

Women's Recognition Night Brookhaven Town Honors Three BNL Employees

Three BNL employees — Helene Benveniste, Mary Daum and Marge Lynch — were among 17 women honored for their accomplishments at the Town-sponsored Women's Recognition Night on March 23. The Town held the ceremony to celebrate National Women's History Month.

See story on page 3.



Roger Stoutenburgh 00320304

Mary Daum (left), Helene Benveniste (center), and Marge Lynch were among 17 women honored at Brookhaven Town's Women's Recognition Night.

Roy Lebel Named Manager, Quality Management Office

Roy Lebel, who has more than 25 years of experience in quality management, has been named Manager of BNL's new Quality Management Office.

The newly formed Quality Management Office encompasses four Lab functions: quality programs and services, management services, the integrated assess-

management to reduce vulnerabilities while adding value to Brookhaven's goal of scientific and operational excellence."

As part of its responsibility to facilitate scientific research, BSA, the company that manages BNL for DOE, must fulfill more than 400 contract requirements: from DOE; federal, state, and local governments; and other institutions. To manage these requirements, the Lab has put in place various management systems that define the way work is to be performed. These management systems are delivered to Lab personnel via a Web-based system known as the standards-based management system.

Lebel worked as a reliability analyst for Pan American World Airways while he earned a B.S. in aeronautics and aeronautical

management program, and standards-based management. The new office was formed as part of an overhaul of the BNL's support operations to increase efficiency.

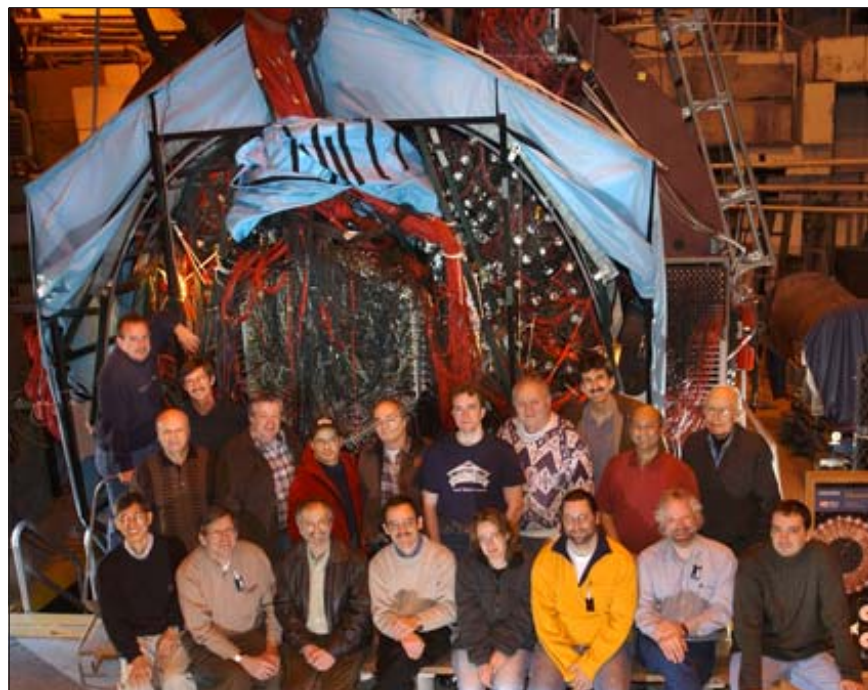
"I am pleased and excited to have the opportunity to serve this institution at this level," said Lebel. "My primary vision for the Quality Management Office is to set high expectations and work hard to understand, aid, and coordinate with senior

management from Dowling College in 1979. In 1981, he moved on to become a quality engineer at Gull Airborne Instruments, Inc., in Smithtown, NY. In 1984, he joined the Harris Corporation in Syosset, NY, as product assurance manager, and, in 1992, he became the quality manager for BNL's Magnet Division, which supplied superconducting magnets for the

(continued on page 2)

Physicists See Golden Needle In a Micro-Cosmic Haystack Rare Kaon Decay $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ Observed at AGS

Pictured in front of the particle detector of Experiment 949 at the Alternating Gradient Synchrotron are many of the BNL members of the experimental team: (front, from left) I-Hung Chiang, Jim Frank, Laurie Littenberg, David Jaffe, Ilektra Christidi of Stony Brook University, Brett Viren, Steve Kettell, and Sasha Artamonov of IHEP, Russia; (back, from left) Ed Stein, Manny Garber, Bill Smith, John Boehle, Henry Diaz, Joe Cracco, Benji Lewis of the University of New Mexico, Harry Sauter, Neil Donahue, Milind Diwan, and Dick Strand.



Roger Stoutenburgh 00680304

At BNL's Alternating Gradient Synchrotron (AGS), an international team of physicists examining an extremely rare form of subatomic particle decay has discovered evidence for the highly sought process — a veritable golden needle in a micro-cosmic haystack of 7.8 trillion candidates. The team's findings could be an indication of new forces beyond those incorporated in the Standard Model of particle physics. That long-standing theory of all particle physics precisely predicts the rate of such decays to be half that observed by the experimenters, although it is still too soon to say if a deviation has occurred.

The result of the experiment, presented by David Jaffe of BNL's Physics Department at a colloquium at BNL on Tuesday, March 23, has been submitted to *Physical Review Letters* and is also at <http://arXiv.org/abs/hep-ex/0403036>.

The experiment, which uses one of the most comprehensive particle detectors, detects the disintegration of an unstable subatomic particle called a K meson, which exists for only 12 billionths of a second before decaying, or breaking apart, in a variety of ways.

One particular decay — in which the K meson turns into a positively charged pion, a neutrino, and an antineutrino — is extremely important due to the internal subatomic processes involved and its sensitivity to new physical effects not accounted for in the Standard Model. The decay is so rare that it was predicted to happen only once in all the decays ever observed by all of the experiments that have searched for it since the 1960s.

