fish to evaluate cleanup effectiveness.

DOE and BNL believe this alternative represents the best balance of the remedy selection criteria detailed in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), also known as "Superfund." CERCLA requires that the cleanup option selected be protective of human health and the environment. Other considerations include cost, ease of implementation, and short- and long-term effectiveness.

Formal written comments will be accepted from May 24, 2004 through June 25, 2004. Upon completion of the public comment period, DOE will review public comments and make a final decision on the cleanup remedy. A summary of public comments and DOE's responses to them will be part of a Record of Decision that documents the final cleanup agreement.

The "Proposed Plan for Operable Unit V: Peconic River" is available at public libraries in Middle Island and Shirley, at the BNL library, and at the U.S. Environmental Protection Agency, Region II library in New York City. For more information, call Jeanne D'Ascoli, BNL, at 631 344-2277, or John Carter, DOE, at 631 344-5195, or visit the website at <http://www.bnl.gov/erd/peconic.html>. Public comments should be mailed to Mike Holland, Site Manager, U.S. Department of Energy — Brookhaven Site Office, Bldg. 464, P.O. Box 5000, Upton, NY 11973-5000. Comments can also be e-mailed to tellDOE@bnl.gov, or faxed to (631) 344-3444.

Elder Care Expo, 6/16

More than 30 exhibitors will be displaying their services in Berkner Hall lobby on Wednesday, June 16, from 11 a.m. to 1:30 p.m. at the Elder Care Expo. Attendees will be able to get information and learn about health resources, care for the caregiver, activities, safety, fitness, volunteer opportunities, benefits & nutrition — all in one convenient location.

The Human Resources and Occupational Medicine Division has scheduled the following lectures to be held in Berkner Hall from noon to 1 p.m.: "Long-Term Care" on June 17, and "Elderly Health Promotion" on June 24.

Pre-registration is necessary for these two lectures. Check your mailbox for registration forms. For more information, contact Michael Thorn at Ext. 8612 or mthorn@bnl.gov.

Financial Planning Seminar, 6/23

Join a representative from TIAA-CREF on Wednesday, June 23, from noon to 1 p.m. in Berkner Hall for a financial planning talk on "Meeting Your Minimum Distribution Requirements."

At this talk, BNLers will learn how the federal government requires that minimum distribution payments be taken from certain retirement accounts, including IRAs, at age 70½. If these distributions are not taken, then substantial penalties may result. This seminar will review how the minimum distribution amount is calculated and how to comply with the federal minimum distribution rule.

Check your mailbox for registration forms. For more information, contact Joyce Wund, Ext. 7516.

Future Space Scientists Train at BNL (cont'd.)

is one of the few places in the world that can simulate the harsh cosmic and solar radiation found in space. The lab employs beams of heavy ions extracted from BNL's Booster accelerator — the best in the U.S. for studying the effects of radiation on living organisms. Scientists from more than 20 research institutions from

throughout the U.S. and abroad work year-round at the facility to learn about the possible risks to space explorers exposed to deep-space radiation. For information on NASA Summer Student Program sponsors, visit the websites of NASA, Universities Space Research Association, and Loma Linda University Medical Center.



Peter Esposito: No Stranger to Donating Blood



Joseph Rubino D4280504

Peter Esposito, Human Resources Division, is no stranger to giving, as he has participated in BNL blood drives for more than 18 years. Recently, he became interested in donating platelets, one of the components of whole blood, that are crucial in treating patients suffering from a variety of diseases.

In addition to his usual whole blood donations, Esposito

also participates in platelet donation (known as apheresis) at least once a month, or more when the need arises.

"I usually go to the New York Blood Services Bohemia site," says Esposito. "The benefit to others is surely worth the few hours of my time," he continues. "I don't know of anything better than that."

Pronounced a-for-e-sis, the

two-hour procedure collects platelets from the blood of healthy donors, and the platelets are then used to treat those who suffer from cancer, hemophilia, leukemia, anemia, HIV/AIDS, and many other diseases. The donation procedure is similar to a typical blood donation, except that during apheresis, blood is taken from one arm via a sterile kit, the platelets are separated from the whole blood and stored in a special machine, and the remainder of the blood is then returned to the donor through a tube in the other arm. Each apheresis platelet donation can provide six to ten times the amount of platelets obtained from one whole blood donation. Patients being treated with platelets generally require that amount for just one medical treatment.

"Being an apheresis donor is something I do because it has a positive impact on so many lives," says Esposito.

To learn more about being a blood or apheresis donor, contact New York Blood Services at 1-800-933-2566, or speak to a blood service representative during BNL's next on-site blood drive on June 15.

