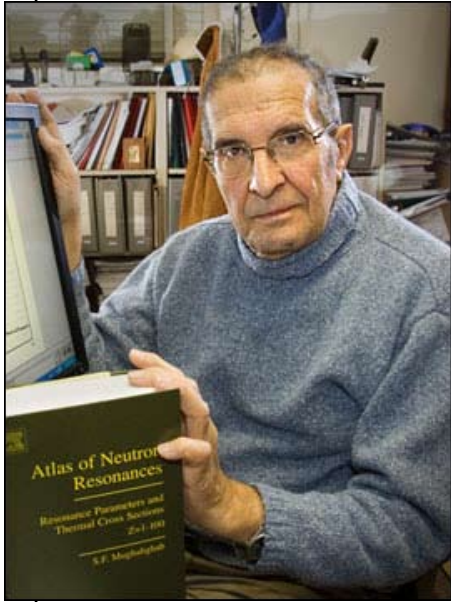


Said Mughabghab Named Senior Physicist Emeritus



The Energy Sciences & Technology Department's Said Mughabghab has been named Senior Physicist Emeritus. Known as the world's foremost expert on neutron resonances, Mughabghab spent his entire career, starting in 1963, at BNL, making substantial contributions to the National Nuclear Data Center (NNDC) and to nuclear physics.

"It's a great honor to be given this title and recognition," Mughabghab said. "I hope to continue to contribute to my field for a long time to come." Although Mughabghab officially retired in 2000, he still works full-time on neutron data evaluation for the NNDC. With his new Emeritus title, he will retain many of the rights, privileges and obligations of active employees.

Managed by BNL, the NNDC is a worldwide resource for nuclear physics

data. Scientists working for the NNDC, collect, evaluate and disseminate such data for basic nuclear physics research and for applied nuclear technologies."

Collecting data from experimenters around the world who work at nuclear research reactors and neutron-producing accelerators, such as Oak Ridge National Laboratory's Electron Linear Accelerator, Mughabghab determines "best" values for neutron resonance parameters and neutron cross-sections. A neutron resonance is an excited state in the compound nucleus resulting from the interaction of an incident neutron with the target nucleus. A neutron cross-section refers to the related probability of the interaction of the incident neutron with the nucleus.

Mughabghab's compilation of resonance parameters and thermal cross-sections, was first published in 1966, with the latest edition, the *Atlas of Neutron Resonances*, published in 2006 by Elsevier. The first edition, authored by Donald J. Hughes and John A. Harvey, was published in 1955 as a BNL report, BNL-325. These publications have become the world's standard reference for neutron resonances and related quantities.

The latest publication was compiled and completed during Mughabghab's retirement, and he is currently working on another updated edition, as well as neutron data important to astrophysics and nuclear modeling. Mughabghab's data is of crucial importance to DOE's Global Nuclear Energy Partnership, an initiative to enable worldwide increase in the use of safe, economical energy without contributing to the spread of nuclear weapons capabilities and in a manner that addresses the responsible disposal of nuclear waste.

Mughabghab earned a B.S. and M.S., both in physics, from the American University in Beirut, Lebanon, in 1956 and 1959, respectively, and a Ph.D. in physics from the University of Pennsylvania in 1964. He joined BNL in 1963 as a research associate to perform neutron research at the Brookhaven Graphite Research Reactor, work that he later continued at the High Flux Beam Reactor with Robert Chrien, now retired from the Physics Department. He started compiling and evaluating neutron data for the NNDC in 1964. Mughabghab became a senior physicist in 1976.

From 1987 to 1993, Mughabghab worked with James Powell, then head of BNL's Reactor Systems Division, on the Space Nuclear Thermal Propulsion program managed by the U.S. Air Force's Phillips Laboratory. BNL's role in the program was to determine the feasibility of using a small reactor for nuclear-rocket propulsion for possible future missions to Mars.

From 1994 to 1996, Mughabghab carried out macroscopic traffic modeling of the Long Island Expressway to predict congestion under certain traffic-flow conditions. During this time, he also participated in neutron-related research at the Alternating Gradient Synchrotron, and, from 1996 to 2000, he returned to studies of nuclear resonances, with his work being published in major publications, such as *Physical Review Letters*.

— Diane Greenberg

Jefferson Lab's Technology Saves Energy, Money in Cooling RHIC



At the Relativistic Heavy Ion Collider's cryogenic plant are Roberto Than (bottom, far right) and Joseph Tuozzolo, Chief Mechanical Engineer (bottom, second from left) and their team: (from left, bottom) Kenneth Riker Jr., Warren Hirzel, Leonard Masi Jr., Gary Polonski, Mark Sardzinski, Patrick Talty, Thomas Talerico, David Derryberry, Daniel Martin, (top, from left) Frank Cullen, Andy Warkentien, Dewey Lederle, William Themann, Thomas Wozniak and Willem DeJong.

A process invented by DOE's Thomas Jefferson National Accelerator Facility (Jefferson Lab) engineers has been saving BNL approximately \$50,000 per week in electric costs for running the Relativistic Heavy Ion Collider (RHIC). All told, because of using this technology, called the "Ganni Cycle," as part of a three-phase upgrade to the RHIC cryogenic system, the electricity needed to operate the system has dropped from 9.2 megawatts (MW) in 2002 to 5 MW currently, saving the Lab as much as \$1.5 million per year during a typical 30-week annual operating schedule for RHIC.

"The Jefferson Lab technology saves energy and was inexpensive to implement," said Roberto Than, head of cryogenics for the Collider-Accelerator Department. "We programmed the computer system with new control logic and installed some new piping and valves. Because the plant is currently operating so efficiently, it uses fewer compressors. Now we have more spare compressors to use as backups. This means we can maintain cooling and ensure the system's high availability. This also reduces maintenance costs, so we are saving on every level."

RHIC's cryogenic plant — the largest in the world — cools the collider's 1,740 superconducting magnets to minus 456 degrees Fahrenheit (°F), the temperature at which there is no resistance to electricity. The cooling cycle begins by compressing room-temperature helium to high pressure. This high-pressure helium is then expanded through turbines

to make it progressively colder until the liquid helium temperature of minus 456 °F is reached. This liquid helium is then supplied to the collider ring where it boils off to cool the superconducting magnets. The vapor created is returned to the plant to begin the cycle again.

The final phase of the cryogenic upgrade was completed in 2006, three years after the Ganni Cycle was first implemented. With the help of funding from the DOE Energy Management Program and in consultation with Venkatarao Ganni, the primary inventor of the Ganni Cycle, piping and valves in the cryogenic plant were reconfigured. Also, the method used to send helium flow through the RHIC magnets was modified to eliminate the use of liquid-helium circulating pumps, more efficient heat exchangers were installed, and a seventh turbine was added to the existing six in RHIC's refrigeration system.