This research was funded by the Office of High Energy Physics within DOE's Office of Science, with support from the Natural Sciences and Engineering Research Council and the National Research Council of Canada, and through agreements with the Japanese and Russian governments to support research at DOE facilities.

The experimental collaboration — now composed of 70 scientists from Canada, Japan, Russia and the United States — has been conducting the search for the past decade at the AGS, a particle accelerator that produces the world's most intense beams of K mesons. The

(continued on page 2)

Electrical System Upgrade Completed Results in Safer, More Reliable Operations

The Plant Engineering Division (PE) recently completed a \$6.7 million dollar, two-year construction project to upgrade the Lab's electrical distribution system.

Under the direction of Swapna Mukherji, a project coordinator in PE's Engineering & Construction Services Group, the project was completed on schedule, within budget, and without an injury. "This accomplishment is a direct indication

of the excellence of the BNL electrical crew," said Mukherji. "Everyone involved, including Plant Engineering's Abass Wessen, John Dowd, James Boomer, and Roy Butler, as well as the Long-Island based electrical contractor Hinck Electric Company, was committed to getting the work done, and getting it done safely."

"Electrical power is the lifeblood of all of our scientific facilities here at BNL, particu-

larly our major user facilities," said Mike Bebon, BNL's Deputy Director for Operations. "We are always planning and seeking funding from DOE for needed upgrades. This important project and those that came before it will assure that we can continue to meet our reliability objectives."

In the late 1940s, BNL was transformed from a U.S. Army base to a national laboratory. (continued on page 2)



Joseph Rubino 00370204

Pictured in front of one of two new electrical substations that were recently built at the Lab as part of a two-year, \$6.7-million-dollar project to upgrade BNL's electrical distribution system are Plant Engineering Division members: (front, from left) Dennis Kotarski, John Dowd, and Swapna Mukherji; and (back, from left) Denis Joyce, Abass Wessen, James Boomer, Arthur Veprovsky, and Martin Kelley.



Roger Stoutenburgh 00680304

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 —

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

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.

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. Pre-registration 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
9-11:30 a.m. in the Rec. Hall. For 3 & 4 year olds. Alison Tilp, Ext. 4465, or tilp@bnl.gov.

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

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.

March is Women's History Month

In celebration, the Women's Program Advisory Committee will hold a weekly CD raffle. Free raffle tickets will be available at a display in Berkner Hall lobby.

— THIS WEEKEND —

Friday, 3/26

***BNL Music Club Jazz Concert**
Noon, Berkner Hall. Three BNLeers: Christine Aidala on flute, Gabriele Carcassi on piano, and Robert Kelly on guitar; with Joe and Ray Kruse on bass and drums will play excerpts from the work of Claude Bolling. See notice, page 4.

Saturday, 3/27

Boy Scout Atomic Merit Badge Program
9:30 a.m.-3 p.m., Bldg. 490, Large Conference Room. Pre-registration complete. No walk-ins please. Sherry Johnson, Ext. 5658.

***Darbari, Indian Dinner Concert**
5:45-10:30 p.m. Berkner Hall. After dinner, acclaimed Indian musicians perform the court music of India. For more information, including ticket cost, see page 4.

Rare Kaon Decay Observed at AGS

(cont'd.)

iment's spokespersons are: Steve Kettell, BNL Physics; Shojiro Sugimoto, University of Tokyo and KEK, Japan; and Douglas Bryman, University of British Columbia and TRIUMPH, Canada.

The research team found the latest evidence of the long-sought process in just-analyzed data. This followed two earlier sightings at BNL in 1997 and 2002 (see: <http://www.bnl.gov/bnlweb/pubaf/pr/2002/bnlpr011002.htm>). The new data were obtained using improved apparatus that exploited higher beam intensities and achieved greater efficiency of detection than any previous experimental setup.

The current result indicates that the process occurs once in every 7 billion decays. The improved result continues to suggest a possible discrepancy

Sol Pearlstein, a guest scientist in the Energy Science & Technology Department, who had retired as a senior physicist on June 30, 1995, after 31 years at the Lab, died on November 7, 2003, at age 73.

Pearlstein had joined BNL's then Department of Nuclear Energy on May 18, 1964, as an associate physicist. From 1968 to 1992, he served as the Director of the National Nuclear Data Center at BNL. He chaired the Cross-section Evaluation Working Group 1966-83, was a member of the U.S.-DOE Advisory Committee on Reactor Physics and the International Nuclear

with the Standard Model, although, with only three events, the result is still consistent with this model's prediction of one in 13 billion decays.

"It is very important to establish whether these first few events represent a statistical fluke or an important breakthrough," said Bryman. "This can only be done with an enhanced event sample, which could be obtained by further running of the experiment.

"Additional running would resolve the issue and firmly establish whether we are seeing an extremely significant departure from standard theory," Bryman continued. Such further running would require program funding not presently planned.

— Karen McNulty Walsh
See also www.bnl.gov/bnlweb/pubaf/pr/2004/bnlpr032304b.htm and www.phy.bnl.gov/E949/.

Data Committee, and was appointed as a specialist for the Defense Nuclear Facilities Safety Board, 1992-94.

Pearlstein's notable contributions included the International Nuclear Structure & Decay Data network, which he was instrumental in forming under the auspices of the International Atomic Energy Agency. This, and many subsequent functioning national and international nuclear data networks, are considered to be his legacy. An elected Fellow of the American Nuclear Society, Pearlstein was also a member of the American Physical Society and Sigma Xi.

In Memoriam

Roy Lebel

(cont'd.)

Relativistic Heavy Ion Collider Project, a position he held until 1996, when he joined Dorne & Margolin, Inc., for a year as director of product assurance. He then became director of operations for North Atlantic Instruments in Bohemia, NY.

In 1999, Lebel returned to BNL as manager of quality operations for the Lab's Waste Management Division. In the same year, he was assigned as project manager for the development of BNL's integrated approach to Quality Management. He then became manager of the Lab's Quality Programs & Services Office, a position he held until February 9, when the new Quality Management Office was formed.