— Jane Koropsak

Plant Swap, 6/16

The second annual BNL plant swap will be held on Wednesday, June 16, at the Gazebo in the ballfield, 11:30 a.m.-1 p.m. Employees, guests and visitors are welcome to bring in plants, seedlings, and cuttings, as well as take home plants.

Vehicle Auction

The Government Services Administration will offer 42 motor vehicles, located at Warehouse T-87, for public auction. The auction will begin on June 21, and will last seven days, during which time anyone may bid on the vehicles. Photos of each vehicle with all pertinent information will be posted at www.gsa.auctions.gov. To inspect the vehicles, call Jerry Quigley, Ext. 4527.

Benefit Notes: Qualifying Events

Changes to medical and/or dental coverage may be made during the benefits annual open enrollment. Also, certain changes may be made within 31 days of when a qualifying event occurs. Qualifying events include: birth or adoption of a child, marriage, divorce or legal separation, loss of dependent status (for instance, graduation, attainment of age limit, or no longer a full-time student), death of a dependent, change in the place of residence or worksite or a spouse's gain or loss of employment. The Benefits Office will need documentation of the qualifying event.

For the change in benefits to be approved, the qualifying event must closely relate to the requested change in benefits. For example, if a child is born, a participant may add the child to his/her medical coverage. The participant cannot drop medical coverage at that time.

In addition, depending on the situation, below are some items you may want to update when you have a qualifying event.

- Covered dependents for medical and/or dental coverage
- Life insurance beneficiaries
- Retirement plan beneficiaries
- Tax withholdings on Form W-4
- Address change
- Emergency contact(s)

For more information or to make a change to your benefits within the 31 days of the qualifying event, contact the Benefits Office, Bldg. 185, Ext. 2877, Ext. 5126 or call (800) 353-5321.

On-Site Farmer's Market
Held Every Wednesday, Now Through 11/24

The on-site Farmers & Crafters Market will be held every Wednesday through November 24 from 11:30 a.m. to 1:30 p.m. in the parking lot outside Berkner Hall. Vendors will sell local produce, plants, homemade preserves, and many different crafts. For more information, call Joanne Rula, Ext. 8481.

LIANS Meeting, 6/16

Charles Adey, President of TTX Associates, Inc., will be the dinner speaker at the meeting of the Long Island Section of the American Nuclear Society (LIANS) on Wednesday, June 16, at the Brick House Brewery and Restaurant, 67 West Main Street, Patchogue.

Adey's talk, "Decommissioning the Nuclear Barge *Sturgis*," will describe the history and plans for decommissioning a one-of-a-kind ship hull that was modified to become the nuclear stem plant which powered the Panama Canal Zone grid 1968-75. TTX Associates of Plymouth, Massachusetts, is an engineering business specializing in decommissioning nuclear facilities, and Adey, as Reactor Projects Group Manager at BNL, recently completed work involving the Brookhaven Graphite Research Reactor, the High Flux Beam Reactor, and the Brookhaven Medical Research Reactor.

After a social hour with complimentary hors d'oeuvres and a cash bar from 6 p.m., the meeting will continue with dinner at 7 p.m., and the talk at 8 p.m. The cost is \$20/person. For information and reservations, call and leave a voice-mail message with Arnie Aronson, Ext. 2606, by Monday, June 14.

Calendar
(continued)

— WEEK OF 6/21 —

Wednesday, 6/23

***Minimum Distribution Seminar**
Noon-1 p.m., Berkner Hall. Join a representative from TIAA-CREF for a financial planning talk on "Meeting Your Minimum Distribution Requirements." This talk is free, but pre-registration is required. Check your mailbox for registration forms. For more information, see notice, page 2, or contact Joyce Wund, Ext. 7516.

— WEEK OF 7/19 —

Tuesday, 7/20

***Talk on Eating Disorders**
Noon-1 p.m., Berkner Hall, Room C. Join Mather Hospital's Kathleen Jochen for a talk and videotape presentation on "Real Talk About Real People With Eating Disorders." Participants will learn about anorexia, bulimia, binge eating disorders, and Mather Hospital's Eating Disorders Program. Pre-registration is required for this free talk. Check your mailbox for registration forms. For more information, contact Linda DiPierro, Ext. 2733.

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.

Roll Up Your Sleeve: Blood Drive, 6/15

BNL is holding a blood drive on Tuesday, June 15, from 9:30 a.m. to 3 p.m. in the Brookhaven Center. Those eligible to donate are people in good health between the ages of 17 and 75 who weigh at least 110 pounds. Restrictions may apply to individuals from the United Kingdom and Europe. Donors should have a photo ID and know their social security number.