These upgrades further reduced the helium flow rate and the compression ratio needed by the refrigerator, thus decreasing electrical power consumption and component wear. The Ganni Cycle had reduced electric power consumption for cooling RHIC from 9.2 MW to 7.2 MW in 2003, and the completion of the upgrade brought about another 2.2 MW reduction.

The Ganni Cycle improved the cryogenic system's reliability, availability, stability, and efficiency. The technology effectively reconfigured the RHIC refrigeration computer-control system to match the amount of helium being compressed

(continued on page 2)

Brookhaven Lab Added Over \$40 Million to the Long Island Economy in 2007

BNL purchased \$40.2 million worth of supplies and services from Long Island businesses in fiscal year (FY) 2007, a period from October 1, 2006 to September 30, 2007.

In addition to Brookhaven's buying goods and services from Long Island vendors, most of the Lab's approximately 2,700 employees live in Suffolk County and shop on Long Island. All told, employee salaries, wages and fringe benefits amounted to \$283.8 million, or 55.6 percent of the Lab's total budget of \$510.2 million in FY2007.

Owned and primarily funded by DOE, BNL creates and operates major facilities available to university, industrial, and government personnel for basic and applied research in the physical, biomedical, and environmental sciences, and energy technologies.

BNL's total procurement budget in

FY2007 was approximately \$181.5 million. Out of that amount, the Lab spent about \$13.8 million on 467 purchases in Nassau County, and \$26.4 million on 2,786 purchases in Suffolk County.

Mary-Faith Healey, manager of BNL's Procurement & Property Management Office, which handles purchasing for the Lab, said, "We try to do business locally whenever we can. The significant amount that the Lab spends on goods and services each year can certainly help to bolster the local economy."

Brookhaven's top three vendors in FY2007 were E.W. Howell Co., Inc., of Woodbury; H.O. Penn Machinery Co. of Holtsville; and Advanced Energy Systems, Inc. of Medford. E.W. Howell received by far the largest amount — over \$10 million — for completing the construction of the

94,500-square-foot Center for Functional Nanomaterials. Begun in 2005, construction of the \$81 million facility, which will enhance scientists' ability to investigate the properties of materials at nanoscale dimensions, was completed in May 2007. It is expected to be fully operating, with all state-of-the-art scientific equipment installed, within the first half of this year.

The Lab purchased a generator and uninterrupted power supply from H.O. Penn Machinery for approximately \$1.59 million to provide power to the IBM Blue Gene supercomputer located on site if the regular supply of electricity is interrupted. Known as New York Blue, the supercomputer is the world's fastest for general users, capable of performing up to 100 trillion calculations per second. The supercomputer is the

centerpiece of the New York Center for Computational Sciences, which fosters research collaborations among research institutions, universities and companies throughout New York State.

The Lab paid the third top vendor in FY2007 — Advanced Energy Systems, Inc. — about \$1.58 million for providing detailed engineering and fabrication support on a superconducting radiofrequency (RF) cavity and a cryomodule for a superconducting RF electron gun that generates a high-power, high-brightness electron beam for use in energy-recovery linear accelerators. BNL's Collider-Accelerator Department is building a prototype of this electron gun to demonstrate that it can efficiently accelerate electrons and recycle energy for use in the eRHIC collider, a planned upgrade to BNL's giant particle accelerator, the Relativistic Heavy Ion Collider. — Diane Greenberg



CALENDAR
OF LABORATORY EVENTS

- The BERA Store in Berkner Hall is open weekdays from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347, or Christine Carter, Ext. 2873.
- Additional information for Hospitality Committee events may be found at the Lollipop House and the laundry in the apartment area.
- The Recreation Building #317 (Rec. Hall) is located in the apartment area.
- Contact names are provided for most events for more information.
- 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, 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 Social & Cultural Club
Noon-1 p.m., Brookhaven Center, South Room, free beginners dance lessons. Rudy Alforque, Ext. 4733, alforque@bnl.gov

Mondays: Pilates
Noon-1 p.m. Rec. Hall. Ext. 5090

Mondays & Wednesdays: Pilates
5:15-6:15 p.m. Rec. Hall. Ext. 5090

Mondays & Thursdays: Kickboxing
\$5 per class. Noon-1 p.m. in the gym. Registration is required. Ext. 8481

Mon., Thurs., & Fri.: Tai Chi
Noon-1 p.m., B'haven Cntr N. Rm. Adam Rusek, Ext. 5830, rusek@bnl.gov

Tuesdays: Hospitality Coffee
10:30 a.m.-noon, Rec. Hall lounge. All welcome. Ext. 5090

Tuesdays: BNL Music Club
Noon, B'haven Center, N. Room. Come hear live music. Joe Vignola, Ext. 3846

Tuesdays: Knitting Class
2 p.m. Rec Hall. All levels of skill. Ext. 5090 for information.

Tuesdays: Toastmasters
1st & 3rd Tuesday of month, 5:30 p.m., Bldg. 463, Rm 160. Guests, visitors welcome. www.bnl.gov/bera/activities/toastmasters/

Tue., Wed. & Thu: Rec Hall Activities
5:30-9:30 p.m. General activities, TV, ping pong, chess, games, socializing. Christine Carter, Ext. 5090.

Tue., Thurs. & Fri.: Ving Tsun Kung Fu
Noon-1 p.m., B'haven Center, North Room. Taught by Master William Moy. Scott Bradley, Ext. 5745, bradley@bnl.gov

Tues. & Thurs.: Jazzercise
Noon, Rec. Hall. Ext. 5090.

Tuesday & Thursday: Aerobic Fitness
5:15 p.m., Rec. Hall. 10 classes for \$40 or \$5 per class. Pat Flood, Ext. 7866, flood@bnl.gov

Tuesday & Thursday: Aqua Aerobics
5:30-6:30 p.m., Pool. Ext. 5090

Wednesdays: On-Site Play Group
10 a.m.-noon. Rec. Hall. Infant/toddler drop-in event. Parents meet while children play. Petra Adams, 821-9238.

Wednesdays: Ballroom Dance Class
B'haven Center, N. Ballroom. Instructor: Giny Rae. Starts September 12 and 19. Ext. 3845.

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

Wednesdays: Yoga
Noon-1 p.m., B'haven Center. Free. Ila Campbell, Ext. 2206, ila@bnl.gov

Thursdays: Reiki Healing Class
Noon-1 p.m., Call for location. Nicole Bernholz, Ext. 2027

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

Fridays: Family Gym Night
5-8 p.m. Family gym activities. Free.