Lebel served as chair of the Long Island section of the American Society for Quality from 1998 to 2000, and, in 2003, he worked with DOE headquarters and the DOE complex to streamline a nationwide quality assurance organization. In 2003, Lebel was invited to the Korean Atomic Energy Institute in South Korea to lecture on BNL's quality management program. Since 1999, Lebel has been an adjunct instructor in Stony Brook University's MBA program, teaching a course on quality management.

— Diane Greenberg

Arrivals & Departures

Arrivals
Theresa Edrehi Emg. Svcs.
Patrick Zoccoli Plant Eng.

Departures
None

Electrical Distribution System Upgrades

(cont'd.)

The electrical distribution system has had several updates since then, but energy needs have changed significantly. A major overhaul of the electrical distribution system was necessary to support projects, such as the Lab's Relativistic Heavy Ion Collider and the National Synchrotron Light Source, while bringing the system into compliance with federal, state, and local workplace standards.

The upgrade team replaced outdated substations and worn cables, installed new power cables and duct banks to provide redundancy, and incorporated new circuit breakers to improve system safety and reliability. Despite the scale and complexity of the project, it was completed without incurring a safety violation.

"I'd also like to congratulate the team for an outstanding achievement," said Bebon. "They met all project cost, schedule and technical objectives, with minimum disruption to operations," he continued. "But most significantly, this was dangerous work with high risk of serious injury throughout. They completed it all with a perfect safety record."

This milestone marked the end of the second phase of a larger project to improve the Lab's infrastructure. Completing this phase of planned modernization and refurbishment

improves the safety and operational conditions of BNL's 13.8 kilovolt (kV) and 2.4 kV electrical distribution systems.

The Lab's electrical distribution system consists of two major substations that step the voltage down from 69 kV to 13.8 kV. From these substations, 13.8 kV feeders run in underground duct banks to distribution transformers throughout the site.

The site also has four substations that step the voltage down again from 13.8 kV to 2.4 kV. These substations form an interconnected distribution system to supply power to the southeast portion of the Lab site. As part of this project, two of these four substations were removed and new substations built in their place.

"The new substations are a vast improvement in selectivity and reliability of the breaker operation, relaying, and fault detection," said Mukherji.

All locations affected by these upgrades were provided temporary power during the construction period. "Our job as a support group is to be as transparent as possible — keeping our work off the minds of others here at the Lab," said Mukherji. "I am pleased to report that the science at BNL went on uninterrupted during the entire construction project."

— John Galvin

Cleaning up Peconic River sediment on Lab property is scheduled to begin in late March. The work is being performed by Envirocon, Inc., a nationally prominent environmental remediation company.

As a safety precaution, employees are asked to stay clear of the posted Peconic River cleanup areas where sediment removal will occur between the site boundary at North Street and north of the Firing Range. The Firing Range is located on First Street in the northeast section of the Lab. Heavy construction vehicles and other earth-moving equipment will be operating there and the area should only be entered with a prearranged escort. One of the first tasks of Envirocon will be to construct three drying beds adjacent to the railroad track, near the eastern end of Princeton Avenue near Railroad Street.

Take Daughters, Sons to Work Day, 4/22

On Thursday, April 22, Lab community parents are invited to bring their children of ages 10 to 15 to the Lab to participate in Take our Daughters and Sons to Work Day, a national event sponsored by the Ms. Foundation for Women. To register, fill in the form that will be sent to all employees, and return it to Susan Foster, Bldg. 185. Contact Foster at Ext. 2888 or foster@bnl.gov.

Lifeguard Training & Certification Course

BERA will sponsor a Lifeguard Training & Certification Course, beginning Sunday, April 4, for nine weeks. Participants must be 15 or older. Call Susan Dwyer, Ext. 3496, after 4:30 p.m. on Mondays through Thursdays for information and course fees.

OMC Changes Procedure For Personal Physician Services

Remember that, effective March 30, the Occupational Medicine Clinic (OMC) will be changing the way an employee receives his/her clinical laboratory results for tests ordered by a personal physician. Note the following:

- The OMC will continue to draw and collect specimens (blood, urine, etc.) ordered for testing by your personal physician, if you bring the following information at the time of your visit:
a) Prescription from your doctor identifying the ordering physician, address and telephone number.
b) Insurance card information, including policy holder's name, and employer.
- The OMC will not receive lab results ordered by your personal physician. If you want test results, you must contact the ordering physician for information. The OMC will not have your results on file.
- Quest Diagnostics will bill your insurance carrier for services. There will be no co-pay requirements for collecting and processing the specimens.

The above information pertains only to laboratory tests ordered by personal physicians. Results from tests performed in association with your employment at BNL will continue to be received at the OMC and kept on file. If you have any questions, please do not hesitate to contact the OMC at Ext. 3670.

Brookhaven Town Honors Three BNL Employees

Recognized by the Town for her contributions to medicine, **Helene Benveniste**, BNL's Interim Associate Laboratory Director for Life Sciences and Interim Chair of the Medical Department, has a commitment to the practice of medicine and to investigating medical problems of major societal impact. Early in her career, she pioneered new methods for investigating the brain and made important discoveries in how stroke damages the brain.

Currently, Benveniste works in a new research field known as magnetic resonance microscopy – an advanced form of magnetic resonance imaging, which allows the visualization of the brain in very fine detail. She has set up a small animal magnetic resonance system at the Lab to look at models of human disease and the role of genetics in disease. Benveniste also recently started investigating how drugs of abuse and therapeutic drugs like antidepressants are transferred from a mother to an unborn child.

In addition to working at BNL, Benveniste also is a practicing anesthesiologist at University Hospital at Stony Brook, and she is a professor in the Department of Anesthesiology at Stony Brook University. She earned her M.D. and Ph.D. in neuropathology and neurobiology from the University of Copenhagen, Denmark, in 1986 and 1991, respectively. In 1989, she left Denmark and joined Duke University where she did an internship in family medicine and a residency in anesthesiology. She joined BNL's Medical Department as a scientist in 2001, and was promoted to her current positions in 2003.



