

Blume Honored by Bose National Centre for Basic Sciences, India

Martin Blume, editor-in-chief of the American Physical Society and former National Synchrotron Light Source Chair (1983-85) and Deputy BNL Director (1984-96), was honored last November by the Satyendra Nath Bose National Centre for Basic Sciences in Calcutta, India.



Martin Blume holds the silver salver presented to him by Sushanta Dattagupta (left), Director of the S.N. Bose National Centre, India.

Blume was invited to deliver the 14th S.N. Bose Memorial Lecture, which he gave on "X-rays, Synchrotron Radiation and the Properties of Matter: A Continuing Revolution," at the Bose Centre on November 24. Blume was presented with a commemorative silver salver, and a tree was planted at the Centre in his name, to add to trees planted in honor of other lecturers, who include Leon Van Hove, C.H. Llewellyn Smith, Sir Sam Edwards, Kazuo Fujikawa, R.A. Mashekar, C.N.R. Rao, and Jayant V. Narlikar.

Said Doon Gibbs, BNL's Interim Associate Laboratory Director (ALD) for Basic Energy Sciences (BES), "Marty Blume has made (continued on page 2)

RHIC Results Make Headlines at Quark Matter 2004

Physicists from the four experimental collaborations collecting data at BNL's Relativistic Heavy Ion Collider (RHIC) presented their latest results and analyses at the Quark Matter 2004 meeting held in Oakland, California, January 11-17. The Quark Matter meeting is an international affair, drawing upwards of 650 physicists to discuss the latest findings on heavy ion physics from facilities around the world.

The RHIC presentations were marked by various pieces of corroborative evidence that collisions of gold ions at the Brook-

haven accelerator are producing an extremely dense, "sticky" form of matter, quite possibly the postulated quark-gluon plasma, which scientists believe last existed a few microseconds after the Big Bang. There was also animated discussion about other intriguing physics results, including the possibility that RHIC experiments have detected the presence of another dense form of matter, known as color glass condensate, in RHIC's gold ions before collisions take place, and possibly, also, an exotic type of particle containing five quarks.

"We have quite a lot of intriguing results, but it may take some time to sort out their significance in relation to the search for quark gluon plasma or other new discoveries," said Sam Aronson, Chair of Brookhaven's Physics Department and a collaborator on RHIC.

Others were not quite so conservative. Stories appearing after the first day of the conference in the *Oakland Tribune* and *The New York Times*, respectively, all but declared that discoveries of quark gluon plasma and color glass condensate had been made. But the

general tenor of the physicists at the conference was less focused on answering such yes or no questions, and more concerned with probing the observed phenomena and understanding the detailed properties of what is being created at RHIC, which all agree behaves as a new form of matter.

For a short description of the RHIC results that generated the most "buzz" in the halls of the Oakland Convention Center, see www.bnl.gov/bnlweb/pubaf/pr/2004/QM2004_sidebar.htm.

— Karen McNulty Walsh

Deborah Johnson Heads New Office: Internal Audit & Oversight

Deborah Johnson has been appointed Director of BNL's Internal Audit and Oversight Office (IA), effective January 1. The new office has been formed as part of the Laboratory's reorganization of its operations structure (See Bulletin, November 7, 2003) to improve efficiency.

Previously, Johnson had been Director of Internal Audit for BNL, and the Independent Oversight Office was part of the Environmental, Safety, Health and Quality Directorate (ESH&Q). The office has 9.5 staff positions, of which 4.5 came from ESH&Q.

As BNL's chief audit executive, Johnson is responsible for directing financial, operational and compliance audits for the Laboratory, which has about 2,800 employees and a total annual budget of about \$445 million. Her office serves as an independent resource for conducting internal audits and studies, coordinating outside audit activities, and providing expert information and guidance on effective internal controls and prudent business practices.

Johnson is responsible for providing assurance and con-



Deborah Johnson

sulting services designed to reduce risk, add value, and improve the Laboratory's operations. As part of her office, Johnson and her team verify the effectiveness and efficiency of self-assessment programs at the Laboratory. Also, Johnson's office will work with a group of Laboratory senior managers to determine the significance of events at BNL that are not in compliance with the Price-Anderson Amendments Act (PAAA).

The PAAA provides indemnification to DOE contractors who manage and operate nuclear (continued on page 2)

Nigeria's Academy of Sciences President Gabriel Ogunmola Comes to BNL

To learn about BNL's research and to discuss developing closer ties between Nigeria and the United States science community, Gabriel Ogunmola, President of the Nigerian Academy of Sciences, visited BNL last November 25.

Ogunmola, who is also Dean of Ibadan University Postgraduate School in Ibadan, Nigeria, had been invited to visit the U.S. as a guest of the U.S. Department of State's International Visitor Program. An initial talk with Laboratory Director Praveen Chaudhari included topics such as program administration of a national laboratory. Ogunmola, whose previous visits to the U.S. included a stay at the University of Pennsylvania as a Rockefeller postdoctoral fellow, has an advisory role in strengthening the development of science in Nigeria, which has

a national laboratory, the Sheda Science Complex in Abuja.

A tour of the Lab followed, beginning at the National Synchrotron Light Source (NSLS), of particular interest to Ogunmola, whose own research in sickle cell anemia has included using x-ray fluorescence to reveal structure function in hemoglobin and hemoproteins. Scientist Chi-Chang Kao gave Ogunmola an overview of work at the NSLS, where x-rays and ultraviolet and infrared light are used for investigations in biology and physics, chemistry, geo- (continued on page 2)



Nigeria's Academy of Sciences President Gabriel Ogunmola (left) and BNL Director Praveen Chaudhari

BNL's Oil Heat Lab Tests New Biofuel as Promising Oil Alternate

The oil burner flares to life with a bright blue and orange flame, illuminating the walls of BNL's Oil Heat Laboratory (OHL).

As Thomas Butcher, head of BNL's Energy Sciences & Technology Department's Energy Resources Division (ERD), C.R. Krishna and other ERD members who run the OHL know, however, this burner is fueled very differently from those typically found in U.S. homes.

Designed initially as a fuel for diesel-powered vehicles, biodiesel, or "biofuel," can also be used as an additive or replacement fuel in a standard oil-fired furnace or boiler. Made from new or used vegetable oils or animal fats, biofuel is nontoxic, biodegradable, and, most importantly, renewable. While organic materials take millions of years to transform into fossil fuels, biofuel feedstocks can be grown in just a few months, and the plants themselves consume

carbon dioxide to counterbalance that produced when the fuels are burned.