Fridays: BNL Social & Cultural Club
Noon-1 p.m., B'haven Center, South Room, free beginners dance lessons. 7-11:30 p.m. North Ballroom, Dance Social, workshops. Rudy Alforque, Ext. 4733, alforque@bnl.gov

CIGNA Representative

A CIGNA Healthcare representative is available as needed in Human Resources, Bldg. 400, or by phone to assist with claims issues you have been unable to resolve yourself through CIGNA's Customer Service number (1-800-CIGNA24). Mary Beth Kivlen will be available by appointment only. You will need to provide all pertinent documentation. To schedule, call the Benefits Office, Ext. 5126.

Two High-School Seniors Win BNL 'Discovery' Art Prizes



Brittany Melton of William Floyd High School wins a 2007 BNL Discovery Art Prize, presented by Lab Director Sam Aronson. Melton was cited for her pencil sketch, "Transcendence," which, it was judged, successfully embodies the aura of transcendent thought, the aura that surrounds the high endeavor of science as it seeks to reach a level of understanding superior to previous attainments.

Each year, Brookhaven Science Associates (BSA), the company that manages BNL, awards the Discovery Art Prize annually to a local high school senior for artwork that best exhibits the spirit of scientific discovery. The BNL Art Society chooses the prize winners from the artworks exhibited at a show for high school seniors held by the South Bay Art Association (SBAA) each November. Laboratory Director Sam Aronson presented each winner with a certificate and a \$500 savings bond at the BNL Art Society Art & Crafts show held last November in Berkner Hall, where the winning art works were accorded the place of honor.

The two winners of the 2007 Discovery Prize are Brittany Melton of William Floyd High School and Stephanie Sheehan of Longwood High School.

Said Robert Chrien, BNL Art Society President and SBAA Treasurer, "We have become accustomed to the excellent standard in the high school seniors' artworks. Making a choice for a prize winner is a very difficult task, and the art teachers of all the participating students are to be congratulated, especially, this year, Amy Illardo of William Floyd and Melissa Bussenitz of Longwood, the teachers of our winning students. The two works of art we chose this year represent the ideals of science, and therefore are particularly suited to the Discovery Prize."



Lab Director Sam Aronson gives Stephanie Sheehan of Longwood High School a 2007 Discovery Art Prize for her acrylic painting entitled "Voyage." The picture was chosen for capturing the spirit of embarkation on a journey of discovery — the essence of what science and experimentation is about. Sometimes the journey is long and hard, but the result may be surprising and of great importance.

BERA Board Nomination Committee

The BERA Executive Board has appointed a nomination committee of active BERA participants to select a slate of eight candidates to run for the 2008 BERA Board elections scheduled for the last week in March. BNLeers are encouraged to nominate a candidate by contacting one of the committee members listed below before Friday, February 22. Make certain that the person being proposed will agree to accept the nomination if selected by the committee.

Nomination committee members are: Susan Carlsen, carlsen@bnl.gov, Ext. 7647; Jill Clough-Johnston, clough@bnl.gov, Ext. 3173; Kay Conkling, kayc@bnl.gov, Ext. 4501; Ray Dumont, rdumont@bnl.gov, Ext. 4263; Betty Elder, belder@bnl.gov, Ext. 3562; Maureen Fazzio, Fazzio@bnl.gov, Ext. 5179; Elliott Levitt, levitt1@bnl.gov, Ext. 2495; John McCaffrey, mccaffrey@bnl.gov, Ext. 2075; Barbara Moebes, moebes@bnl.gov, Ext. 7159; Andy Seelin, seelin@bnl.gov, Ext. 3024; and Marie Van Buren, vanburen@bnl.gov, Ext. 4727.

Service Anniversaries

The following BNL employees celebrated service anniversaries during November 2007.

- 35 Years —
Carol Creutz.....Chemistry
S. Peter YaminHE&NU
- 30 Years —
Thomas DeSimone.....S&SD
Lee Walcott.....Chemistry
Gerry Bunce.....Physics
- 25 Years —
Frederick Maier.....CFS
Thomas Trojanowski ... Plant Eng.
Pamela Yerry-QueiroloF&Ops.
Frederick WahlertCFS
Anthony KuczewskiNSLS
John Cintorino IIMagnet
Timothy CostanzoCA-D
Maria PacellaIPSR
Judith RomeoBiology
Joann DurhamBudget
- 20 Years —
Donald Pinelli.....Instrum.
James Giacalone.....Plant Eng.
Deborah JohnsonPlant Eng.
Susan Dobzeniecki.....Plant Eng.
Craig SirofPlant Eng.
Rosalie Alongi.....PPM
Luke GrecoS&SD
Gregory Hall.....Chemistry
Thomas Nolan.....C-AD
Joseph Gadbois, Sr.Plant Eng.
Donna Rubino.....Fiscal
David Harder.....NSLS

- 10 Years —
Angelika Drees.....C-AD
Yuri Fisyak.....Physics
Nils Danielson.....C-AD
John Mingoia.....C-AD
Christine Bartow.....S&SD
Joanne Rula.....Staff Services
Lenny CampioneEWMS

Service Anniversaries

The following BNL employees celebrated service anniversaries during December 2007.

- 50 Years —
Leonard NewmanPSP
- 35 Years —
I. Hung ChiangC-AD
- 30 Years —
Jonathan HansonChemistry
Keith Detmer.....Plant Eng.
Michae PaquettePlant Eng.
James OsterlundC-AD
Robert RitterC-AD
Wayne RamboNSLS
Elizabeth SeubertCEGPA
John Warren.....Instrum.
- 25 Years —
Roger LeeC-AD
Peter JohnsonCMPMS
Elliott LevittIAO
- 20 Years —
Robert ToddC-AD
Frank Cullen.....C-AD
Wu Zhang.....C-AD
Paul GeigerBudget
Jacqueline TimkoPhysics
John LechmanskiPlant Eng.
Barrett ClayNSLS
- 10 Years —
Fred BenjaminFiscal
Valeri FinePhysics
Matthew McCall.....BSD

Can you spare a can?
Remember the
BNL Food Drive!

Technology Saves Energy, Money at RHIC (cont'd)

with the heat load from the RHIC magnets.

"The Ganni system increases plant capacity very efficiently when we need it and decreases it when we don't need it, all automatically via computer," Than said.

Than explained that RHIC's cryogenic plant was originally built for ISABELLE, a collider that was to be constructed in the RHIC tunnel but was cancelled in 1983. The plant has three times the cooling capacity necessary for RHIC. Thus,

in order to run efficiently, the plant needed to be operated at a lower capacity. It had 15 MW of compressor power available, but it started operations requiring 9.2 MW of compressor power to cool RHIC. Modifications, such as the Ganni Cycle, made during the three-phase upgrade of the plant have helped to reduce the power required to 5 MW. The Ganni Cycle was particularly helpful in allowing the plant to be tuned up to match RHIC's lower cooling load efficiently. — Diane Greenberg

Meet Nick Weih:
Valentine's Day Gift Started Him Painting



Nick Weih's painting career began almost 15 years ago while searching with his wife for artwork to transform the newly married couple's house into a home. Shocked by the thousand-dollar price tags in galleries, Weih (pronounced "why"), a draftsman for Brookhaven's Collider-Accelerator Department, jokingly told his wife, "Gee, for that kind of money, I'll learn to paint." That Valentine's Day, she took Weih up on the proclamation and bought him a painting kit — followed by a painting lesson, when his first attempts on canvas didn't turn out as planned.