Three BNL employees — Helene Benveniste, Mary Daum and Marge Lynch — were among 17 women honored for their accomplishments at the Brookhaven Town-sponsored Women's Recognition Night on March 23. The Town held the ceremony to celebrate National Women's History Month.

Benveniste commented. "I'd like to thank Brookhaven Town for recognizing my contributions in medicine. Also, I'd like to thank all my colleagues who have helped to make my research possible."

Mary Daum, Manager of BNL's Environmental Information Management System (EIMS), was honored in the category of technology. Over the last decade, she has built and overseen an integrated database and geographic information system (GIS) on environmental data at the Lab. The EIMS that she developed is based on over two million sample analytical records, more than 300 maps, and over 25 data access and data management applications.

Daum's system includes such services as data processing, verification, storage, reporting and visual presentations that convey complex environmental data in terms that the general public can understand. In addition, as a current member and former chair of the Long Island GIS User Group Steering Committee, Daum has worked to further the use and availability of the GIS throughout Long Island.

"I am pleased that the EIMS is a system from which people can get timely information," Daum said. "I'm also proud to be acknowledged for my work by Brookhaven Town."

Daum earned an M.S. in education from Miami University, Ohio, in 1966, an M.A. in geog-



raphy from Michigan State University in 1969, and a Ph.D. in geography from the University of Wisconsin in 1977. She began her BNL career in 1982 as a technical collaborator in the Department of Applied Science. In 1993, she started working on EIMS in the Office of Environmental Restoration and she became EIMS manager in the Environmental Services Division in 2000.

Marge Lynch, who was recognized by the Town for her contributions to government, became BNL's Assistant Laboratory Director for Community, Education, Government and Public Affairs in 1997 during one of the most tumultuous times in the Lab's history. She is responsible for BNL's internal and external communications, community involvement, government relations, and science education programs. Faced with environmental, political and community relations problems, Lynch successfully directed programs to help rebuild the Lab's relationships with neighbors, community groups, and elected officials.

Lynch's continued commitment to involving the community in decision-making processes has led to numerous awards, including the "Organization of the Year" award from the International Association of Public Participation. The community involvement and com-



munications programs instituted by Lynch are widely viewed as models for industry and government agencies. In 2003, an external group of experts in the fields of internal and external communications and public participation gave Lynch's organization its highest rating for communications, education and community involvement programs.

Lynch commented, "I am extremely pleased to be granted the distinction of Woman of the Year by the Brookhaven Town Office of Women's Services. My special thanks go to a very talented, creative, smart and effective Community Involvement, Education, Government & Public Affairs staff and the more than 500 Lab volunteers who share in this award."

An accredited member of the Public Relations Society of America, Lynch earned a B.A. in English literature from Saint Peter's College and an MBA in finance from New York University. She started her career as an aide to former Suffolk County Executive John Klein in 1974, and, four years later, she spearheaded the creation of a public relations staff at Northville Industries, Melville, Long Island. In 1985, she moved to Boston to become Manager of Government & Public Affairs at Browning-Ferris Industries, and, in 1988, she returned to Northville as Director of Government & Public Affairs. In 1993, Lynch became Vice President of the Marcus Group, a Manhattan-based government and public relations consulting firm, and, in 1996, she moved to Exton, Pennsylvania, to become Program Director of Public Affairs & Community Relations for Environmental Resources Management, Inc., a global environmental consulting firm, a position she held until she joined BNL. — Diane Greenberg

Estate Planning, 4/13

A TIAA-CREF representative will present "Foundations of Estate Planning" on Tuesday, April 13, at noon in Berkner Hall. This informative seminar will address asset preservation, transfer of wealth strategies, and review estate planning techniques. Check your mailbox for registration forms. For more information, contact Joyce Wund, Ext. 7516.

Vanguard: One-on-One Retirement Planning

The Vanguard Group invites you to spend 45 minutes one-on-one with a licensed representative at the Lab to talk about financial issues, on Wednesday, April 28. You may learn about: investing for long-term goals such as retirement; selecting funds for savings; and making the most of available services and investment tools. Schedule a 45-minute session on-line at www.meetvanguard.com or call 1-800-662-0106, Ext. 14500.

Roll Up Your Sleeve: Blood Drive, 4/13

BNL will hold a blood drive on Tuesday, April 13, 9:30 a.m.-3 p.m. in the Brookhaven Center. People in good health between the ages of 17 and 75, weighing at least 110 pounds, may give blood. Donors need photo ID and social security number. To donate, contact Susan Foster at Ext. 2888 or donateblood@bnl.gov, with your name, phone extension, and best time for an appointment.

Pilates Classes 4/23

BNL's new pilates class will begin on Friday, April 23 (not April 9 as previously announced), and run for eight consecutive weeks on Friday evenings from 7 to 8 p.m. in the gym at a cost of \$60 for eight weeks. Advanced registration is required. Send checks, payable to BERA, to Christine Carter, Bldg. 179B. For more information, contact Carter at Ext. 5090.

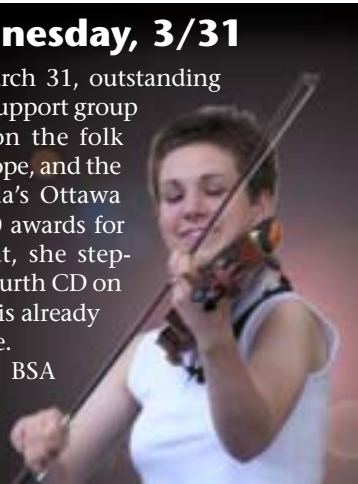
TIAA-CREF Individual Retirement Counseling

A TIAA-CREF representative will visit BNL on Monday, April 12, Tuesday, April 20, and Friday, April 23, to answer employees' questions regarding the TIAA-CREF retirement plan, such as TIAA and CREF differences, allocating funds between TIAA and CREF, options, flexibilities with TIAA-CREF, and retirement options. For a 45-minute appointment, call Valerie James, (800) 842-2733, Ext. 7980.