But how useful is this new fuel?

To find out, Butcher and his ERD group have joined with researchers at the National Renewable Energy Laboratory (NREL), the New York State Research & Development Authority (NYSERDA), Archer Daniels Midland, an agricultural company based in Decatur, Illinois, and NOCO Energy Corporation, of Buffalo, New York. The research is being funded by



Thomas Butcher (left), Energy Resources Division (ERD), and other members of the ERD "biofuels" research team: (from left) Wai-Lin Litzke, Roger McDonald, Yusuf Celebi, and C.R. Krishna, discuss recent reports. On the table are samples of the biodiesel and biofuel blend products tested recently at BNL as well as a typical oil burner used in residential heating systems. Not in the picture is ERD member George Wei.

DOE's Office of Energy, Efficiency & Renewable Energy, and NYSERDA.

As part of this effort, the BNL team is now studying the practicality of biofuel use in a 100-

home field test in upstate New York, one of several such investigations that are under way across the country.

"One of the early benefits we've identified is that these biofuels burn much more cleanly than fuel oil burns," said Butcher. "This reduces build up of deposits in the boilers, which then require less servicing. This also means that fewer particulates get into our air, so air quality is improved. New York State has a high interest in developing biodiesel fuel since it could be a new en-

ergy resource and also have a positive economic impact on the state's agricultural production."

"When NREL asked us to partner with them on the development of biodiesel fuel, we were happy to expand our research in this area," said Krishna, who is one of BNL's lead researchers on the project. "We have already done research on oil burners and other energy resources, so this project fits in perfectly with our programs."

Spin Off With NPS

In further biofuel research, Butcher and his team are also excited about an upcoming joint project between BNL and the National Park Service (NPS). In a few months, under the direction of Krishna, the Lab will install a biodiesel burner in an NPS facility on Long Island. BNL will manage the program, provide technical assistance, and monitor the burner.

(continued on page 3)

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: Singles Club

5:15 p.m., Brookhaven Center. Contact: Jean, Ext. 4391.

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. Christine Carter, Ext. 2873.

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 Millner, Ext. 3853.

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.

— THIS WEEKEND —

Friday, 1/30

***Get to Know Your Lab - Chemistry**

Noon-1 p.m. Meet in Berkner to tour BNL Chemistry's fast chemistry research. See announcement on page 4.

BWEN Brown Bag Lunch Meeting

Noon-1 p.m., Berkner Hall, Room C. Brookhaven Women Engineers Network. Loralie, Ext. 2425.

Saturday, 1/31

Regional Science Bowl at BNL

8 a.m.-4:30 p.m., Berkner Hall.

— WEEK OF 2/2 —

Tuesday, 2/3

Caring Friends Meet

Noon, Berkner Hall, Room D. An informal support group meets to serve as a resource for individuals experiencing grief and the many emotions following the loss of a loved one. Gatherings are on the first Tuesday of each month. All are welcome. For more information, call Pat Hein, Ext. 3962, or Gerry Van Derlaske, Ext. 3476.

Wednesday, 2/4

PTL Vacuum Inc. Demo

10 a.m.-2 p.m., Berkner Hall. Representatives from PTL Vacuum Inc. will distribute newly-published catalogs for MDC Vacuum products and Leybold Vacuum USA. Bill, 800-622-4098.

College Mini-Semester Students Explore Science at BNL

Twenty-one college students explored environmental science and technology and learned about the cutting-edge research performed at BNL in an intensive one-week program during their winter break, January 12-16.

Funded by DOE's Office of Science for Workforce Development for Teachers & Scientists, and managed by BNL's Office of Educational Programs (OEP), the Environmental Science & Technology College Mini-Semester Program aims to ignite student interest in science and technology and to serve as a gateway to possible cooperative academic semester or summer internships at BNL. Selection of students is based on their grades and interest, although strong emphasis also is placed on under-represented ethnic and gender diversity.

The mini-semester students in the photo are accompanied by Peter Wanderer, Superconducting Magnet Division (back, left), who gave them a brief talk on the mechanics of both superconducting and conventional magnets built by BNL scientists for accelerators around the world, including BNL's Relativistic Heavy Ion Collider and the Spallation Neutron Source at DOE's Oak Ridge National Labo-



Roger Stoutenburg 00246104

ratory. Noel Blackburn, OEP (back, right), organized and managed the mini-semester program.

Other highlights of the students' visit included lectures and discussions on environmental science and technology as well as environmental clean-up priorities at BNL, visits to the National Synchrotron Light

Source, the Collider-Accelerator main control room, and the Medical Animal Research Facility. All of the participating students completed a research project related to lectures they attended during their visit.

The schools participating in the 2004 mini-semester program were: Borough of Manhattan Community College,

Bronx Community College, Community College of Rhode Island, Essex County College, Hostos Community College, Housatonic Community College, State University of New York at Binghamton, Tidewater Community College, Stony Brook University, and Norfolk State University.

— Diane Greenberg

Nigeria's Academy of Sciences President Ogunmola Comes to BNL (cont'd.)

physics, materials science, and medicine.

After a stop to see the STAR detector at the Relativistic Heavy Ion Collider, where scientists seek to understand conditions of the very early universe, the visitor met with Interim Associate Laboratory Director for Life Sciences

Helene Benveniste. They talked about BNL's work in using positron emission tomography to probe the brain chemistry of mental illness, aging, and addiction, with special reference to the Lab's studies on obesity. Ogunmola continued his visit with a meeting with Carl Ander-

son, Biology Department Chair, to discuss the Lab's biology programs and the possibility of developing a postdoctoral fellowship program between BNL and Nigeria.

Ogunmola's visit concluded with a final talk with Lab Director Chaudhari. — Liz Seubert

Deborah Johnson Heads Internal Audit & Oversight Office (cont'd.)

facilities in the DOE complex. Based on voluntary compliance, the goal of the PAAA is to find and correct nuclear safety violations promptly. If voluntary compliance activities are not effective, DOE may fine contractors for infractions, as well as refer knowing and willful violations to the Department of Justice for criminal prosecution.

Johnson reports to the Laboratory Director and the BSA Board of Directors Audit Committee on both audit and oversight matters.

"In these times of high visibility of corporate governance and ethical conduct, the demands of stakeholders are increasing," Johnson said. "The new Internal Audit & Oversight office will provide the Laboratory with reasonable assurance that management's goals and objectives are being

achieved while Brookhaven's resources are being appropriately utilized."