"Just one lesson opened my eyes," said Weih, who studied technical art and graphic design in college. "It showed me what I might be capable of." Six lessons and one three-week teaching workshop later, Weih began leading his own classes on the weekends. But after nine years of painting the same instructional demos for his students, Weih was bored.

"I started to back out of classes and instead, began painting on my own," Weih said. "I found that I started painting totally differently. The style I use now is completely my own."

Using oil paints, Weih is known for portraying realistic landscapes and seascapes — almost all of them based on Long Island, with occasional scenes from upstate New York, Pennsylvania, and tropical destinations.

When a particular scene strikes him, Weih takes photos and paints it later.

"Everyone says if you take a picture, you've got the truth," Weih said. "However, lighting can get lost in the camera. So the most important part is remembering that spark that made me take the picture in the first place."

Weih paints in layers, taking at least several 3 to 4-hour blocks and numerous touch-up sessions to complete each piece. A perfectionist, he lives by Swiss painter Paul Klee's words that "An artist never really finishes his work; he merely abandons it." Since that definitive Valentine's Day years ago, Weih has created an estimated 600 pieces. His favorite painting, which hangs in his bedroom, is an image of a Stony Brook island at sunset. It is not for sale.

A familiar entry in the annual BNL Art & Crafts Show, Weih's work also has appeared in nine Long Island art galleries and numerous outdoor shows.

"It seems as if everyone wants to do abstract art or make political statements, but I like to see the real world," Weih said. "We live in a beautiful place on Long Island, surrounded by water, beaches, boats, and filled with different seasons. I want to put it on canvas to share with everyone else. I like to take the ordinary and make it extraordinary."

To check out some of Weih's work, go to www.aviewoncanvas.com/. — Kendra Snyder

TIAA-CREF One-on-One Retirement Counseling

A TIAA-CREF consultant will visit BNL on Monday and Wednesday, February 11 and 13, to answer employees' questions about their financial matters. The consultant will help you: understand the importance of protecting your assets against inflation, find the right allocation mix, learn about TIAA-CREF retirement income flexibility, and compare lifetime income vs. cash withdrawal options. For an appointment, call Suzanne Leone, (866) 842-2053, Ext. 4601.

Want Help With Your Concerns? Try the BAC

Have you exhausted all avenues to get your concerns heard? Did you know that BNL has a diverse group of employees who are ready to listen? Why not seek the assistance of the Brookhaven Advocacy Council (BAC)?

The BAC is a key component of the Lab's system of justice. The members advise and make recommendations to the Lab Director on resolving employee/guest/user concerns or issues that are brought to the BAC's attention. The BAC has the authority to receive and respond to these concerns or issues, analyze and research data, and propose resolutions. Members have access to all pertinent, uncensored information, within BNL's guidelines regarding confidentiality, to assist them in resolving these concerns or issues. The BAC functions independently of the Human Resources and Occupational Medicine Division, reporting directly to the Lab Director. For more information about the Brookhaven Advocacy Council, including its mission and confidentiality guidelines, visit www.bnl.gov/bac.



Roger Stoutenburgh D0731207

BAC members, who stand ready to assist Lab employees at any time, are: (from left) Fred Horn, Safety & Health, Ext. 3451; BAC Chair Gretchen Cisso, National Synchrotron Light Source (NSLS), Ext. 4703; John Reddy, Information Technology (IT), Ext. 3284; BAC Secretary Kristina Duryea, Biology, Ext. 7850; Susan Wong, IT, Ext. 7988; Al Borrelli, NSLS, Ext. 7749; Outreach Coordinator Barbara Blenn, Community, Education, Government, & Public Affairs, Ext. 4458; Ripp Bowman, Collider-Accelerator Department, Ext. 4672; Debra Pettit, Environmental & Waste Management Services, Ext. 3906; Co-Chair Angela Melocoton, Nuclear & Particle Physics; Ext. 5322; and Betty Elder, Business Systems, Ext. 3562.

Classified Advertisements

Motor Vehicles

- 03 HYUNDAI TIBURON - sports pkg., red, mint cond., 6-spd man, trans., fully loaded. 30K mi. \$8,000. 929-0961.
- 00 FOREST RIVER CHEROKEE 275B - 5th wheel mid sz, orig owners, excel. cond. in/out, bunks sleeps 8, all options, hitch weight 920lb \$9,950. 929-8294.
- 99 PONTIAC GRAND AM - a/c, p/s, c/c, a/l, red, recently tuned, inspected and repaired, car is gd. to go. 133 mi. \$2,200/neg. 286-8356.
- 99 ISUZU RODEO - grn, 4wd, 6cyl, a/t, a/c, cass/cd, c/c, p/l, p/w, 1 ownr, dlr maint, abs needs wrk, excel cond. 117K mi. \$4,500/neg. Ext. 3492 or 734-2593.
- 99 DODGE PICKP - xtra cab, V-10 Viper mtr, all pwr, sprt pkg, Am. racng whls, new shcks, tres, posi trac, lthr int. 100K mi. \$10,500/neg. 516-383-0060.
- 98 CHEVY MONTE CARLO Z34 - 6 cyl. 2 dr, a/t, cd, am/fm, p/s, p/w, p/l, p/b, new tires/brakes. 87K mi. \$3,500/neg. 929-4978.
- 98 HONDA CIVIC - 4 dr., a/c, a/t, excel. running cond., great fuel efficiency. 130K mi. \$2,800. 404-6879.
- 97 CHEVY ASTRO VAN - 8 pass, 6 cyl., great cond. v/reliable, needs nothing. 132K mi. \$2,700/neg. Edward, Ext. 7160 or 878 -3245.
- 96 HONDA CIVIC EX - a/t, p/s, a/c, am/fm, cass, gd. cond., rem. start, sec. alarm, abs, 4 dr., m/roof. 177K mi. \$3,200/neg. Ext. 2389.
- 94 SUZUKI INTRUDER - 805cc, black, chopper style, runs well, tires gd, saddle bags, tools. 14K mi. \$1,500. 767-1392.
- 90 GMC SUBURBAN - 4x4, a/c, p/w, new tranny, runs excel., cd, great for towing and beach. \$4,000/neg. Michael, Ext. 8410 or 457-3102.
- 23 FORD T-BUCKET - 350sb, purple, needs new crome work, 4K mi. \$10,000/neg. Peter, Ext. 8302.