Noon Recital, Wednesday, 3/31

At noon on Wednesday, March 31, outstanding fiddle-player April Verch and a support group will perform music drawing on the folk traditions of France, Eastern Europe, and the British Isles. Raised in Canada's Ottawa Valley, Verch has won over 400 awards for her playing. As an added treat, she step-dances while performing. Her fourth CD on a major label, "VERCH-uosity," is already regarded as a classic of the genre.

All are invited to this free BSA Noon Recital. Visitors to the Lab ages 16 and over must carry a photo ID.



Easter Egg Hunt, 4/10

All are invited to the Hospitality Committee's annual Easter Egg Hunt on Saturday, April 10, at 11 a.m. in the Recreation Bldg. Each child should bring 15 plastic eggs filled with soft candy.

In addition to hunting for eggs, participants will have the chance to make crafts and hit a piñata. Parents are asked to bring a dessert to share. For more information, contact Monique de la Beij, 399-7656.



'Candles for a Cure'

"Candles for a Cure" is an American Diabetes Association (ADA) fund-raiser that increases awareness about diabetes and raises money for the research, information and advocacy efforts of the ADA.

For Mother's Day on May 9, Yankee candles and specially designed, limited edition Plushland Mother's Day bears will be sold to benefit ADA. The candle and bear may be bought together for \$20, or separately for \$15/candle or \$10/bear. Buy candles and bears through April 22 for delivery during the week of May 3. Prepaid orders may be made at the BERA Sales Office, weekdays, 9 a.m.-3 p.m.

Calendar

(continued)

— WEEK OF 3/29 —

Wednesday, 3/31

*Noon Recital

Noon, Berkner Hall. April Verch, fiddle player and step dancer. All are welcome. See notice at left.

Thursday, 4/1

BERA Bridge Club

7 p.m., Brookhaven Center. Morris Strongson, Ext. 4192, mms@bnl.gov.

— WEEK OF 4/5 —

Tuesday, 4/5

Caring Friends Meet

Noon, Berkner Hall, Room D. All are welcome to join an informal support group serving as a resource for individuals experiencing grief following the loss of a loved one. Call Pat Hein, Ext. 3962, or Gerry Van Derlaske, Ext. 3476.

Thursday, 4/8

BERA Bridge Club

7 p.m., Brookhaven Center. Morris Strongson, Ext. 4192, mms@bnl.gov.

Friday, 4/9

Talk by Sunita Mukhi, SBU Wang Ctr.

Noon, Berkner Hall. The BERA Asian Pacific American Association will sponsor a lecture to be given by Sunita Mukhi, Director, Stony Brook University Wang Center, title to be announced, in honor of Asian Pacific American Heritage month, to be celebrated in April at BNL. All are welcome to join Mukhi for lunch after the lecture in Berkner Hall, Room A. For more information, see www.stonybrook.edu/sb/wang/people.shtml. For other APAA events, see www.apaa.bnl.gov.

Saturday, 4/10

*Hospitality Easter Egg Hunt

11 a.m., Recreation Hall. All are welcome. See notice below, left. Monique de la Beij, 399-7656.

— WEEK OF 4/12 —

Tuesday, 4/13

Blood Drive

9:30 a.m.-3 p.m., Brookhaven Center. See notice below, left. Contact Susan Foster, Ext. 2888 or donateblood@bnl.gov.

Delta Technical Systems Demo

10 a.m.-2 p.m., Berkner Hall. Delta Technical Systems, Inc. will present BNLers with their complete line of industrial automation equipment, with high-performance control and data acquisition systems. Thomas Estlow, 215-957-0600, Ext. 3019 (not the on-site Ext. 3019).

*Foundations of Estate Planning

Noon, Berkner Hall. TIAA-CREF talk on "Foundations of Estate Planning." See notice at left. Joyce Wund, Ext. 7516.

Wednesday, 4/14

Rifle & Pistol Club Meeting

Noon, Conference Room, Bldg. 535. All are welcome. For more information, contact Jim Durnan, Ext. 8236; Rich Conte, Ext. 5741; or www.bnl.gov/bera/activities/rpc/.

Friday, 4/16

*Women In Concert

7:30 p.m., Berkner Hall. Sponsored by the BERA Music Club, with host Yvette Malavet-Blum, a cabaret singer who works at BNL. Tickets are \$12. See page 4.

APAA Dinner & Dance Social

5:30-8:30 p.m., Recreation Hall. The BERA Asian Pacific American Association will hold a potluck dinner. Dinner is free, but bring a dish to share for six people.

8 p.m.-midnight, Brookhaven Center. The APAA dinner will be followed by a dance social. \$8 per person, includes workshop & dance, \$3 admission for the dance social only. Live band music by "Accent."

— WEEK OF 4/19 —

Wednesday, 4/21

Brookhaven Lecture

4 p.m. Berkner Hall. Hong Ma, Physics Department, will talk on the ATLAS detector, title to be announced.

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.

Indian Dinner/Concert, 3/27

7:30 p.m. Dabari plays classical music

5:45 p.m. Dinner features food of India

Darbari, an acclaimed ensemble of four musicians who perform the classical music of India on sitar, bansuri, sarangi, and tabla, will play in Berkner Hall on Saturday, March 27, at 7:30 p.m. Beforehand, concert-goers will be served a traditional Indian dinner at 5:45 p.m. at the Recreation Hall, which is in the apartment area. The dinner and concert are open to the public. All visitors to the Lab age 16 and older must bring a photo ID.

As advertised, after March 25, tickets for the dinner and concert cost \$35 for adults; \$25 for full-time students (age 12 plus) postdoctoral fellows, and senior citizens (age 65 and older); and \$10 for children age 5 to 12. Tickets may also be purchased at the door.

For more information, call Ext. 5672, or e-mail tope@bnl.gov.