To make an appointment, contact Susan Foster at Ext. 2888, or e-mail donate.blood@bnl.gov. In your message, include your name, phone extension, and preferred time to donate.

Presentation on Eating Disorders, 7/20

Join Mather Hospital's Kathleen Jochen on Tuesday, July 20, from noon to 1 p.m. in Berkner Hall, Room C, where she will give the talk and videotape presentation "Real Talk About Real People With Eating Disorders." Participants will learn about anorexia, bulimia, binge eating disorders, and Mather Hospital's Eating Disorders Program.

Pre-registration is required for this free talk. Check your mailbox for registration forms. For more information, contact Linda DiPierro, Ext. 2733.

Call For Bowlers

Bowlers are needed for the Thursday night mixed league in Shirley, which begins on Thursday, September 9, at 6:30 p.m. All interested BNLers, ages 18 and over, are eligible to participate. For more information, contact Debbie Reynolds, Ext. 5340, dreynolds@bnl.gov.

Pilates Begins, 6/18

A new eight-week session of Pilates exercise classes begins on Friday, June 18, continuing on Fridays through August 13 (no class on July 2). Classes will be held in the BNL gym, 7-8 a.m.; participants will need a mat and a towel. Advance registration is necessary. Send the fee of \$60, in a check made payable to BERA, to Christine Carter, Bldg. 179B.

Arrivals & Departures

Arrivals	
Tobias A. Beetz	CFN
Weiquing Han	CFN
David M. Kawall	Physics
Dmitriy Kropivnitskiy	ITD
Rafael J. Perez	ITD
Thomas Sfakis	ITD
Departures	
Diane Carlson	OMC
Joseph Gisondo	OMC
Magalie Bruneus	Medical
Antonio Rodriques	Physics
Sunirmal Paul	Biology

Join LI's Largest Corporate Picnic!

Long Island Corporate Challenge Run/Walk, 7/27

To the Lab Community: Consider this your invitation to Long Island's Largest Corporate Picnic as part of Team BNL 2004!

On Tuesday, July 27, BNL runners and walkers will again travel to Jones Beach to take part in the JPMorganChase Corporate Challenge. They will meet with scientists, delivery drivers, police, firefighters, teachers, engineers, and people from many other professions. BNL will be up against LIPA, Computer Associates, Grumman, Symbol, SUNY Stony Brook, local hospitals, law firms, and many other businesses from around Long Island. In 2003, close to 100 BNL employees competed against over 8,000 participants from over 400 local companies in the Long Island Corporate Challenge. This year promises to be even bigger and better!

Each year, JPMorganChase sponsors a series of corporate challenge races around the world. Races are held in such places as Singapore, Frankfurt, Sydney, Chicago, Dallas, and San Francisco. The best teams from each event are invited to the finals in New York City in October. BNL usually gets multiple invitations, placing high in both the men's and women's categories.

While this is a very competitive running event, it is also very walker friendly. At the 7 p.m. start of the event, there will be two starting lines. Those who are there to race will use one starting line and those, the majority, who want to enjoy a 3.5-mile walk, will use the other. Either way, participants will cover the same course in what many consider one of the most beautiful parks in the world.

Whether you finish in 18 or 90 minutes, the best is yet to come — the picnic. With the BNL banner identifying the tent, coolers of refreshments, six-foot heroes, salads, and cookies await Lab community participants. Everyone sets up beach chairs and blankets around the tent and listens to music from the nearby stage, or ventures out to see and meet with old friends from other companies or those who have moved on from BNL. All who were there in 2002 or 2003 say that it's one fun evening.

If this invitation interests you or you want more information, reply by July 2 to marron@bnl.gov, or call 344-6222. There is some paperwork that has to be completed, and the cost is \$25.

June is Turtle Month
Turtle Travel Peaks in June

June is turtle month on Long Island. It is the time when most of Long Island's native animals are busy bearing or beginning the task of raising their young. During this time of year, most local turtles are mating and laying eggs. Both male and female turtles wander far from their normal habitat in search of mates and suitable locations to nest their eggs. So, while we rush off to lunch, home, or to pick up our own children, keep a watchful eye on the road for our slow moving turtle treasures.

If you happen upon a turtle crossing the road, then you may choose to pick it up and help it continue its journey safely by moving it across the road in the direction you found it traveling.

Take care to avoid dangerous run-ins with snapping turtles however. And, most importantly, never forget your own safety when stopping on a busy road.