Furnishings & Appliances

- BOOKCASES - 2, light wood w/dark gray shelves, pic. avail., mint cond. \$100. mb@bnl.gov. Maryellen, Ext. 3670.
- ELECTRIC STOVE - Hotpoint, 30" w stove, gd. cond., \$125. Leo, 728-0992.
- ENTERTAINMENT CABINET - \$90, couch, loveseat+chair, \$500, call for pics. 909-1498.
- LOVE SEAT & CHAIR - mauve/green, \$300; wing chair, gold/beige tweed, \$55; lava lamp, \$15; sewing access. table, wood, \$25. Ext. 7647.
- SOFA BED - new, used once, sandstone, perfect shape, pd/\$900, ask/ \$450. Ken, Ext. 3124.
- WALL UNIT - 3 pc washed oak, 76" h x 82" w total, glass drs, lights, cd/TV storage, pics, \$175/obo. Ext. 3492 or 734-2593.

Audio, Video & Computers

- COLOR PRINTER - Portable, Canon BJC-85, w/ software and cable, excel. cond. \$200. Ext. 3217.
- GITAR-FENDER STRATOCASTER - '02 American-made, tobacco sunburst, maple neck and fingerboard, hard shell case, immaculate, \$700. 828-4106.
- HD DVD - new movie title, 300, \$10. Ext. 5322.
- SLIDE SCANNING SERVICE - www.pictureperfectscans.com scans slides, prints, negs, deliv. on DVD, 928-6469.
- SPORTS, HOBBIES & PETS
- BABY'S BIKE SEAT - Topeak, excel. cond., u pick up. Ext. 5195.
- CANOE - 12' Oldtown Stillwater, excel. cond. \$400; 10' Alum. Pram, \$50; 2 aum-mit tree stands, \$100/ea. 727-0911.
- WEIGHT SET - bench, pole, ask/\$70/neg, free wgts. Don, Ext. 2253 or 821-3320.

Tools, House & Garden

- AIR COMPRESSOR - Sears Craftsman, 60 gal. vert, 6hp, 208 volt single phase, like new, \$225. James, Ext. 4026 or 872-8966.
- SCROLL SAW - Craftsman 16, 5-6 yrs. old but rarely used, excel. working cond., 1/9HP, Model 216100, \$50. Ext. 5664.
- MISCELLANEOUS
- BROADWAY TICKETS - 2 tickets, August: Osage County, grt comedy, Imperial Theatre, Sat., 3/1, 8pm, \$150. Gerry, Ext. 5233.
- GIRL CLOTHES - 3T-4T, all seasons; pink push buggy, \$20; diamond back bike, \$70, tricycle, \$15; infant car seat, \$20; pic. avail., mb@bnl.gov. Maryellen, Ext. 3670.
- HAMPTON INN POOL & EXERCISE - 1 yr. full membership for 1 person, 1/2 price for 2nd person, incl., pool & exercise equip., b/o. Yvette, Ext. 5591.
- MEDICAL EQUIPMENT - shower chair, white; shower bench, grey; wheel chair, black; reasonable b/o. Ext. 4340.
- MIKASA CHINA - beautiful, white w/platinum edging, 11 sets/\$30/ea. or \$330/all. Pic. avail. mb@bnl. Maryellen, Ext. 3670.
- SINGING LESSONS - all ages improve your technique or just have fun! professional classical teacher, many yrs. experience, progress guaranteed. 801-2666.
- TICKETS - 2 concert tickets for Emerson String Quartet at Staller Ctr., SBU, 4/17, \$38/ea. 632-1714/331-1432/eve.
- WATCH BATTERIES - replaced in-stock batteries; drop off @ lunch, pick up next day @ lunch, \$5. Feb special/not lithium. 513-9106.

Free

- BABY/TODDLER/CHILD ITEMS - lite, dble stroller, high chair, 2 tricycles, kiddie roller coaster, 2 girls bikes, gd. shape. Jessie, Ext. 6135.

Eric Forsyth Sails to Antarctica: Film, 3/4

The Brookhaven Retired Employees Association will sponsor the premiere of Eric Forsyth's one-hour film about his sailing trip from Long Island to Antarctica aboard his 42-foot yacht, *Fiona*. The film will be shown on Tuesday, March 4, at noon in Berkner Hall. Forsyth (shown at right at Greenwich Island, Antarctica) is a retired electrical engineer from BNL. He will be on hand to comment on the film and answer questions from the audience. The event is free and open to the public. All visitors to the Lab age 16 and over must bring a photo ID.



Cafeteria Valentine Celebration, 2/14 Plus 'Hot off the Grill' Special

If you like fresh fruit chocolate fondue — free! — take lunch at the BNL Cafeteria on Thursday, February 14, Valentine's Day, when Chris Nicolesis, Nayyarsons Food Service chef, will prepare and serve a fondue for you to enjoy. And complimentary carnations will be offered to the Valentine ladies who drop by. Also, in addition to the regular menu, the Cafeteria's new Wednesdays and Thursdays "Hot off the Grill" specials will be available. A choice of eight specials can be made to your order at the grill. Each order includes shoe-string French fries or waffle spicy fries, and a 16 oz. fountain soda, for \$6.50 plus tax.

In Memoriam

- Ruth Francois, who started in the Physics Department as a scanner III trainee on September 19, 1966, and retired as a scanner on June 30, 1983, died on March 30, 2006. She was 80.
- Joseph Fortugno, who became a Plant Engineering Division custodian on April 5, 1976, died on May 19, 2006, at the age of 82. He retired from the Staff Services Division on October 6, 1981.
- Caroline Ferris, who joined the Biology Department as a research lab assistant IV on October 19, 1960, and retired as a senior research services assistant on December 15, 1995, died on May 26, 2006. She was 87.
- James Klein, who became a Research Area Division technician C on June 14, 1948, and retired from the Department of Nuclear Energy as a senior technical supervisor on July 31, 1985, died at age 85 on October 26, 2006.

(cont'd)

- CATS - 2 males, 1 blk, 1 striped, 10 mo. old, shots, neutered, house trained, need home. Barbara, 928-8112.
- PACKAGING MATERIALS - Boxes, eg. tea/chest/sz, wrapping for delicate items, gd. for self movers. Andy, Ext. 7103.
- TOYS - used, action figures, pwr. rang-ers, games, books, donation centers not taking toys now. Ext. 5753 or 924-6395.
- Wanted
- 35MM FILM SLR CAMERA - Will purchase, needed ASAP, in working order, for child's school project. Andy, Ext. 7103.
- Lost & Found
- LOST: Victorinox watch, on site. Ext. 5701.
- SILVER 2G MEMORY STICK - found evening of Jan. 29th outside gym, someone named Brown. Ext. 7870.