BNL Music Club Jazz Concert Today at Noon

At noon today, Friday, March 26, in Berkner Hall, three BNLers: Christine Aidala on flute, Gabriele Carcassi on piano, and Robert Kelly on guitar, will be joined by bassist and drummer Joe and Ray Kruse to perform excerpts from two pieces by modern French composer Claude Bolling. Aidala and Carcassi are both of the Physics Department and Kelly is of the Human Resources & Occupational Medicine Clinic Division. Today's performance at BNL will feature three movements from his *Concert for Classical Guitar and Jazz Piano Trio*, and three movements from his *Suite for Flute and Jazz Piano Trio*.

Vote for BERA Candidates Next Week

Four candidates are running in an election for two four-year positions on the Executive Board of the Brookhaven Employees Recreations Association (BERA). They are: Deborah Keating, Procurement & Property Management Division; Bob Kiss, National Synchrotron Light Source Department; Sue Wells, Business Services Division; and Lisa Zimmerman, Medical Department. To learn more about the candidates, see last week's Bulletin, March 19, 2004, which is available on the Web from the BNL Homepage. The winners will be able to affect BERA recreation policies. So, read their campaign statements to help you make an informed choice when you cast your vote.

The election will be held next week, from March 29 through April 2. All employees of BNL, BSA, and DOE, and the employees of permanent, on-site contractors are automatically BERA members — and are urged to vote. Voting will be: Monday, March 29, Tuesday, March 30, and Friday, April 2, 11: a.m.-2 p.m., at Berkner Hall; Wednesday, March 31, and Thursday, April 1, 10 a.m.-2 p.m., at the Teachers' Federal Credit Union.

'Women in Concert,' 4/16



Three popular female singers — Yvette-Malavet-Blum, Robin Greenstein, and Cathy Kreger — will perform in "Women in Concert," in Berkner Hall on Friday, April 16, at 7:30 p.m. Sponsored by the BNL Music Club, the concert will be open to the public. All visitors to the Lab age 16 and over must bring a photo ID.

Yvette-Malavet-Blum will host the event and perform "A Tribute to My Favorite Female Singers." Malavet-Blum, who at BNL is a secretary in the Director's Office, is also a popular cabaret singer who has performed in Manhattan and Long Island, as well as here at the Lab for two of the BSA Noon Recital Series concerts and for a BNL Music Club-sponsored concert last year with the Physics Department's Sam Carr.

Robin Greenstein is a singer-songwriter from New York City whose music is a mix of folk, pop, rock and blues. Greenstein's songs have been recorded on Fast Folk and Atlantic Records. She had been a writer for Bob Dylan's publishing company, and she has performed her music, which she calls "Acousticness," in over 43 states and several countries, including Mexico, Germany, Denmark and Switzerland. A Long Island native, Greenstein graduated from Stony Brook University, where she studied classical guitar.

Cathy Kreger — singer, songwriter and guitarist — has been performing her unique combination of adult contemporary music, old blues and alternative rock for 18 years. She has acquired a devoted fan base throughout the Northeast, especially Connecticut, New York and Long Island.

Tickets for the concert cost \$12 each and may be purchased at the door or in advance at the BERA Sales Office on weekdays, from 9 a.m. to 3 p.m.

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 JOBSITE, 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.

OPEN RECRUITMENT — Opportunities for Laboratory employees and outside candidates.

NS2880. MANAGER, SAFETY & HEALTH SERVICES DIVISION (M-3)- Requires an advanced degree in safety, environmental science, civil, chemical or nuclear engineering and professional certification as a CSP or CIH, plus 20 years of progressive safety and health experience in positions of increasing responsibility, including at least 5 years' experience managing a technical organization responsible for these programs. Experience within DOE as well as private industry is a plus. A distinguished career in the environment, safety, and health field, accompanied by proven success in management within a research and development facility is required. Excellent technical, leadership, interpersonal and management (people and project), communication, data analysis and decision-making skills and proven ability and successes in: proactively seeking and executing creative solutions, developing and executing strategic plans on time and within budget; motivating staff and leading change, a strong customer service orientation, and negotiating and partnering effectively with line management, DOE, regulators, workers (union and non-union) and public is required. Must be able to develop and sell safety and health services to internal customers to integrate safety and health into design and operations. Must be technically proficient in the areas of risk management, Worker's Compensation, Industrial Safety, Industrial Hygiene, Safety Engineering, Hazards Analysis, Chemical Management, work planning and project management. Extensive knowledge and experience working within DOE and regulatory agencies such as NRC, OSHA and DOT highly desirable. Reporting to the Assistant Laboratory Director for Environment, Safety, Health & Quality, will provide overall leadership, strategic direction, personnel development, and oversight to ensure full implementation of all Division responsibilities, accomplishment of all Division objectives and satisfaction of all Division customers. Environment, Safety, Health & Quality Directorate.

NS4158. ASSISTANT STAFF SPECIALIST (A-4) — Requires a bachelor's degree in a business discipline, experience with Microsoft Office applications, several years' related administrative experience, and excellent communication skills. Experience with the BNL Labor Cost Distribution System, Laboratory budget system and NIH grant submission, renewal and progress reports is desirable. Reporting to the Chemistry Department's Business Operations Manager, under general supervision, responsible for Labor Cost Distribution activities, development and maintenance of personnel forecast system and administration of all department grant and capital projects. Chemistry Department.

Motor Vehicles & Supplies

02 FORD F-150 - Lariat, 4x4, all pwr., leather, loaded, showroom cond., 13K mi., \$29,000. Diana, Ext. 7837 or 929-1693.

01 VOLKSWAGEN PASSAT GLX - V6 a/t, a/c, p/w, blue, tan leather int., cd, s/roof, excel. cond. 54K mi., \$16,000. Chris, 472-3113.

99 CHEVY LUMINA -a/t, a/c, p/s, p/b, p/w, c/c, 3.1L V6 eng., rem. start, 4dr., maroon, am/fm/cd, 54K mi., \$6,200. John, 732-7568

99 HUNDAI SONATA - 4dr., white, 6cyl, 70K hwy. mi., \$5,700. Jimmy, 395-5773.

99 SATURN SL2 - a/t, a/c, p/s, p/b, p/w, sunroof, new brakes, alarm, great cond., 101K hwy. mi., \$5,100/neg., Lisa Ext. 7524.