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 employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present 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; call the JOBLINE, Ext. 7744 (344-7744), for a list of all job openings; use a TDD system to access job information by calling (631) 344-6018; or access current job openings on the World Wide Web at www.bnl.gov/HR/jobs/default.htm.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

NS3181. SR. PROJECT ENGINEER (P-10) – Requires an advanced degree in mechanical engineering plus 15 years of progressive engineering and project management experience. Excellent technical, data analysis, management, interpersonal, communication, and decision-making skills are also required, as well as sustained, demonstrated leadership skills. The ability to interact effectively with a large international collaboration of scientists is essential, as is successful experience in directing engineers, designers, technicians and tradespeople. A PE license is highly desirable as is proficiency with AutoCad, FEA, and Microsoft Project. The successful candidate will be expected to provide a wide range of mechanical engineering support for the PHENIX experiment at RHIC. Work on PHENIX involves the continued operation of the detector and support systems, detector maintenance during RHIC shutdown periods, and the design, integration and installation of upgrades. Responsibilities include engineering design, analysis and review of various mechanical systems, structures and fixtures. Additional responsibilities are work planning, scheduling, and assuring conformance with laboratory and OSHA safety standards. Physics Department.

OPEN RECRUITMENT – Opportunities for Laboratory employees and outside candidates.

MK4147. SCIENTIFIC STAFF POSITION – Requires a Ph.D. in physics, chemistry or materials science and the ability to develop scientific programs on the structure and function of soft- and bio-materials. Significant experience in x-ray or neutron surface scattering, small angle scattering or inelastic scattering is highly desirable. It is expected that this program take advantage of the x-ray scattering facilities at the National Synchrotron Light Source with facilities also being available at the Advanced Photon Source. In addition, collaborations and use of the facilities at the Center for Functional Nanomaterials are also desirable. This is a joint appointment between the Soft-Matter and X-ray Scattering Groups in the Physics Department. Under the direction of B. Ocko, Physics Department

MK2809. PLANT SCIENTIST (reposting) - Applications are invited at the level of assistant, associate or scientist for a tenure-track position in the Biology Department as a plant scientist. Candidates are sought who will address basic mechanisms affecting plant productivity and the biosynthesis of novel products and/or energy-related resources. They should have a demonstrated record of accomplishment in the areas of plant biochemistry, molecular biology, genetics and the use of genomics, or other cutting-edge approaches. Successful candidates will be expected to establish and obtain funding for their independent research program. Biology Department.

MK4184. ASSISTANT ECOLOGIST (S-1) – Requires a Ph.D. in a relevant field, strong records in publication, research collaboration and project development and excellent oral and written communication skills, and skills in the development of physiological models and the software associated with the modeling process. In addition, requires a plant physiologist with several years of experience in physiologically-based ecosystems modeling and creation of GUI software for general application of the models to a wide community of users. Candidates who have expertise in WIMOVAC are of special interest as are candidates with the ability to create innovative modeling tools with successful application in the Internet environment. Under the direction of G. Hendry, Environmental Sciences Department.

TB4200. APPLICATIONS ANALYST (term appointment) – Requires a bachelor's degree in computer science or a physical science (atmospheric science preferred), and experience working in a Unix environment (Solaris or Linux) and programming in C, IDL, Perl, or FORTRAN. Familiarity with hierarchical data formats (netCDF or HDF) is desired. Responsibilities include coding data-conversion, analysis and display applications to collect, standardize, document and archive data collected at the External Data Center. Environmental Sciences Department.

MK4161. CHEMISTRY ASSOCIATE III – Requires a BS or MS in chemistry or equivalent and experience with organic synthesis, chromatography and analytical methods. In addition, meticulous laboratory technique and record-keeping skills are required for radiopharmaceutical formulation and documentation are also required. Will be responsible for synthesis and quality control of radiopharmaceuticals labeled with isotopes of short half-life for the BNL PET Program. Chemistry Department.

TB2174. SENIOR TOWER LINE PERSON - Under minimum supervision installs, repairs, and maintains overhead and underground electrical distribution lines, systems, equipment, controls and related devices, ordinarily of 2,300 volts and over. Duties include rigging, electrical and mechanical work incidental to the installation, maintenance, and repair of equipment, wires, lines, instruments, and fabricated metal on structures such as meteorology towers, pile stack and water tower. Will otherwise perform duties of Electrician A. Plant Engineering Division.