Johnson received a B.S. in business economics in 1980, and an M.S. in technological systems management from Stony Brook University in 1995. A Certified Public Accountant in New York State and a Certified Fraud Examiner, she began her career in the public accounting profession before joining Brookhaven as a senior auditor in 1987. In 1990, she became BNL's Deputy Chief Internal Auditor, and, in 1998, following the Lab's change of management contractors, she was named Deputy Director of Internal Audit at BNL. She was named Director of Internal Audit on March 1, 2002, and, on December 1, 2003, she became Interim Director of IA.

From 1991 to 1993, Johnson participated in the devel-

opment of a peer-review program for DOE's contractor audit functions. She served as chair of DOE's professional standards subcommittee from 1993 to 1996, and later as a peer-review advisor for the DOE contractor audit community. She has been a member of the DOE Secretary's Steering Committee on Quality Auditing. Currently, she is a member of the DOE Contractor Internal Audit Directors Steering Committee. Johnson is also a recipient of the Town of Brookhaven's 2000 Woman of the Year Award for Business.

Johnson's professional affiliations include membership in The Institute of Internal Auditors, the Association of Certified Fraud Examiners, the American Institute of Certified Public Accountants and the New York State Society of Certified Public Accountants (NYSSCPA). She has served on the NYSSCPA's committees for nonprofit organizations and tax-exempt organizations.

— Diane Greenberg

Blume Honored by Bose National Centre for Basic Sciences (cont'd.)

important contributions in many areas of science, reaching from the theory of phase transitions, and x-ray and neutron magnetic scattering, to scientific publishing. The Bose Lecture recognizes his contributions to the development and application of synchrotron radiation in condensed

matter, as well as to the management and use of these sources, benefiting user communities around the world. On behalf of BNL and DOE, it's a pleasure to congratulate him."

Blume, who joined BNL in 1962, retired as a BNL senior physicist on August 5, 2003. Among his other honors are

the 2003 Advanced Photon Source Arthur H. Compton Award, won with Gibbs and former NSLS Chair and ALD for BES Denis McWhan, and Kazumichi Namikawa of Gakugei University, Tokyo, Japan; and DOE's E.O. Lawrence Award in 1981.

— Liz Seubert

Pick a Summer Student

Student applications for the summer 2004 undergraduate science internship programs sponsored by DOE's Office of Workforce Development for Teachers & Scientists will be available for review on an electronic database beginning on Monday, February 2.

Selections for the first round choices must be submitted by February 13. Students will be here for ten weeks, starting June 7 and ending August 13. Stipends, housing, and travel are funded through the Office of Educational Programs with a \$1,000 cost-share requested from the hosting department. The programs available include the Science Undergraduate Laboratory Internship (SULI), the Community College Institute (CCI) and the Pre-service Teacher Program (PST). A description of each program is available on the web at <http://www.bnl.gov/scied/>.

Those interested in sponsoring a summer student should contact the Office of Educational Programs to obtain the address and passwords for accessing the student database. For more information, contact Mel Morris for SULI and PST, Ext. 5963 or mmorris@bnl.gov; Noel Blackburn for CCI, Ext. 2890 or blackburn@bnl.gov; or Catherine Osiecki, Ext. 4503 or cathy_o@bnl.gov for all programs.

On-Site Analytical Lab to Close

Effective today, January 30, 2004, BNL's Analytical Services Laboratory (ASL) will no longer accept samples for processing, and it will be closed permanently in the near future. The decision to close the ASL is a financial one, based primarily on insufficient sample revenue from BNL operations, and on discussions during last August's retreat on operational efficiency, which was led by Laboratory Director Praveen Chaudhari.

The ASL has operated on site for more than 20 years, and staffing was augmented in the mid-1990s to accommodate the increase in characterization work associated with ongoing environmental restoration activities.

"These environmental radiological characterization activities are now largely complete," said Charles Schaefer, Manager of the Radiological Control Division (RCD). "This, combined with the closure of the High Flux Beam Reactor and the continued availability of similar services from private off-site analytical laboratories, has made the business climate for the ASL extremely difficult."

Due to similar revenue shortfall issues, ASL's non-radiological laboratory was closed in October 2003, resulting in a loss of four workers. Closing the radiological laboratory will result in the loss of the three remaining positions within the ASL.

BNL has had contracts with private analytical laboratories for several years, including General Engineering Laboratories, Severen Trent Laboratories, and H2M. The Environmental Management Directorate and the Environmental & Waste Management Services Division, which together account for more than 80 percent of ASL's sample load, have been using these outside laboratories for several years now. Other on-site users of ASL services will need to ship their samples to one of these three laboratories for analysis.

According to Schaefer, when sending samples off site for analysis, a hazard determination must first be made. If the sample contains, or, based on process knowledge, is likely to contain radioactive material, the samples must be shipped through BNL's Isotopes & Special Material (I&SM) Group (contact Kris Dahms, Ext. 4051). If the samples contain non-radioactive hazardous material, they must be shipped out through the Procurement & Property Management (PPM) Division, Building 100 (Shipping).

"Your Facility Support Representative can assist you in determining the hazards that the samples contain," said Schaefer. "Please follow the procedures outlined in the SBMS subject areas "Transportation of Radioactive Materials Off Site" and "Transportation of Hazardous Materials Off Site."

New Biofuel is Promising Oil Alternate *(cont'd.)*

"This project will help us make a giant step forward in learning more about the use of biofuel. We are happy that this innovative program will take place on Long Island," said Krishna.

At this time, biofuels are still more expensive to produce than fuel oil, costing approximately 25 to 50 cents more per gallon. However, Butcher and his team expect the price to drop as biofuel becomes more widely used and production rises. Says Butcher, "It is important for the U.S. to have an alternative fuel source. We need a Plan B for energy resources, and I see biofuel as a fuel for our future."
— Jane Koropsak

In Memoriam

Carl Barber, life number 478, who, as a mechanic B, had joined the Architectural Planning Group on March 24, 1947, and had left the Lab as a rigging foreman on long-term disability on February 22, 1975, died at age 89 on August 21, 2003.

John Austen, who had joined BNL on November 23, 1964, as a warehouseman in the Supply & Materiel Division, and had retired from the position of storekeeper on September 30, 1987, died on October 22, 2003. He was 78.

Reimbursement Account Deadline

If You Used It, Don't Lose It!