For Rent

- CENTER MORICHES - Wtrfront, 85', bulk-head, 2 bdrm. house, 2 car gar., .5 acre, no pets, credit check, util. incl. \$1,800/mo. 487-4201.
- CENTER MORICHES - lg, bdrm. apt., lg, kit. l/r area, full bath, 20 min. to lab, near all sep. cottage, lg. yd. on creek, quiet. \$1,000/mo. 878-1178.
- JUNO BEACH, FL - furn. condo in beaut loc., steps to ocean beach, grd. flr. handicap access, 2 bdrm., 2 bath, nr shaded lake walk, child park \$2,400/mo./neg. Ext. 3297.
- MANOR PARK/MASTIC - 3 bdrm., full bsmt, fully renov., kit/bath, hrdwd. flrs. new roof/siding/gar., fenced, .5 acre, 5 min to Lab. \$1,900/mo. Billy Glennerster, Ext. 4660.
- MEDFORD - 1 or 2 bdrm, grd. flr. apt, pvt ent., 15x10 bdrm, 20x25, l/r, eik, new appli., full bath, cable, int. sep., elect meter, \$1400/2 bdrm., furn. opt. \$1,000/mo. 730-8866.
- MEDFORD - 2 bdrm, kit. full bath, lg. l/r, sep. ent., until incl., no smkg/pet, 1 mo. sec. \$1,300/mo./neg. 764-1481.
- MIDDLE ISLAND - 2 bdrm. apt, 10 min to BNL, pvt. ent. to 2nd flr. w/patio, heat/gas incl. laundry/gym in complex, Resvd prkg. sp, avail 3/15. \$1,200/mo./neg. 924-4769.
- NORTH BELLMORE - sunny 1 bdrm. apt., priv ent, eik, l/r, all util, no smkg/pets, avail 2/16 \$975/mo. Ext. 2493 or 516-448-2442.
- PORT JEFF STATION - mint 3br, 1fb, beaut new eik, lg. l/r, priv. ent/ prkg, incl. all util. \$1,850/mo. Brian, 484-7493.
- PORT JEFF STATION - priv. cottage flat, l/r, bdrm., kit., bath., gar., bkdyd., util.s not incl., avail. now. \$750/mo. Ext. 7709.
- PORT JEFFERSON - 1/bdrm. apt. in Village, 1 person, no smkg/pets. cute, upstairs, own ent., furn., all incl. \$900/mo. 474-1243.
- ROCKY POINT - 1 bdrm. cottage, wood stove, near beach, no pets, 1 mo. sec., plus util. \$1,100/mo. 744-5282.
- ROCKY POINT - 1st flr apt. 1 bdrm 1 bath, l/r, d/r, eik w/dw attic space. w/d, a/c. priv. yd. & deck. part furn. avail. now. no smkg/pets, + util. \$1,100/mo. 849-3061.

- ROCKY POINT - 2 bdrm, 1 bath, house, w/d, d/w, OHW heat, nr beach, new paint/windows/ carpets, call for pics., 15 min to Lab. \$1,450/mo. Peter, Ext. 4028 or 897-6283.
 - SHIRLEY - huge rm. in home, share bath/kit., priv. ent., all util. incl., close to Lab, non-smkg. preferred, immed. occup. \$150/wk./neg. Tina, 729-3709.
 - SHOREHAM - Brand new legal 1 bdrm. apt., 1st flr., fully indep., drwy, bath, kit., l/r, closets, attic, cac, cbl., no smokg/pets, 8 mi. to BNL, all incl. \$1,300/mo. 833-8374.
 - SHOREHAM - Share a house w/ professional, part furn. bdrms., 7 mi. to BNL, int/ tv incl., no smkg/pets, single pref. \$625/mo. 413-1966.
 - SOUND BEACH - 1 bdrm. bsmt. apt., pvt. ent., new carpet/tiles, full bath, kit., approx. 9 mi. to Lab. \$900/mo./neg. Randy, 748-3693.
 - WADING RIVER - 4 bdrm, 2 bath, house, full bsmt, w/d, w/w, priv. beach, SWRS, v quiet, 15 min. to Lab, rent/length of stay neg. \$2,000/mo. John, Ext. 4028 or 821-5334.
- Houses for sale have been omitted for lack of space. To obtain the list, contact Liz Seubert, lseubert@bnl.gov or 344-2346.

Adult Swimming Classes Start, 3/5

On Wednesdays, March 5 to April 23, eight weeks of adult swimming classes will be offered at the BNL pool, 5:30-6:30 p.m., open to all employees, Lab visitors and guests, facility users, retirees, and their immediate family members who are at least 17 years of age. American Red Cross certificates will be awarded to those adults who qualify. The cost of the course is \$80 per person, which includes the charge for pool entry and instruction. No make-up classes will be given. To register, mail your name, BNL Life or Guest number, Lab Bldg., and Lab and home phone numbers, with a check for \$80 payable to BERA, to the Recreation Office, Bldg. 400, by February 22. For more information, call Lifeguard Sue Dwyer, 344-3496 (10 a.m.-2 p.m. or 4:30-8:30 p.m.), or the Recreation Office, 344-2873.

CALENDAR — WEEK OF 2/11 —

Tuesday, 2/12

BSA Noon Recital: Opera Scenes

Noon. Berkner Hall. Stony Brook Opera. All are welcome to this free recital, sponsored by BSA. Visitors to the Lab of 16 and older must carry a photo ID.

— WEEK OF 2/18 —

Monday, 2/18

Presidents' Day, Lab Will Be Closed

The Lab will be closed in honor of Presidents' Day. No Bulletin will be printed this week.

Tuesday, 2/19

Elder Law Talk: Medicaid Eligibility

Noon-1 p.m. Berkner Hall, Room B. The Lab community is invited to this free lecture by Nancy Burner, Elder Law Attorney from Burner, Cherches & Smith law firm. Contact Michael Thorn, mthorn@bnl.gov or Ext. 8612.

Wednesday, 2/20

433rd Brookhaven Lecture

4 p.m. Berkner Hall. Jason Graetz, Energy Sciences & Technology Department, will give the 433rd Brookhaven Lecture, on new approaches to hydrogen storage. All are welcome to this free talk, open to the public.

— WEEK OF 2/25 —

Monday, 2/25

Health Talk: MRSA Infection

Noon. Berkner Hall. Humayun Chaudhry, Suffolk County Health Services, will talk on "MRSA, Fact & Fiction." Methicillin-resistant *Staphylococcus aureus* (MRSA) causes infections resistant to commonly used antibiotics. The Lab community is welcome to this free talk, sponsored by BNL's Health Promotion Program. Register with host Michael Thorn, mthorn@bnl.gov, Ext. 8612.