TB2175. FINISHER A (Temporary position – 9/30/04) - Under minimum supervision applies all finishes to furniture, automobiles, equipment, models and cabinet shop products. Must be proficient in the use of spray equipment and the use of synthetic and other paints, rubbing compounds, masking and similar work on wood, metal and other finishes. Requires broad shop skills to perform difficult operations requiring ingenuity on complex jobs where previous standards or methods of operation do not offer complete solution. May be required to work as Painter. Plant Engineering Division.

Motor Vehicles & Supplies

01 YAMAHA ROADSTAR SILVERADO - 1600cc, windshield, studded seats & saddle bags, red/br., 5K mi., \$8,000. 645-5844.
00 CHEVROLET BLAZER ZR2 - a/t, a/c, p/s, p/b, p/w, 2dr., high rider, m/roof, cd changer, 41K mi., \$12,500. 286-3446.
01 NISSAN QUEST - a/t, a/c, p/s, p/b, p/w, gold, new brakes, tires; orig. owner, 45K mi., excel. cond., \$12,999. Ext. 5018, 335-9007.
99 CHRYSLER CONCORDE - champagne, tan int., new tires, Lo-Jack Sec., gar., excel. cond., ask \$7900. 924-4147.
99 FORD ESCORT ZX2 - a/c, 5spd, 2dr., moonroof, excel. cond., 57K mi., \$4,400. John, 648-3927.
99 LAVERDA 750S FORMULA - Italian sports bike, pipes & over 100hp, serviced, perfect cond., 6K mi., \$6,500. 286-3446.
99 MERCURY SABLE LS WAGON - V6 3L, 24V, abs, leather, 8 pass., dual pwr. seats, 42K mi., \$8,200. Phyllis, 981-2471.
99 VOLKSWAGEN BUG - 5spd, a/c, p/s, p/b, p/w, blk., 29K mi., \$8,500. Masashi, Ext. 5984 or kaneta@bnl.gov.
98 FORD RANGER -a/t, a/c, p/s, p/b, p/w, extra cab, 2 jump seats, bed liner, 54K mi., \$7,500. Ken, 729-3399 or 516-446-1670.

98 INFINITI I30 - a/t, a/c, p/s, p/b, p/w, blk., 4dr. sedan, ext. warr., dealer maint., excel. 63K mi., \$13,000. Mary, Ext. 6344, 929-3388.
98 MERCURY MYSTIQUE-GE - a/t, a/c, p/s, p/b, p/w, v. gd. cond., 102K hway mi., \$2,150/neg. Rosemarie, 345-5776.
97 DODGE STRATUS - 4dr., clean in/out, \$1,800. Cheryl, Ext. 3571.
97 INFINITI Q45 - a/t, a/c, p/s, p/b, p/w, sunroof, dk. green, excel. cond., 150K mi., \$9,000. Darlene, Ext. 4685, 587-2385.
96 AUDI A4 - a/t, a/c p/b, p/s, p/w, v. gd. cond., well maint., orig. owner, 114K mi., \$6,400. Sharon, Ext. 3217.
96 NISSAN QUEST - a/t, c/c, excel. cond., rear air, new tires, roof rack, pwr., am/fm cass., 120K mi., \$5,250. Steve, Ext. 7936.
95 HONDA 750 NIGHTHAWK - 5spd, metallic blue, full targa, new batt., runs well, 3K mi., \$2,450/neg. Ed, Ext. 7251, 765-9521.
95 SATURN SLI - 5spd, a/c, pwr. sunroof, dk. blue, all service recs., runs well, 158K mi., \$1,200. David, 258-6087.
95 TOYOTA COROLLA DX - a/t, a/c, p/w, gd. cond., 137K mi., \$3,000. Philip, Ext. 4643.
94 FORD EXPLORER - a/t, a/c, 4wd, all pwr., dk. green, mint cond., 131K mi., \$4,000. Mickey, 642-7442.
92 BLAZER S-10 - red, excel. cond., \$3,200. Tom, Ext. 3035, 744-4535.
92 FORD TEMPO - a/c p/b, p/s p/l, new brakes, 68K mi., \$2,000. 929-4522.
92 TOYOTA COROLLA - a/t, a/c, am/fm cass., 73K mi., runs well, \$2,500. Steven, Ext. 2964.
92 VOLKSWAGEN PASSAT - a/t, a/c p/s, p/w, abs, dk. green, new brakes & exh, runs well, 151K mi., \$975. Wolfram, Ext. 5452.
91 CHEVROLET S10 PICK UP - 5spd, 4.3L V-6, rear window, 4x4, 150K mi., \$595. Sean, 331-2942/after 8 p.m.
91 JAGUAR XJ6 - a/t, a/c p/b, p/s, blue/green, runs well, 120K mi., \$2,000. David, 395-3484.
90 FORD F150 PICK UP - a/t, a/c, blk, rebuilt motor, 5L eng., excel. cond., 55K mi., \$3,195. Kathy, 588-5617.
87 MUSTANG CONVERTIBLE - 4cyl., reasonable shape, needs back window, runs, 88K mi., \$1,200. George, 878-1172.
78 CHEVY CAMPER VAN G20 - a/t, p/s, p/b, 350 V8, pop-up, sleeps 2-4, needs work, 100K mi., best offer. Mark, Ext. 3172, 928-5684.
76 LANCIA SCORPION - 5spd, 107K mi., \$1,800. John, Ext. 2788 or www.lancia montecarlo.net/Montecarlo/Gallery_04.html.
75 MERC. BENZ 450SL - convert., a/t, p/b, p/s, p/w, 2 tops, <http://benz.fog.top.com>, 131K mi., \$4,000. Robert, Ext. 2516, 821-0807.
BED LINER - for Chevy S10 or GMC Sonoma, never used, make offer. Jenn, Ext. 5922.
BED LINER - for 8' Ford pick up, fits, 1973 & up, ask \$25. Shea, Ext. 3260, 653-4125.
CAMPER -'99 Normad ZZ, sleeps 4, everything works, 4,000 lbs., \$9,500. Dave, 948-5277.
SOFT TOPS - for Suzuki Vitara JLX, 2dr., or Chevy Tracker, blk., brand new, \$200. Denise, Ext. 5873.
TOOL BOX - Weather Guard steel cross-bed, sliding tray w/2 wing type locking drs. w/key for stepside or mini pick-up, ask \$100. 878-8302.
TRAILER - 2-wheel, body rack, 4'x6' bed, \$100. Richard, 924-6751.
TRAILER HITCHES - class 1&2, med. duty roof rack w/gutter clamps for compact cab, ask \$15. Mr. Elliott, 929-4522
TIRES - 4 Euro metric radials, b/w 185-70-R13, \$50/set. Victor, 929-5876.