According to the Internal Revenue Service, contributions to health care or dependent day care accounts not used by the end of the year will be forfeited. So, do not forget to use up balances within all 2003 reimbursement accounts by claiming expenses incurred in 2003. To do so, submit claim forms by March 31.

FreshDirect - Shop Online

Orders for FreshDirect produce and groceries placed online can be picked up on Thursdays from 3:30 to 5:30 p.m. in the Berkner Hall parking lot. For more information, see www.freshdirect.com/bnl. Enter "quark2004" in the access code field to enter the site.

Arrivals & Departures

Arrivals

Kyung Yoon Chung Mat. Sci.
Susan Chyczewski CEGPA
Christian Hoth NNS
Regina Robinson Medical
Ryan Schulz Biology
Wei Xie Physics

Departures

Adnan Doyuran NSLS
Garfield Jones Physics
Vivekananda Ponnaiyan C-A
Susumu Sato Physics
Rainer Soika Magnet

Committee Seeks Nominees For 2001 BERA Board

Employees, facility users, visitors, and guests are all invited to join a nominating committee to identify four candidates for the 2004 BERA Board election. The committee will meet for the first time on Friday, February 6, at 11 a.m., in Berkner Hall, Room C. During the upcoming BERA elections, the four candidates will be voted on to fill two BERA Executive Board positions for the period of May 2004 to 2008.

If you are interested in being on the nominating committee, or if you have a BERA Board candidate to propose, e-mail John McCaffrey at mccaffrey@bnl.gov. Make sure that the person being proposed will agree to accept the nomination if selected by the nominating committee.

Give Life: Blood Drive, 2/13

To replenish Long Island's blood supply, BNL is holding a blood drive on Friday, February 13, from 9:30 a.m. to 3 p.m. in the Brookhaven Center.

Those eligible to donate are people in good health between the ages of 17 and 75 who weigh at least 110 pounds. Donors should have photo identification and know their social security number.

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



Valentine's Eve Dance Party, 2/13

On Friday, February 13, the rock band "ACCENT" will perform at the North Ballroom at the Brookhaven Center for a Valentine's Eve Dance Party jointly sponsored by the BNL Social & Cultural Club and the BNL Ballroom Dance Club. The event is open to the public. All visitors age 16 and over must present a picture ID at the main gate.

The ACCENT band plays an assortment of '60s, '70s, and other popular tunes for disco, free style, and hustle dancing. In between sets, however, the DJ will play ballroom and Latin dance music for everyone to enjoy. If you like to dance, or simply socialize, don't miss this party!

Tickets will be sold at the door only, at \$8 per person, which includes coffee and tea and a half-hour complimentary beginner hustle dance lesson at 7 p.m.; the band starts at 8 p.m. For more information, contact Rudy Alforque, Ext. 4733 or rudy@bnl.gov, or John Millener, Ext. 3853 or millener@bnl.gov.

The Mentalist, 3/19

Gerry McCambridge will perform his well-known nightclub act, demonstrating his uncanny ability to read people's actions and determine their innermost thoughts, at BNL on Friday, March 19, at 7:30 p.m. in Berkner Hall. Tickets cost \$10 and are available at the BERA Store. Doors open at 6:30 p.m. and there will be a cash bar and limited snacks. For more information, contact Christine Carter, Ext. 5090.

Retirement Counseling

A TIAA-CREF representative will visit BNL on Friday, February 6, Friday, February 13, and Tuesday, February 24, 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 (*not* the on-site Ext. 7980).

Noon Recital, 2/11

All are welcome to attend the next BSA Noon Recital, on Wednesday, February 11, when baritone Valentin Lanzrein (below, left), accompanied by pianist Wonmin Kim perform in Berkner Hall. The concert will include songs by Ludwig van Beethoven and Robert Schumann.

The public is invited to this free event; visitors of ages 16 and over must carry a photo ID.



Adult Swim Lessons

Classes for adults who would like to learn to swim begin on Wednesday, January 28, and will be held from 7:30 to 8:30 p.m. at the BNL swimming pool at a cost of \$60 for eight weeks. To register, make checks payable to BERA and send to Christine Carter, Bldg. 179B.

Pilates Classes Begin

BNL offers a new Pilates class beginning on Friday, February 13, and running for eight consecutive weeks on Friday mornings from 7 to 8 a.m. in the gym at a cost of \$80 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.

Softball Captains, 2/4

There will be a meeting for all softball captains at noon on Wednesday, February 4, in Berkner Hall, Room C. At least one representative from each team that plans to play this season should attend, and preliminary team rosters should be submitted. For more information, contact Rich Scheidet, Ext. 5284.

ASAP Weekly Events

The Association for Students and Postdocs (ASAP) sponsors the following weekly events, which are open to all ASAP members:

Tuesday: Lunch Discussions (noon)
Wednesday: Movie Nights (7 p.m.)
Thursday: Coffee Break (5 p.m.)

All events are held in the ASAP Lounge, which is located in the lobby of Bldg. 750. For more information, see www2.bnl.gov/asap/.

Calendar

(continued)

*Softball Captains Meeting

Noon, Berkner Hall, Room C. Meet the new Board. Team captains: bring a preliminary roster. Rich, Ext. 5284.

Thursday, 2/5

Cycletrons Motorcycle Club Meeting
4:45, Brookhaven Ctr. Frank Dusek, frankd@bnl.gov or www.bnl.gov/bera/activities/mcycycle.

BERA Bridge Club

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

— WEEK OF 2/9 —

Wednesday, 2/11

*Noon Recital

Noon, Berkner Hall. Valentin Lanzrein and Wonmin Kim, baritone and pianist, perform songs by Beethoven and Schumann. All are welcome.

Friday, 2/13

*Blood Drive

9:30 a.m.-3 p.m., Brookhaven Center. BNLers from age 17 to 75, in good health, and weighing over 110 pounds are welcome. All donors must have photo identification and know their social security number. To make an appointment, contact Susan Foster, Ext. 2888 or donateblood@bnl.gov.

*Valentine's Eve Dance Party

7 p.m. Complimentary hustle dance lesson. 8 p.m. ACCENT rock band will play. Jointly sponsored by BNL Social & Cultural Club and BNL Ballroom Dance Club. \$8, buy tickets at the door only. See notice at left.