Thursday, 2/28

Goldhaber Fellow Symposium

1:30 p.m. Hamilton Seminar Room, Bldg. 555. All are invited.

Sunday, 3/2

Bus to International Art Expo, NYC

9:30 a.m. Bus leaves B'haven Center for the International Art Expo at Javits Center. Tickets, \$20/person, are at the BERA Store. Depart NYC at 5 p.m.

— WEEK OF 3/3 —

Tuesday, 3/4

*Forsyth Film on Trip to Antarctica

Noon. Berkner Hall. Eric Forsyth film. All are welcome. See above.

Sunday, 3/9

Philadelphia Flower Show Trip

6 a.m. B'haven Center. Coach departs for Philly Flower Show. Sponsored by BERA, the trip costs \$30, which includes entry, transportation. Coach will leave for BNL at 5 p.m. Nearby is also the covered Terminal Market (farm food, breads, books, gadgets, gifts), or go see the Liberty Bell; etc. Tickets are available at BERA Store.

— WEEK OF 3/10 —

Wednesday, 3/12

BSA Distinguished Lecture

4 p.m. Berkner Hall. Thomas Lovejoy, Heinz Center for Science, Economics, & the Environment, will speak on "Climate Change: Prospects for Nature." All are welcome to this free talk, open to the public.

Arrivals & Departures

— Arrivals —

Patrice Greenwood..... NSLS II

— Departures —

William Garber..... CMP&MS

Wonho Lee..... Medical

Bonnie McGahernN&NS

Irina PomestchenkoChemistry

Joseph Skelly C-AD

Joyce Vail..... HR/OM

Classified Advertisements

Placement Notices

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

LABORATORY RECRUITMENT - Opportunities for Laboratory Employees

SENIOR ADMINISTRATIVE SECRETARY (A-3, reposting) - Requires formal secretarial training, or equivalent, plus at least 6 years' related secretarial experience that includes at least two years of experience at BNL in a similar role. Must be highly competent in secretarial skills and MS office products, including Word, Excel, PowerPoint, and Outlook. Full knowledge of the PeopleSoft travel system and BNL Web Requisition System is also required. Must also be able to work independently and under pressure, handle non-routine office matters and perform multiple tasks. Knowledge of Laboratory practices, policies and procedures is desired. Responsibilities include both routine and non-routine administrative assignments which include, but are not limited to: preparing reports and correspondence; coordinating and scheduling appointments and meetings, including recording and distributing minutes; travel; maintaining supplies, procurement requisitions, repairs/maintenance. Will work primarily with the Environmental Compliance Section. Environmental & Waste Management Division. Send resume to tmorton@bnl.gov, referring to Position No. TM 4632.

Mail Clerk (Backfill) - Under immediate supervision processes, picks up and delivers incoming, outgoing and intra-Laboratory mail. Training required. Staff Services Division. Send transfer form to Diana Hubert, Bldg. 400B.

OPEN RECRUITMENT - Opportunities for Lab employees and outside candidates.

POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. in chemistry or a related field. Experience in the following areas is desirable: preparation and characterization of transition metal complexes and organometallic compounds, manipulation of air-sensitive complexes, excited-state photophysics and photochemistry, electrochemistry, mechanistic and kinetic studies in solution, time-resolved spectroscopy, and techniques for characterization (UV-vis, FTIR, NMR, GC, ESMS, stopped-flow, X-ray diffraction, XANES/EXAFS). A strong background in physical inorganic chemistry is also a plus. Work involves photocatalytic generation of NADH-like carbon-based hydride donors and/or photochemical CO₂ reduction and H₂ generation. Under the direction of E. Fujita, Chemistry Department. Send CV to felicia@bnl.gov, referring to Position No. FH 4918.

POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. in nuclear or high-energy physics, experience in lattice gauge theory and extensive experience in high-performance computing, numerical algorithms, and the creation and maintenance of large software systems. Position is with the High Energy Theory Group in conjunction with the SciDAC (Scientific Discovery through Advanced Computing) Program of the Department of Energy. Will involve a combination of direct research in lattice gauge theory, the development and testing of new algorithms, and software support for the community of users of the Teraflops-scale parallel computers at Columbia University and BNL. Under the direction of M. Creutz and F. Karsch, Physics Department. To apply, send CV with a list of publications and three letters or recommendation to: High Energy Theory Group, SciDAC Position, Physics Department, Building 510A, Brookhaven National Laboratory, Upton, NY 11973-5000, or email to: aaoponte@bnl.gov, referring to Position No. FH 4788.

POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. in molecular biology and a background in bioinformatics, as well as knowledge of the plant model system. Experience with Arabidopsis is a plus. Laboratory experience in growing Arabidopsis plant in the morphological level, radiolabeling stem cells, and preclinical testing of stem cell distribution in rodents desired. Will evaluate the epigenetic response of plants and what is likely to occur in response to the elevated atmospheric temperature and CO₂ level, as well as use a plant model organism and grow Arabidopsis thaliana plants under the normal or elevated temperatures or carbon dioxide levels. Employment is contingent upon the successful completion of a background check by

the Drug Enforcement Agency. Under the direction of Q. Liu, Medical Department. Send CV to felicia@bnl.gov, referring to Position No. FH 5007.

PROJECT PLANNING ADMINISTRATOR (A-9, ERAP eligible) - Requires bachelor's degree in a related discipline; 15 years of professional cost/scheduling experience with 5 years of Primavera experience; formal EVMS training and procedure writing; working knowledge of Earned Value Management System processes and requirements; proficiency in using scheduling software; scheduling theory, techniques and methodologies; project management principles; risk management; cost processing software (Cobra preferred); Microsoft Office Suite and Project; solid analytical and reasoning skills and proven ability to develop solutions to complex problems; strong interpersonal, communication and resource management skills. Preferred requirements include master's degree; previous staff supervisory experience; demonstrated experience in implementing risk management activities and Monte Carlo analysis on large construction projects and experience in a DOE project environment. Will supervise the day-to-day implementation of cost and schedule project control functions for a large engineering/construction project Reports directly to the Project Controls Manager. National Synchrotron Light Source II. Send resume to nsls2jobs@bnl.gov referring to Position No. DL 5015.