Boats & Marine Supplies

28' NEWPORT SAIL - '85, 150 Genoa, roller furling, teak interior, Jabscos head and shower, fully equipped, \$23,700. Dick, Ext. 4329, 751-6820.
27' PHOENIX - twin 350 inbrds., well maint., excel. cond., extras, recently surveyed, \$28,000. Frank, 736-2575.
27' FORMULA - twin rebuilt 350 Mercruisers, Mirage props, sleeps 2, \$11,900; 25' Catalina sailboat, swing keel, pop top, sleeps 4, 9.9hp outboard. 878-2577.
25' TANZER CANADIAN VERSION - '87, 9.9 outboard, extra sails, quarter berth, many extras, \$15,000. Joe, Ext. 5353 or 475-8183.
23' PEARSON P23 - '79, well maint. & equipped, see model info, <http://pearsoninfo.net/index.cfm>, make offer. John, Ext. 2788.

20' KEY WEST 2020 WALK-AROUND - '02, 150 hp Johnson Ocean Pro, 90 hrs., canvas encl., trailer, mint cond., \$20,000. 680-3094.
16' SWAMPSCOTT SAILING DORY - '89, 2 mooring covers, single sail, will deliver, \$2,500. Ed, Ext. 7251 or 765-4147.
15' VANGUARD SAILBOAT - '98, v. gd. cond., galvanized trailer, Seitech dolly, deck cover, blade bag, and some new lines. \$3,700. Marita, Ext. 3060.

BRACKET - alum., 23" setback, ask \$100; Hydraul. steering cyl., hynautic side mount, complete w/instruc., ask \$50. 878-8302.

Furnishings & Appliances

AIR CONDITIONER - GE, 5,000 Btu, excel. cond., \$65. George, Ext. 5214.
BEDROOM - dk. pine, queen, night stands, bureau, mirror, \$80. Dining rm., dk. pine, table & 6 chairs, \$75. Mary, Ext. 2815, 472-4087.
BEDROOM SET - 7 pc., incl. cedar chest, assemb. Furn-a-kit, excel. cond., \$265; 5' purple couch, excel., \$65. 751-7023.
COUCHES AND TABLES - 2- 84"L used couches, gd. cond., 3 matching glass tables, \$250. Vicky, 476-0627.
CRIB AND CAR SEAT - portable crib, \$30; infant car seat, rarely used, like new, \$25. Tianobo, Ext. 7829.