— WEEK OF 2/16 —

Thursday, 2/19

BERA Bridge Club

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

Friday, 2/20

Blues Concert

8 p.m., Berkner Hall. Sonny Landreth and "The Gathering of the Slides II" sponsored by the BNL Music Club and the Long Island Blues Society. Tickets cost \$20 in advance, \$30 at the door. Purchase tickets at the BERA Sales Office in Berkner Hall.

Fri., 2/20 - Sun. 2/22

BERA Ski Weekend to Gore Mountain

Bus departs BNL on 2/20 at 5 p.m. and departs Lake George at 5 p.m. on 2/22. Ski all day w/transfers to Gore Mt. Trip includes deluxe motor coach and two nights hotel, welcome refreshments, several buffet-style meals, and parties scheduled for Fri., Sat., and Sun. nights. Prices from \$195 pp-quad, \$215 pp-triple, \$225 pp-double. \$25 for open bar option for the weekend. Tickets and additional information available at the BERA Sales Office in Berkner Hall. Deposit required by 12/16/03. See www.adventureunlimited.com.

Saturday, 2/21

Lion King on Broadway

Sold Out. Christine Carter, Ext. 5090.

— WEEK OF 3/1 —

Thursday, 3/4

BERA Bridge Club

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

— WEEK OF 3/15 —

Thursday, 3/18

BERA Bridge Club

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

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.

Classified Advertisements

Placement Notices

The Lab's placement policy is to select the best-qualified candidate for an available position. Candidates are considered in the following order: (1) present employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present employees within the Laboratory; and (3) outside applicants. In keeping with the Affirmative Action Plan, selections are made without regard to age, race, color, religion, national origin, sex, disability or veteran status. Each week, the Human Resources Division lists new placement notices, first, so employees may request consideration for themselves, and, second, for open recruitment. Because of the priority policy stated above, each listing does not necessarily represent an opportunity for all people. Except when operational needs require otherwise, positions will be open for one week after publication. For more information, contact the Employment Manager, Ext. 2882; call the JOBLINE, Ext. 7744 (344-7744), for a list of all job openings; use a TDD system to access job information by calling (631) 344-6018; or access current job openings on the World Wide Web at www.bnl.gov/HR/jobs/default.htm.

LABORATORY RECRUITMENT - Opportunities for Laboratory Employees.

TB4071. SR. ADMINISTRATIVE SERVICES ASSISTANT (A-3) - Requires eight years of related administrative experience, excellent oral and written communication skills, and knowledge of MS Word and Excel. A bachelor's degree, preferably in a related scientific discipline, is desirable, and may substitute for administrative experience. Will assist in the coordination of the scientific user proposals for the NASA Space Radiation Laboratory (NSRL) and NASA Radiobiology Facility at the Alternating Gradient Synchrotron. Will be responsible for the coordination of Scientific Advisory Committee for Radiobiology activities. This includes the Calls for User Proposals and related correspondence both to the committee and to the users. Will be responsible for maintaining a database of all users and proposals. Biology Department.

TB3281. SR. ADMINISTRATIVE SECRETARY (A-3) - Requires 8 years' experience, including 3 years as an Administrative Secretary. Will be responsible for the effective operation and management of the Division Office, including the coordination and direction of all administrative office practices (MS Office Suite, IPAP, PeopleSoft), policies and procedures. May provide assistance in project management, including tracking budgets for multi-task project. Candidates should have the ability to coordinate divisional activities for a 10-15 member division and work under pressure, prioritize, and multi-task. Will arrange and process domestic and foreign travel and work closely with Division Head on administrative matters requiring use of discretion and tact in the handling of confidential personnel matters. Will interact with outside sponsors in coordinating and planning conferences/meetings both on and off site. Ability to obtain and maintain a security clearance is desirable. Nonproliferation & National Security Department.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

MK4085. ASSOCIATE CHEMIST (S-2) - Requires a Ph.D. in physics or nuclear chemistry and at least three to five years' experience. Extensive experience with silicon detectors and practical silicon detector hardware used for high energy or nuclear physics experiments also required. The PHOBOS and PHENIX experiments at RHIC create hot, dense, strongly interacting matter at trillions of degrees K, similar to matter which we believe existed microseconds after the big bang. The successful candidate will take responsibility for the PHOBOS silicon vertex and octagon detectors for the next few years as well as playing a strong role in PHENIX silicon vertex tracker upgrade currently being proposed. Under the direction of M. Baker, Chemistry Department.

MK3146. SCIENTIFIC POSITION - Requires a Ph.D. in physics, chemistry biology, or materials science, with a strong background in biomaterials, nanoparticle synthesis, soft-condensed matter, molecular assembly, organo-inorganic hybrids, and interfaces. Additional experience in x-ray scattering, the use of proximal probes or electronic microscopy is highly desirable. Position is in the materials synthesis at the Center for Functional Nanomaterials (CFN). The CFN is a science-based user facility that provides researchers with state-of-the-art capabilities to fabricate and study nanoscale materials. Functional nanomaterials are those which exhibit a predetermined chemical or physical response to external stimuli. The Center's focus is to achieve a basic understanding of how these materials respond when in nanoscale form. Will be expected to participate in interdisciplinary research at the CFN and conduct cutting-edge research at the interface of materials synthesis, biology and chemistry. Under the direction of T. Vogt, Center for Functional Nanomaterials.

MK4069. POSTDOCTORAL RESEARCH ASSOCIATE - Requires a recent Ph.D. or equivalent in radiation biology, biochemistry or molecular biology, studying molecular aspects of induction and repair of radiation-induced DNA damage clusters in DNA and in

mammalian cells, especially damages induced by radiation found during space travel outside the magnetosphere. Position is in highly interacting, multi-expertise group. Good communication skills and ability to interact with scientists, professional staff and students of a wide variety of backgrounds essential. There is the potential for participation in NASA-funded Heavy Ion Radiobiology program. May require travel to collaborating institutions. Under direction of Betsy Sutherland, Biology Department.

MK4083. POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. in chemistry and the ability to conduct basic research in experiments or theory to explore fundamental questions in chemical dynamics underlying photochemical energy conversion and/or chemistry initiated by short electron pulses. Under the direction of J. Miller, Chemistry Department.

MK2496. POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. in nuclear engineering and general background in nuclear engineering with experience in working with large neutron computer codes. Will work with reactor analysis codes such as those based on lattice physics, Monte Carlo, and/or neutron kinetics. The application of these codes is to design new nuclear energy systems or fuel management schemes or to assess the safety of existing or proposed advanced reactors. Under the direction of M. Todosow, Energy Sciences & Technology Department.