99 TOYOTA CAMRY - a/t, a/c, p/s, p/b, p/w, 4dr., s/roof, abs, keyless ent., white, 2 air bags, gd. cond., 59K mi., \$8,950. Ext. 5713 or 1034.

99 TOYOTA CAMRY - a/t, a/c, p/s, p/b, p/w, alarm, keyless ent., new brakes, 79K mi., \$7800. Bob, Ext. 7257.

98 CHEVY - Hi-Top Mark III Conversion Van, mint, fully loaded, 40K mi., \$12,995. Diana, Ext. 3681 or 399-3910.

97 NISSAN ALTIMA - 5spd, a/c, p/w, am/fm/cass., min. body damage, 98K mi., \$2,500. Dan, Ext. 4974 or 821-8650.

97 SUZUKI SIDEKICK SPORT - 5spd, a/c, p/s, p/b, p/w, brand new tires, 79K mi., \$3,900. Edouard, Ext. 7502.

96 CHRYSLER CIRRUS LXi - a/t, a/c, p/s, p/b, p/w, c/c, keyless ent., alarm, gd. cond., 64K mi., \$4,200/neg. Ext. 7132 or 793-4551.

96 CAMRY TOYOTA - a/t, a/c, p/s, p/b, p/w, new struts all around, windshield & head gasket, runs well. \$3,750. Martin, 874-3478.

95 CHEVY CAVALIER - a/t, a/c, 2dr., new brakes & tires, orig. owner, non smkr., excel. cond., 111K mi., \$2,600. Michele, 642-7442.

95 FORD MUSTANG GT -a/t, p/s, p/b, 8cyl., blk., am/fm/6-cd changer, new tires, 85K mi., excel. cond. \$4,000/neg. Ext. 3084 or 924-475.

95 OLDSMOBILE NINETY-EIGHT - all pwr., incl. dual front seats & sunroof, leather, 89K mi., \$3,500. Rodney, 751-7023.

95 SATURN SLI - 5spd., a/c, pwr. sunroof, dark blue, all serv. records, runs well, 158K mi., \$1,600. David, 258-6087.

94 FORD RANGER PICKUP - runs well, good cond., new batt., clutch, tmg. blt.; incl. cap, bdcvr., 130K mi. ask \$2,000.680-8445.

94 JEEP GRAND CHEROKEE LTD - leather, tow pkg, new tires, brakes, many extras, mint cond, 125K mi., \$5,300. Ext. 7459 or 929-1981.

94 MAZDA 626 - a/t, a/c, p/s, p/b, p/w, new tmg. belt, brakes, pads, tires; excel., 110K mi., \$3,150. Ext. 5018 or 335-9007 wkends.

93 CHRYSLER VAN T&C - leather, new tires, brakes, runs well, \$2,000; Utility homemade 2-wheel trailer, \$200. Richard, 924-6751.

93 FORD PROBE - a/t, a/c, p/s, p/b, p/w, new tires, brakes & exh. syst., rem. st., abs, full-size spare, alarm, 129K mi., \$1,800. Ext. 5873.

92 CHEVY TRUCK S-10 BLAZER - 140K mi., excel. cond., \$3,500. Tom, Ext. 3085 or 744-4535.

91 NISSAN STANZA - a/c. p/s, p/b, Pioneer remote cd, new battery, gd. cond. in & out, 140K mi. John, Ext. 4456.

90 HONDA ACCORD EX - 5spd, a/c, p/w, new tmg. belt, water pump, tires, muffler; garaged, excel. \$3,500. Ext. 2165 or 929-6610.

89 CHEVYS (2) - Celebrity, a/t, p/s, p/b, am/fm, new batt., 40K mi., \$595; S-10 pickup, 48K mi., a/t, p/s, \$600. Ext. 3288 or 872-8972.

SERVICE MANUAL - for '97 Nissan Truck, best offer, 89 Camry electrical wiring diagram manual, free. Jim, Ext. 8236.

SOFT TOP - for Suzuki Vitara JLX 2dr. or Chevy Tracker, brand new, blk., \$200. Denise, Ext. 5873.

TRAILER HITCH - Isuzu Rodeo 2" receiver, \$50. Richard, Ext. 7129.

Boats & Marine Supplies

22' CRUISER, INC. BARNEGIT - '87 w/ trailer, rebilt. Chevy 350 I/O, new parts, mint, \$7,000. 516-798-2599 or 516-860-9339.

21' PARKER SE-C/C - '98 Evinrude 150 hp, T-top, black hull, 89 EZ loader trailer, many new parts. \$11,900. Ext. 4174 or 722-3373.

20' BARETTA - '89 w/trlr., '94 3.0 Mercruiser I/O, 135 hp, dual console, full swim plat., 2 canv. tops, \$2,500. Ext. 3837 or 281-5056.

19' CAPE DORY TYPHOON - '97, 3.5 hp, keel daysailer, 5 sails, new compass, rigging, cradle, tarp, misc. gear. Ext. 3454 or 878-3553.

16' CONSOLE JOHNSON - '96 Wellcraft, '02 50hp, trailer, radio, depth, cover, \$7,600. 929-5911.

Furnishings & Appliances

BEDROOM SET - Lexington, dresser, mirror, 4-drawer desk, 2-shelf w/light hutch; nightstand, ask, \$950; Joseph, 821-3762.

BREAD MACHINE - West Bend, makes up to 2 lb. loaf, like new, \$35. Steve, 929-4268.

CHEST - solid wood chest-of-drawers, glyptic, ask \$39; folding pushchair, gd. cond., \$30; badminton set, \$10. Lan, Ext. 6207.

COFFEE & END TABLES - brass/glass, \$30/ea, 2 hanging wall mirrors approx. 18"x48". Tom Ext. 3085 or 744-4535.