TECHNOLOGY ARCHITECT (I-9) - Requires a BS in physics, computer science or equivalent experience, a master's degree is highly desirable, and a minimum of ten (10) years experience in control system applications for accelerator physics. Requires experience in modeling techniques, design and development of tables and tools for relational databases, and control applications as they are applied to accelerators. Knowledge of modeling codes used in accelerator physics such as Matlab Middle Layer Toolkit, XAL, MAD, or Elegant is also required. Must have experience with modeling codes, tools for system configuration, and SQL programming. This position requires superior analytical and problem-solving skills and considerable experience functioning in a lead developer role. Strong communication skills and the ability to work effectively with a diverse group of scientists and engineers are critical. Responsibilities include working on a team to provide the design and development efforts of high level applications and relational database tools for NSLS-II throughout all phases of the project; the development of an API to support multiple modeling codes, support the installation and operation of physics applications; developing and acquiring tools for lattice management; and participation in the development of the tools required for utilizing the database

BNL Blood Drive, Thursday, 2/14 Give Love, Life, Laughter

Blood is needed every three seconds in the U.S.—for accident victims, cancer patients, hemophiliacs and surgery patients.

Last December, during a one-day blood drive at BNL, 147 generous donors gave blood. In December 2006, 136 pints were donated. The extra 11 pints in 2007 saved up to 33 more people, since each pint may be split three ways to be used in different medical circumstances. Just one more pint — could it be from you? — could give three more people another laugh, another hug, another chance.

If you are from 16 to 75 years of age, in good health & weighing over 110 lbs., please make a reservation to give blood at the Brookhaven Center on Thursday, February 14, 9:30 a.m.– 3 p.m. Restrictions may apply to individuals from the United Kingdom and Europe. The actual blood donation usually takes less than 10 minutes. The entire process, from when you sign in to the time you leave, takes about 45 minutes. Reassuring facts: giving blood will not decrease your strength, and you cannot get any infectious disease by donating blood.

To make an appointment, log on to the Human Resources webpage, click on “Blood Drive,” and select “Schedule an Appointment,” or contact Liz Gilbert, Ext. 2315.

OKHAVEN AL LABORATORY

Joseph Rubino DD410904

for data entry, report generation, and data extraction required to for modeling support. Reports to the Controls Systems Group Leader, NSLS-II Project. National Synchrotron Light Source II. Send resume to nsls2jobs@bnl.gov referring to Position No. PE 5016.

TECHNOLOGY ENGINEER (I-6) - Requires a bachelor's degree or equivalent experience, preferably in computer science or related discipline, and 3+ years of relevant experience. Experi-

ence in the administration of Linux and Solaris systems is required; experience in Java and distributed systems is a plus. This position involves application level administration and support of a large scale storage management deployment. Responsibilities will include deployment, configuration management, user support and troubleshooting. RACF/Physics Department. Send resume to morales@bnl.gov referring to Position No. RM 4899.

Valentine's Day Notes

D, D-esse - Vos soirées sont du vin grand cru, mis en bouteille au château, année superbe. Merci. Vos “eventails” du Fr. Grpel

DJ - Your love is like the wind, it fills my sails thru life, Love, Joseph

To my new Beautiful wife - Roses are red, Violets are blue, my only wish, To spend my life with you

Weebol - 16 years, 13 cats, 2 ground hogs & 1 possum later, wouldn't trade away one minute! Love - RT

You are very special to me. Happy Valentine's Day! Love You

I Love You right down to your Bones, just how you like chicken wings. Yup! your soulmate

To my one and only Valentine - To my Beautiful and Loving wife and friend, Love, Stevie

Babe - it's been quite a year, o.k. 8 months. TY for your love and genuine kindness. Love u back. BP

Happy Valentine's Day - (daddy, Happy Valentine's Day (honey) we LOVE YOU, Lyn, Cherelle, Nia, Amberlyn.

GR8GAL - Our 14th one on the 14th — thank you for every wonderful day! 2heartsRBT1

Babe - nothing better than sea breezes, sunny days and you. Always, your Babe.

PPYNE - Thank you for just being you. Remember, I'm always on your side. Love Always - Me

Sweetie, 3 crazy dogs, 3 singing birds & 2 special people in a house full of love. Life is great

You are my one and only love. Your Man Tarzan - XOSXOSXOSXOS

Always and forever, Jane

Baby - You and me — we're so cute together. Love, your baby

To snookie-wumpins - I hope you have a smooshy-wooshy, schmack-a-lacka Valentine's Day. Love, ZIM

Our first Valentine's as husband and wife - all my love on this special day, 1/20/08

JUN - There are NO DISCREPANCIES you are the BEST HUSBAND there is. Happy Valentine's Day. Love, SHA.

Sara - Thanks for 34 incredible years! Love, Bill

Jamaica Joe & Mom – LIFESGR8 sailing thru Life with U both! It's all good mon - 110%!! Love ya, DJ

TO LITTLE ONE - You left a big hole in my heart. I loved your gentle spirit and the way you made me feel. Much luv. Daddy

BB - of all the fish in the ocean, I'm glad I hooked you. I know a great catch when I see it! Love, EAP

Happy Valentine's Day, Love - Happy Anniversary too, 17 great years, and so many more to share! Jessie

To My Pork Chop & BB - You have been there for good and bad times for me. I just wanted to say “Thank You.” I love you! Happy Valentine's Day! Love Always, Your Chicken Cutlet & BB xxoo

My PPH - You are my world. Thanks for all you do. Could not do it without you by my side! Your Bun XO

It's common knowledge that BNL is an acronym for Buzz ‘n Linda. Linda, I am richly blessed

When you take your final breath, your last thought will be: Whom did I love, and who loved me?

Doris - After 38 years, you remain the most important person in my life. Happy Anniversary! LUV, Frank

Dear You - I miss you, need you, want you and Love You. Me

NL - After 10+ years of marriage you are still the only Valentine for me! Love, BL.

Green Eyes, The feeling is like when we first met. Hit me with an arrow anytime Baby. Wanna Dance?

Dear Patrick and Balint, You are my Valentine! Balint, happy name day to you! Love you both, I

HON - Awards and rings are lovely things, but what we've got beats all that by a lot. All my luv - wm

Talkingpants - Every day you bring us laughter, love, affection, protection, wisdom & X@!#*ing ! We love it all ! J9, KSK & Pooky

To my 869 Guy - Who'd a thank you'd put a patch on my heart? But...It is what it is right? 966 baby and I Luv Ya!

To my dear wife, Yu-Huei Chu: Truly love you endlessly Hsiang-Lin Liu

Kel - My sole purpose in life is to make you happy! Homeo

Biedronka - you are my shining star forever. Love, Your Ladybug

Sweetie and Poofie, we love you so much. Thank you for blessing our lives! Love always, Mommy and Daddy

Janet - You are wonderful and always will be! Never forget. Mike

JAS - I love sharing “laughing Eyes & simple Ways & quiet Nights & gentle Days with you.” Love, EAS

To the four wonderful girls in my life – I love you all — Peter

Kelly and the Girls (Ok, Tigger too!) - Happy Valentine's Day to the best family a dad could ask for. All my love, Daddy