NS2877. PROJECT ENGINEER /SAFETY ENGINEERING GROUP LEADER (P-9, ERAP Eligible - \$1K) - Requires a bachelor's degree in safety engineering/safety science or equivalent, excellent communication skills, strong background in industrial safety and health with a minimum of 15-plus years of progressive safety experience, including supervising technical personnel. An advanced degree and professional certification are required. Must be capable of prioritizing assignments and facilitating staff completion of programmatic activities; be conversant with OSHA regulations, other external regulations and national consensus standards. Experience in conducting formal incident investigations, knowledge of occupational injury and illness process to include determining rates, knowledge of administration of workers' compensation, liability, and other casualty issues, self-assessment process, developing Standards Based Management System Subject Areas, familiarity with associated DOE Orders, and capability of working with all levels of management, DOE and outside regulators are necessary. Will supervise the Safety Engineering Group, providing overall leadership, planning of strategic direction, development and maintenance of budgets, organization and evaluation of personnel, career development, and oversight to ensure implementation of Group's responsibilities and objectives. Must have excellent customer relationship skills. Safety & Health Services Division.

TB4086. CHEMISTRY ASSOCIATE III (P-3) - Requires a BS and some relevant experience or MS in chemistry or equivalent. Meticulous laboratory techniques, advanced organizational skills, and record keeping are required for radiopharmaceutical formulation and documentation. Experience in organic synthesis, chromatography, and analytical methods is needed. Will be responsible for synthesis and quality control of radiopharmaceuticals labeled with isotopes of short half-life for the Brookhaven PET Program. This position is within a large multi-disciplinary group, which focuses on developing new scientific tools for imaging in humans and animals with a view toward understanding fundamental mechanisms in aging addiction and degenerative disease. Chemistry Department.

NS4070. STAFF SPECIALIST (A-6, ERAP Eligible - \$1K) - Requires a bachelor's degree in accounting, business administration or equivalent and at least four years' related experience. Extensive administrative experience should include financial performance, contract administration, coordination of program funding; grant preparation, and financial reporting. Excellent written and oral communication skills, proficiency in Excel and other MS Office products and experience with PeopleSoft is required. Will assist in the overall management of Department administrative business activities including budgets, sub-contracts and grant preparations (DOE and other federal agencies). Biology Department.

NS3145. ASSISTANT STAFF SPECIALIST/ USER ADMINISTRATOR (A-4) - Requires a bachelor's degree in a relevant field or several years' experience in a similar position. Experience in the development and implementation of administrative procedures is required along with demonstrated experience working in a scientific environment. Knowledge of computer databases, safety training knowledge, technical writing experience, and excellent oral and written communication skills are required. Proficiency with Front-Page software and Word, Excel, and PowerPoint are necessary; knowledge of BNL policies and procedures is very desirable. Will be responsible for managing the CFN User Administration functions including monitoring the User proposal process from start to finish, interacting extensively with the Users and leading the preparation of CFN activity reports. Will actively work with the NLSL User Office to implement the present CFN User support system and work toward improvement and future development of the system. Will build and supervise a support staff as the CFN User Program grows in size and scope. Center for Functional Nanomaterials.

TB2159. ELECTRICIAN A (Temporary positions) - Under minimum supervision lays out, constructs, installs, maintains, repairs and operates (in accordance with the national electrical codes, or as otherwise directed) electrical systems, equipment controls and related devices. May be required to perform similar duties on other than Maintenance Division equipment and facilities. Plant Engineering Division.

Motor Vehicles & Supplies

02 GMC CREW CAB - Duramax, p/u, 10,400 mi. Call for information. Vinnie, 495-6961.

02 HYUNDAI ELANTRA - a/c, all power, cd changer, excel. mechanical/body, 19K mi., \$8,500. Rodney, 751-7023.

00 CADILLAC ELDORADO - a/c, p/s, p/b, p/w, 2dr., tan w/vinyl roof, Lojack, leather, heated seats, 36K mi., \$19,500. Jill, 516-735-2235.

00 HONDA CIVIC - 4dr. sedan, a/t, a/c, alarm, keyless ent., cd, ext. warr. for 50K miles or 4 yrs., 50K mi., \$10,000. Magalie, 516-901-5405.

00 MAZDA MILLENNIA - a/c, p/s, p/b, p/w, loaded, heated seats, pwr. m/roof, mint cond., 60K mi., \$10,500. Ext. 4548 or 874-8631.

99 SATURN SL2 - 4dr., a/t, p/w, p/l, sunroof, great cond., new brakes, orig. owner, 98K mi., ask \$5,700. Lisa, Ext. 7524.

98 CHEVY EXPRESS VAN - hi-top conversion, V8, TV, VCR, cd/stereo, head mirrors, moon light, 39K mi., \$12,995. Diana, Ext. 3681.

98 FORD CONTOUR GL - a/t, a/c, p/s, p/b, p/w, gold, V6, power mirrors, spoiler, am/fm/cass., 75K mi., \$4,000. Peter, Ext. 3909.

97 CHEVY CAVALIER - Rally Sport edition, orig. owner, excel. cond., \$4,000. Michael, 379-7387.

97 HONDA CIVIC - 5spd, gd. cond., 193K mi., \$3,900. Dave, Ext. 2795 or 582-9405.

96 DODGE CARAVAN - a/t, runs well, 135K mi., \$3,000. Joe, Ext. 2868 or 821-3328.

96 HONDA ACCORD - a/t, a/c, p/s, p/b, dealer maint., gd. cond, new tires, 158K hwy. mi., ask \$3,000. Ho, 344-1019.

96 TOYOTA CAMRY - 4dr., a/t, a/c, p/l, p/w, runs well, \$3,950. Marty, 874-3478, eves.

95 OLDSMOBILE AURORA SEDAN - V8, a/t, a/c, p/s, p/b, p/w, blk., 4dr., leather, loaded, orig. owner, gd. cond. \$5,500. Ed, 589-3992.

94 CHEVROLET CAMARO - a/t, a/c, p/l, p/w, blk, air bag, s/roof, c/c, am/fm/cass. 120K mi., \$3,700. Rachid, Ext. 4342 or 821-6389.