COUCH - blue 5-pc Flexsteel sectional, w/queen pullout sofa bed, 2 recliners, corner seat, pristine, \$450, u-pick up. 744-4662.

COUCH - w/pullout bed, loveseat, \$500, oak tables, \$150; 7-pc dining set, \$700; desk, \$35; 2 air conds. \$25/ea.; Ray, 924-0361.

DINING ROOM SET - blk. lacquer, glass table w/4 chairs, lighted china cabinet, \$600, Cristina, 286-7162.

DESK - for comptr., 48", portable, 2 shelves, \$35; entertain. cntr., oak, 54" wide, holds up to 26" TV, \$125; Ext. 4026 or 298-9748.

GLIDER & OTTOMAN - white w/pastel fabric, like new, \$50; blk sit-up bench w/upholstery, backrest & leg support, \$10. 821-2530.

MATTRESS & BOX - queen size, Seaman's Care-o-Pedic, used 1 month, pd. \$600, ask \$300. Ken, 225-0642.

SOFA/LOVESEAT - queen sleeper w/matching loveseat, grape color, excel. cond., 2 yrs. old, \$400. Rodney, 751-7023.

CHAIR - blk. & chrome office swivel chair on wheels, gd. cond., ask, \$10, Ron, Ext. 4553.

TABLE - Victorian mahog./cherry, antique, 34x20" inlaid top, excel. cond., \$255; Vintage suitcases, 1 blk., 1 brwn., \$25/pr. Ext. 4262.

TABLES - 2 oak-finish end tables, w/glass top & bottom shelf, ask \$100. Debbie, Ext. 2882 or 924-7586.

WALL OVEN - GE True Temp digital, white, best offer. Barbara, Ext. 2585.

Tools, House & Garden

CHIPPER/SHREDDER/VAC - Troy-Bilt 8 hp, elec. start, 3.5" branch capac., rake-in-tray, x-long hose, \$400. Ext. 3454 or 878-3553.

HEATER - Kerosun, like new, \$75. Ray, 924-0361.

LAWN MOWER - John Deer ride-on mower, 8hp eng., grass & leaf bagger, gd. working. cond., \$200. Rich, Ext. 7013, or 698-5294.

MILLING MACHINE - floor model, excel. shape, horizontal/vertical spindles, quill head, Donald, 878-2197.

SCROLLSAW - Sears tabletop, grinder, tablesaw, rotor table, dual sander, jig for dovetails, \$50/all, firm. Rex, 205-0373.

STOVE - Wood or coal, can heat lg. area for 3 days w/one coal fill, excel. cond. \$300. Michael, 325-1711.

Sports, Hobbies & Pets

DOGS - Westie puppies, adorable 3F/2M, AKC health guar., parents on premises. Nicole, 580-4277.

GOLF CLUBS - Wilson 1200 golf set, 3 -PW, 1-3-5 Woods, putter & golf bag, excel. cond., \$225. Peter, Ext. 5282.

NORDIC TRACK SKIER - in gd. shape, best offer. Jim, Ext. 8236.

STAIRMASTER - Weider air-cylinder, \$40; Ab-Doer waist mach., \$50; complete gym set w/many features, you pick up, \$500. 924-0361.

Audio, Video & Computers

CAR STEREO - Aiwa, am/fm/cd, disappearing front panel wireless remote, \$100/obo. Don, Ext. 2253.

COMPUTER SYST. - Dell 1.1ghz CPU, 256Mb ram, 20Gb hd, cdw, 17: mon., spkrs, Win2K, 10/100, 56K, \$350; Ext. 7237 or 929-6571.

Miscellaneous

BABY'S ITEMS - play-yard, \$25; Portacrib, \$50; Exersaucer walker, \$20; tub, \$5; Snuggle carrier, \$10; barely used. 325-1711.

TICKETS - 2 Mets for 4/12, field box only, infield, Rodney, 751-7023.

UNIQUE PIÑATAS - all occasions & characters, cartoon, Disney, Sesame Street. Donna, 821-0359.

Lost & Found

LOST - engagement ring, gold baguette, high stone diamond, Tiffany style. Carol, 284-3387.

Free

COMPUTER - old, 120 mHz Packard Bell w/monitor keyboard, mouse, software, etc. Paul, Ext. 5829.

FUTON - queen size, cover, Keith, Ext. 5355.

Community Involvement

SENIOR ALZHEIMER'S CENTER - needs small gifts (perfume, hand lotion, knick knacks, sm. stuffed animals, etc.) for game prizes and craft items for activities/projects. Bring or mail to Karen, Bldg. 355, Ext. 4262.

RAFFLE - tickets for sale to benefit the Leukemia & Lymphoma Society. Great prizes! I still need to raise \$1,000. Please help! Anna, Ext. 7132 or 793-4551.

Wanted

BRIDGE PLAYERS - Bera Bridge Club looking for members, Morris, Ext. 4192 or mms@bnl.gov.

RESEARCH VOLUNTEERS - men and women who smoke cigarettes, ages 18 and over, are needed for PET study. Strictly confidential, fee provided. 344-5015.

SHOTGUN - model 870 in 410Ga., Joe, Ext. 3783 or 929-8321.

TV - used, over 19", in gd. working cond.; queen sized bed (futon); microwave. Lan, Ext. 6207.

WHITE PUPPY FENCE - receptionist in Human Resources let an employee borrow a fence some time ago; please return it, I need it back. Thank you. Debbie, Ext. 2882.

Get New Power Parts From On-Site Garage

The on-site garage, Upton Industries, Inc., can now supply new parts for all sorts of power equipment, for example: lawn and garden, marine, motorcycle, and sports equipment.

For more information, call Ext. 4034.

Farmer's Market Vendors Wanted

BERA is looking for new vendors to participate in this year's Farmer's Market at BNL, held every Wednesday, mid-May to mid-November, 11:30 a.m.-1:30 p.m. Vendors must pay a \$10 registration fee and have a certificate of insurance. If you know someone who would be interested, call Joanne Rula, Ext. 8481.