DEHUMIDIFIER - Kenmore, 40pts./day, works well, \$55. John, Ext. 4028.
DEHUMIDIFIER - Sears Kenmore, works well, clean & quiet, \$49. Frank, Ext. 2022, 586-0779.
DINING ROOM SET - 7 pc., Medit. Style , 2 pc. hutch/brkfst, table w/leaf, 6 chairs & custom table pads, ask \$500. Ellen, Ext. 2816.

TABLE - cust. pads, dk pine, 48" round, w/2 leaves; Maytag refrig. warr. \$400; 2 a/cs, warr. \$100/ea. Paul, Ext. 5829, 289-9152.
MATTRESS SET - twin, \$30; wood chest, \$30; file cab., \$10; Sharp microwave oven, 8 cu. ft. w/ turn table, \$35. Sadayuki, Ext. 4360.
MICROWAVE OVEN - Magic Chef 850W, rotating tray, digital, 1 cu. ft., \$50. Sue, Ext. 3492, 734-2593/eves.

POSTCARDS - antique, sailing scenes, blk./white, blk. frames, \$25/pr. Karen, 286-6133.
REFRIGERATOR - Magic Chef side-by-side, excel. cond., bone color, ask \$400/neg. Janet, 744-8087.
REFRIGERATORS - 2, both white, one opens left, other right, \$50 & \$120; gas stove, white, self cleaning, \$175. Tom, 929-0163.
RUG - 9'x12' cream Berber, nylon, teal/mauve, \$50/obo; conv. sofa, teal, queen, gd. cond., 92"Wx33"Dx31"H, \$100/obo. 331-4538.
SLEEPER SOFA - queen, floral pattern, like new, mattress never used, \$500. Mary, Ext. 2815, 472-4087.
TABLE - driftwood, heavy glass top, approx. 4'x3', \$60. Anand, Ext. 4844.
WASHER/DRYER - Whirlpool, washer needs work, \$25; dryer, \$100. Tom, Ext. 3085, 744-4535.

Tools, House & Garden

GARAGE DOOR - 9x7, 4 windows, Liftmaster, auto opener, \$100. Arlene, 749-2051.
LAWN BLOWER - 2 yr. old Little Wonder, 5 hp. commercial, barely used, Ben, 689-7326.
LAWN MOWER - CMMC 625 elect. cordless, 3.5hp, excel. cond., \$95. Regina, 286-8849.
LAWN MOWER - Murray, 20", mulching, self prop., rear bag, \$70; Sears, 20", rear bag, gd. cond., \$50. Walter, 567-9025.
MOWER - Sears ride-on-mower golf cart style w/attachmnts., 30" cut, 8hp, needs front tire, \$325. Frank, 277-0464.
PATIO SET - Resin, beige, 4 hi-back chairs, oval table, white chaise lounge w/pad, gd. cond., ask \$150, Ellen, Ext. 2816.
SPA COVER - brown, 86x86 blower & cover incl., excel. cond., \$350. Robin, 369-3721.

Sports, Hobbies & Pets

BICYCLES - 2, 24", 3-spd. girl's bike, gd. beginners w/owners manuals, may need tubes, ask \$25/ea. Ed or Jean, 929-4522.
BICYCLES - ladies' 26", 18 spd., upright handlebars, \$40; boy's Ross Compact, 26", 10 spd., \$25. Sue, Ext. 3492, 734-2593/eves.
BICYCLES - women's mountain bike, Murray, 26", 18 spd., gd. cond., \$30. Walter, 567-9025.
JET SKI - '96 Sea Doo XP, yellow w/trailer & access., \$2,900/obo. Frank, 277-0464.
MOTOR BIKE - '02 Whizzer, 150cc, ask \$2,500/obo. Peter, 767-1392, 8 a.m. - 8 p.m.
PUPPY - Cocker Spaniel, 4 mo. old male, blk./white, AKC papers, adorable, \$350. Mike, 281-2414.
RELOADER - MEC 9000G, incl. manual, primer, universal charge bar, 15lb., #8 shot, excel. cond., Heather, 929-4886.
SKATES - Inline, CCM Tacks, mens, size 9, brand new, in box, \$125/new, now \$35. Bob, Ext. 4758.
TICKETS - 6, for Sting & Annie Lennox at Jones Beach, 7/1, \$46/ea. Gregg, Ext. 4548, or 874-8631.
TICKETS - U.S. Open, 2 seasons for Shinnecock open, Mon.-Sun. & playoff, at cost, \$350/ea. or face for individual tickets. Jim, Ext. 4327 or 929-4407.