94 CHEVROLET CAVALIER - a/t, a/c, 3.1L, V6, excel. cond., 100K mi., \$1,750. Seth, Ext. 5595 or 751-0272.

93 CHRYSLER VAN T&C - leather, new brakes & tires, gd. cond., \$3,000 neg. Richard, 924-6751.

93 DODGE CARAVAN - 5spd, a/c, p/s, p/b, p/w, V6, 3.3L, ABS, v.g. cond., 115K mi., \$2,900. Peter, Ext. 3705 or 689-1877.

93 FORD CROWN VICTORIA LX - a/t, a/c, p/s, p/b, leather, keyless ent., garaged, gd. cond., ask \$2,500. Bob, Ext. 4867 or 654-3989.

93 MERCURY GRAND MARQUIS LS - a/t, a/c, p/l, p/w, V8, leather, ASB, keyless, traction control, 85K mi., \$3,975. Ext. 2960 or 281-2414.

92 VOLVO 240DL - a/t, a/c, p/s, p/b, p/w, 150K mi., \$2,000. John, 878-3152.

90 CHEVY ASTRO EXT - 4.3L, V6, a/t, a/c, p/s, p/b, tow pkg., sunroof rack, 8 pass., 165K mi., \$1,300. Walter, 750-3015, eves.

90 MAZDA 626 - 5spd, p/s, p/b, p/w, runs well, new belts, 210K mi., \$900. Olga, 331-9627.

90 SUBARU LOYALE 4WD WAGON - 4dr., 5spd., a/c, p/s, p/b, 175K mi., \$500. Steve, Ext. 5323 or 744-3902.

90 TOYOTA CELICA ST - 5spd., new clutch, timing belt, gd. cond., runs well. \$1,000 Ed., Ext. 2697 or 924-7423.

89 CHEVY CORSICA - a/t, a/c, p/l, p/w, great car, low mi., \$900. Ed, Ext. 4188 or 472-2750.

89 MAZDA MPV - a/t, a/c, p/s, p/b, p/w, V6, 7 pass., new brakes, struts & shocks, etc., runs well, 149K mi., \$1,600. Al, Ext. 7262.

89 OLDSMOBILE DELTA 88 - silver, gd. am/fm/cass. sound system, runs well. 231K mi. Jim, Ext. 4034.

SOFT TOP - for '01 Suzuki J1X2dr-Vitara, blk, 2/p, brand new, rear/side zip-out windows, w/all hardware, \$200. Denise, Ext. 5873.

TIRES - 4 Hankook Zovac HPW401, steel studded snow tires, P195/65/R15, used 1 mo., \$250/obo. Ext. 3492 or 734-2593.

TRAILER HITCH - fits Chevy Blazer, GMC type, class "A", v.g. cond., ask \$125. Lou, Ext. 4312.

Sports Hobbies, & Pets

AIR HOCKEY TABLE - almost new, you pick up, \$220. Warren, Ext. 2080 or 751-5245.

BALL PYTHON - 5', very tame, 55 gal. tank w/stand, \$250. Henry, 727-7227.

BALLET TICKETS - 2/NYC Ballet, *Sleeping Beauty*, first row middle, 2nd ring, 2/29, 3 p.m., \$60/ea. Ed, Ext. 2007 or 751-1474.

CAMERA - Canon EOS 620-650 w/AF auxiliary flash head emitter, filters & lens, more, make offer. George, Ext. 3120 or 369-4334.

CAMERA - Olympus 35 mm, 140 zoom, silver w/date, still in box, \$99, Jack, Ext. 5080.

CLARINET - Bundy w/Vandoren 5RV mouthpiece, \$170; Guinea pig cage w/water bottle & bowl, \$15. Gary, Ext. 2576 or 589-5490.

ICE SKATES - double-runner, boy's size 13 and 2, girl's size 12, girl's single-blade size 3. Kimberly, Ext. 4304.

Today, Get to Know Your Lab!

Learn About Fast Chemistry

Today, Friday, January 30, all are invited to meet at noon in the upper lobby of Berkner Hall. Elaine Lowenstein of Community Involvement will take the group to the Chemistry Department to learn how very fast chemistry reactions can be observed. Alison Funston and Trevor Sears of Chemistry will explain their research at the Laser Electron Accelerator Facility, LEAF, and on photochemistry in the lab. The group will return to Berkner by 1 p.m.

Send a Love Note to Your Valentine

Is there a special message you'd like to send to your valentine? Are you looking for a valentine? You can have your Valentine's Day message printed in The Bulletin on February 13.

Send your 15-to-20 word "love note" to The Bulletin, Bldg. 134, by Thursday, February 5. If you use paper, use a Sales & Notices Bulletin classified ad form, but mark it "Valentine's Day." If you use the forms on the web, use the form for "Miscellaneous," and mark it "Valentine's Day" at the beginning of the message. You must sign your name and include your life number and extension, but your name will not be printed unless it is clearly part of the message. Copy must be deemed tasteful. All "love notes" will be accepted at The Bulletin's discretion. Only one message per employee please.



FISHING POLES - 3, 2/kids, 1/adult, fake baits incl., ask. \$30. Ho, Ext. 7646.

PET CAGES - parakeet/hamster cages & habitats, like new, \$7-\$10/ea. Tony, 878-6204.

PIANO - Kohler & Campbell upright, spruce permatone sound brd., tuned, w/bench & humidifier, \$700. Linda, Ext. 2733 or 395-6784.

PIANO - Kawai console piano, fantastic cond. asking \$2,000. Henry, 727-7227.

Audio, Video & Computers

COMPUTER MONITOR - 19" CRT, 1600 x 1200 resolution, great for games & graphics, used six mos., \$50. Dario, Ext. 5303.

COMPUTER - Dell, 1.1Ghz CPU, 20Gb HD, 256Mb RAM, CDRW/DVD, Zip Dr., 17" mon., more, \$400/neg. Don, Ext. 7237 or 929-6571.

CAMERA - digital Minolta Bimage 7, 5.2MP, 7x opt. zoom (28-200mm), ver. 2 firmware, 64MB CF, software, more, \$395. Lap, Ext. 2336.

CAMERA - Ricoh digital, 2.3mp, 3x zoom, orig. \$500, ask \$200; Henry, 727-7227.

DVD - *Bad Boys 2*, widescreen, dts, NTSC, region 1, sealed, \$12. JeongHo, Ext. 7646.

DVD/CD/MP3 PLAYER - Samsung, brand new in box, Model #DVD-S221, \$75/neg. Maryann, Ext. 4705 or 929-4978.

PRINTER - Dell A920 color/blk, all in one print, copy, scan & fax, never used, still in box, ask \$70. Luo, Ext. 4121.