Audio, Video & Computers

DELL - 1Ghz CPU, 256Mb ram, 20Gb hd, cdrw, 19" mon., Win2K, Office, \$325/neg., w/out mon., \$275/neg. Don, Ext. 7237, 929-6571.
COMPUTER & MONITOR - Dell, 500Mhz, 64Mb ram, 10Gb, hd, 17" mon., \$165. Gary, Ext. 2550 or 399-7355.
KEYBOARD - Casto, CTK-510, 61 keys, 5 octaves, 120 voices, 40 beats, \$40; Dell 17" mon. CRT, 0.28mm, \$40. Amand, Ext. 4844.

PRINTER - HP Deskjet 682 color, works well, \$25. John, Ext. 4028.

PRO AUDIO STUDIO GEAR - Rackmount mixer, compressors, synthesizers, FX units, more, low prices, Maxim, Ext. 3621.

TV - Magnavox, needs minor repair, \$30. Steve, Ext. 4615.

TV - Toshiba, 20" flat, \$100; Daewoo DVD/Video combo, \$60; Toshiba 20" flat TV, \$130; more, Sadayuki, Ext. 4360, 921-7011.

Miscellaneous

ART PHOTOGRAPHY - for sale at www.jmjohnson.com & the Bera Store. Jim, Ext. 2238.
MOTORCYCLE JACKET - leather, size 46, excel. cond., \$40. Robert, Ext. 7238.
PIANO - '73 ConsoleSohmer, orig. certifi., walnut finish w/matching bench, excel. cond., \$2,300/neg. Claudia, 368-8974.
TRAINS - Lionel, American Flyer & others, cast metal toys, high cash pd., also have some sets for sale. Bruce, 924-4097
HOT TUB - w/cover, for 8 people, 3 yrs. old, gd. cond., David, Ext. 7794.
UNIQUE PIÑATAS - all occasions & characters, cartoon, Disney, Sesame Street. Donna, 821-0359.

On-Site Service Station

MARINE ELECTRICAL COMPONENTS - now supplied at Upton Industries, Inc., including hard-to-find units, e.g. Volvo Penta, Mando, Mitsubishi, Honda/Coleman marine generators for RV use available. Ext. 4304.

Yard & Garage Sales

MOVING SALE - 1r, 2 kit. sets, coffee & 2 end tables, lazyboy recliner, slipcovers & more. Call for details. Angela, Ext. 5944.
EAST MEADOW - moving sale Sat., 6/26, 169 Ronnie Drive. All house contents must go. John, 648-3927.
HOLBROOK - 2-family, baby's items, furniture, misc. 269 Thunder Rd. Holbrook, Sat., 6/12. Mary, Ext. 2815 or 472-4087.
MEDFORD - every Sat./Sun. in June, 9 a.m.-4 p.m., 867 Old Medford Ave., 2 houses N of LI Ave. Jill, Ext. 3173, 207-0030.
SHOREHAM - Sat., 6/19, 9:30 a.m.-3:30 p.m., Shoridge Hills community, 6 blocks, Enter at Harvard or Valentine Rd., off N. Country Rd. Carol, 744-8632.

Lost & Found

FOUND - men's watch in Bldg. 703 Training Rm. Nanci, Ext. 2821.

Free

SOFA SLEEPER - cloth, expands to full size & full-size bed w/mattress. Henrik, 474-3710.
YUCCA PLANTS - Fred, Ext. 5453.

Wanted

ELECTRIC GUITAR - for beginner. Jay, Ext. 4994.
MUSICIANS - drum and bugle corp. is looking for new members, ages 11-17. Free lessons and instruments. Daniel, Ext. 4798 or 878-1255.
POND FISH - if you have extra, I'll pick them up. Angela, 475-2946.
RESEARCH VOLUNTEERS - men and women, ages 18 and over, are needed for PET study. Strictly confidential, fee provided. 344-5015.
RUNNERS - and walkers for the JPMorganChase Corporate Challenge, 7/27, 7 p.m., Jones Beach. For more information, see notice on page 3 or contact James, Ext. 6222 or marron@bnl.gov.
SHOTGUN - model 870 in 410Ga., Joe, Ext. 3783 or 929-8321.

In Appreciation

I want to thank everyone for your expression of sympathy and concern following the recent passing of my mother, Irene. Your cards, prayers, and kind words were a comfort and a help. Mothers are very special-something we especially learn to appreciate when we have children of our own. On behalf of our family, our deepest thanks.
— James Tarpinian
Thank you so much for your thoughtfulness and generosity in our time of sorrow. Your acts of kindness will never be forgotten.
— Andrew Salamone and Family

BNL Food Drive



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