TV - GE, 27" w/remote, \$100 obo. Denise, Ext. 5873.

Miscellaneous

CROCKPOT - Rival, 3 1/2 qt., stoneware slow cooker, \$5; Legally Blonde 2 - Red, White, & Blonde DVD, prev. vwd., \$10. Angela, Ext. 5322.

BROADWAY - *Thoroughly Modern Millie*, 2 orch. seats, row 13 ctr., reg. \$100/ea., now \$65/ea., must buy pair, 2/14, 2 p.m. Ext. 4271.

CD PLAYER - Yamaha CDX1 single; JVC stereo dble cassette deck, \$25/ea; cocktail table, \$45; TV stand, \$20. Bob, Ext. 4867.

SHREDDER - Chipper electric, unused, \$95; dehumidifier, \$60; microwave/convection oven, \$50. Joe, Ext. 3783 or 929-8321.

TV - Sony 20" color w/front & back AV inputs, \$50; big BBQ garden grill, \$5; Goldstar microwave, 0.6 cu. ft. turntable, \$10. Ho, Ext. 7646.

HOYER PATIENT LIFT - w/med. U-sling, never used, \$1,100, ask \$500. Joseph, Ext. 4496 or 467-5537.

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

POSTER - Back Street Boys poster signed, framed; Henry, 727-7227.

Lost & Found

CELL PHONE - found outside Bldg. 603. call lost & found, Ext. 2873.

Free

FERRET - male, approx. 2 yrs. old, needs gd. home, prof. w/another ferret, cage avail. Bette, 648-3048.

Car Pool

Looking to join a car pool from North Fork, Mattituck/South/Greenport. Ed, Ext. 5360 or 477-8117.

Meets in Westbury and Plainview for 8-4:30 shift. Ron, Ext. 6068.

Wanted

CELL PHONES - to be donated to support Port Jeff Bowl Olympics, drop donations off to Robin at the Clinic, Bldg. 490 or Ext. 3192.

KARATE ENTHUSIASTS - to form a club on site. Class taught by 4th degree Black Belt. Rex, 872-4804 or pgarcia@bnl.gov.

KNICKS TICKETS - 2 to 4, Christine, 821-2558.

LEGO-DUPLO - Lego toys to build school project. Kumi, Ext. 7734.

NATUA TRACK - in gd. working cond. Yonda, 821-5562.

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

VACUUM TUBES, EQUIPMENT - old/new electron vac. tubes & tube equip., radios, tuner, AMPS, test gear, etc. Jonathan, Ext. 5335.

In Appreciation

Many thanks to my Local 2230 brothers and sisters for the delightful Get Well "Care Package." — Steve Eckhoff

For Rent

CENTER MORICHES - 1-bdrm. apt., lr, bath & kit. Sarah or Nick, 878-1643.

CENTER MORICHES - 2-bdrm. bsmt, eik, full bath, use of 1/2 gar. & yard, priv. ent., no smkg./pets, 2 mos. sec. & ref. req., \$1,100/mo.+ heat, elec. Bob, Ext. 7779 or 929-4753.

EAST SETAUKET - on cul-de-sac, 5 bdrm., 3 bath, 3-lvl. house, sliding dr. to wraparound deck, all hardwood floors, 2.5 car gar. 3VSD, \$2,400/mo. avail. 3/15. Mei, 689-6495.

MANORVILLE - 1-bdrm. apt., unfurn., legal, quiet, clean & priv., 3 mi. to Lab, no pets, \$900/mo./incl. all. Walter, 878-9867.

MASTIC BEACH - 1-bdrm. apt. + storage rm., priv. ent., rent by mo., furn./unfurn., parking, balcony, \$900/mo./incl. heat & oil. Valentina, Ext. 4992, 212-865-2252, or 925-586-3089.

MEDFORD - bsmt. apt., 2-bdrm., ceramic tile bath, sep. ent., no smkg./pets, 1 mo. sec., \$1,000/mo./all, incl. cable. Cynthia, 698-9016.

PORT JEFFERSON STATION - 1-bdrm. apt., priv. ent./dr. way, no smkg./pets, \$900/mo./incl. util. Yannis, 928-9325.

SHOREHAM - share house, furn./unfurn. bdrms., 8 mi. to BNL, no smkg./pets, \$530-570/mo. GD, Ext. 3785 or 744-3543.

SOUND BEACH - share apt. w/female grad. student, part furn., kit., 2 blocks to beach, priv. ent., \$525/mo. Mi, Ext. 4290 or 345-6333.

ST. JAMES - 3 bdrms., 2 bath, house, wood stove, a/c, Pergo flrs., lg eik w/oak cabinets, tile counter tops, fenced 1/3 acre. walk to town, \$2,400/mo/all. 862-0113.

BRISTOL, NH - Newfound Lake, 2 bdrm., 2 baths, great family vac., wks. June thru Aug. \$1,100/wk. Edward, Ext. 4188 or 750-3169.

KISSIMMEE Fla. - 5-bdrm. new home, sleeps 12, 4 baths, pool, hot tub, 3 mi. to Disney, reservations start 3/2004. Carrie, 878-6968.

For Sale

HAMPTON BAYS - Shinnecock Bay views, huge, yr.-round sunroom, sun decks, newly renovated kit., low taxes, Carrie, 728-0334.

HAUPPAUGE - 4-bdrm split ranch, rm. for extended family or office, 2.5 bath formal dr., eik, den w/front porch, gar., 0.5 acres, low taxes, 25 min. to BNL. Dan, 265-7839.

MANORVILLE - 3-bdrm. Col., 2.5 bath, cul-de-sac, 1 ac., wooded, gar. dr/water, shed, oil, hot water, igs, 10 min. to malls, all appliances. \$363,000. Jack, 874-4049.

MYRTLE BEACH, SC - timeshare on ocean, 2 bdrm., 2 baths, full kit., sleeps 6. ask., \$19,000. Arnold, 919-498-6848.

RONKONKOMA - 3 bdrms., 2 baths, lr, dr., new eik & appl., c/air, furn. bsm., 1 car gar., carport, covered patio, Angela, Ext. 5944.

SOUND BEACH - new, 3-bdrm. Colonial, 2.5 baths, lr, dr, eik, level 2.3 acre, all new appliances, Miller Place Schools, \$325,000. 209-0225 or 516-635-0225.

Ads omitted due to lack of space will be printed in next week's Bulletin.