

Great News at 1/13 Employee Meeting: Funding for RHIC, New JPSI Center

At a surprise all-employee meeting on the morning of January 13, Lab Director Praveen Chaudhari gave excellent news to the full house of employees gathered in Berkner Hall and to those watching the video-streaming version of the talk on their office computers. The news strengthened major Lab directions of the present and future: the Relativistic Heavy Ion Collider (RHIC) and the proposed National Synchrotron Light Source II (NSLS-II).

First, Chaudhari said, Jim Simons, President of Renaissance Technologies Corporation (RT) and a member of the BSA Board of Directors, had initiated a \$13-million contribution from RT and BSA Board members that will enable RHIC to run for approximately 20 weeks this fiscal year.

Another result of the contribution, Chaudhari said, is that involuntary layoffs, which had been a serious consideration, would now be considerably minimized.

Chaudhari also emphasized the Lab's recognition of the solid commitment and tireless work on BNL's behalf evidenced by Senators Hillary Clinton and Chuck Schumer and of Congressman Tim Bishop.

The second piece of good news, Chaudhari announced, involved the NSLS-II, a BNL-designed machine proposed as a successor to the NSLS. Extraordinary efforts from BNL personnel had resulted in the NSLS-II's winning DOE's Approval of Mission Need — four years before it had been planned by DOE, said Chaudhari.

The next critical stage will be to get DOE to site NSLS-II at BNL, Chaudhari said, explaining that it would thus be helpful to get a commitment to demonstrate New York State's strong support of NSLS-II at Brookhaven.

That support came through when Governor George Pataki sent a letter to Energy Secretary Samuel Bodman, promising \$30 million for the building of the Joint Photon Sciences Institute (JPSI) at BNL.

"This is the first time that New York State has committed to putting something on site with a tangible amount of money in it," said Chaudhari.

JPSI, which will be funded in a partnership between DOE and New York State, will serve as an intellectual center for development and application of the photon sciences. In addition, it will be a center for developing new methods and applications to take advantage of the unique capabilities of the proposed NSLS-II. JPSI will be a gateway for NSLS-II users and strengthen the Lab's case to have NSLS-II sited at Brookhaven.

"I don't know if you can take so much good news at once," concluded Chaudhari. "I certainly can." And so could the meeting's attendees, who exited Berkner broadly smiling.

— Liz Seubert

For more information on the contribution to RHIC, see *The Bulletin* of January 13, 2006, and the video of the meeting at <http://intranet.bnl.gov/video/employee.asp>. For more information on JPSI, see Monday Memo of 1/23/06, <http://intranet.bnl.gov/memo/default.asp>.

Roger Stoutenburgh 02/29/06



Lab Director Praveen Chaudhari

Kamer Report: Brookhaven Lab Crucial To New York State's Future Economic Growth

BNL's viability as a premier research facility is crucial to New York State's (NYS) future growth, according to a report by economic consultant Pearl M. Kamer, who also serves as chief economist for the Long Island Association. The report, titled "The Economic Impact of Brookhaven National Laboratory on the New York State Economy," can be viewed at www.bnl.gov/bnlweb/admin/economic.asp.

At a talk on her report that Kamer gave at BNL on January 19, she underscored the Lab's value to NYS and Long Island. For example, BNL injected over \$4.76 billion in direct spending into the NYS economy in just over a decade, creating almost 79,000 secondary jobs statewide, she said. Also, BNL's world-class facilities attract thousands of visiting scientists each year, who help fuel the local economy, she added.

Owned and primarily funded by DOE, BNL is among the five largest high-technology employers on Long Island, with about 2,700 employees. Kamer reports that several of the Lab's current projects will significantly enhance its economic value to NYS.

These projects include the Center for Functional Nanomaterials (CFN), which will provide researchers in the Northeast with state-of-the-art capabilities to fabricate and study nanoscale materials that may form the basis of new technologies. Also, BNL proposes to build a successor to its current National Synchrotron Light Source (NSLS), where about 2,400 scientists annually do research in numerous scientific fields. The new light source, NSLS-II, would enable scientists to focus on challenges on the nanoscale that could, for instance, lead to more efficient, low-cost hydrogen production and cheaper electronics.

More Report Highlights

Kamer's report details BNL's direct spending, in both operating and capital expenditures, as well as the secondary economic impacts, known as "ripple effects" of that spending, for fiscal years (FY) 1993-2003 and for FY04. She also projected the Lab's future economic impacts over the next decade. Highlights include:

- In FY04 alone, the Lab's direct spending of \$454.4 million resulted in the expansion of

Economic consultant Pearl Kamer, who is also chief economist for the Long Island Association, gave a talk at the Lab on BNL's crucial economic value to Long Island and New York State.



Roger Stoutenburgh 02/29/06



Roger Stoutenburgh 02/29/06

At Pearl Kamer's talk on January 19, BNL Director Praveen Chaudhari (right) is pictured with New York State Assemblyman Marc Alessi (center) of the 1st Assembly District as he greets John Hauser (left), BNL's Assistant Laboratory Director for Finance.

NYS's total output of goods and services by more than \$880 million and created more than 7,700 secondary jobs statewide.

- Projected spending for FY2005 through FY2014 could total almost \$5.6 billion. More than 91,000 jobs would be created statewide, and virtually all industries, including some of the state's key manufacturing industries, would benefit from this spending.
- BNL invites industry to develop and market the inventions it has patented. Of the 162 inventions in BSA's patent portfolio over the last 15 years, 96 were licensed and 63 were commercialized in industries that will help NYS form a growing technology base.

For more details on the report, see www.bnl.gov/bnlweb/pubaf/pr/PR_display.asp?prID=06-05. For a printed copy, call Ext. 2397. — Diane Greenberg

Update: BNL's Economic Impact: FY05

BNL's Procurement & Property Management Division reports the Lab's commitment to spending locally continued in FY05. E.W. Howell Co., Inc., of Woodbury, Long Island, was the top vendor in FY05, winning contracts valued at more than \$51.4 million for

construction on two projects: the \$81-million (projected) CFN and the \$12.6-million Research Support Building.

Total expenditures in FY05 amounted to \$465 million, of which \$280 million was spent on employees' salaries, wages, and fringe benefits. Since most

employees live locally, the majority of those funds were spent on Long Island. The Lab contracted to purchase over \$45.7 million in supplies and services from New York State businesses in FY05, about \$37.4 million of that amount being allocated for Long Island businesses. — D.G.

New Direction for Hydrogen Atom Transfers

**Reverse reaction offers new way to break carbon-hydrogen bonds —
First step for reactions involving hydrocarbons**

In the annals of chemistry, there are many examples of hydrogen atoms moving from metals to carbon atoms. But no one has ever directly observed the reverse reaction — hydrogen atoms moving from carbon to a metal — until now. Using lasers and time-resolved infrared spectroscopy, BNL scientists have captured the bond-breaking and making action. They describe their work in the *Journal of the American Chemical Society*, 2005, 127, 15684.

While the specific reac-

tion the scientists studied was chosen primarily to address fundamental questions of chemical reaction mechanisms, it does demonstrate a new way of breaking carbon-hydrogen bonds — the first step in converting hydrocarbons into higher-value chemicals or fuels.

"Improving our understanding of these fundamental reactions will help us evaluate the feasibility of using such reactions in applications that might have practical utility," said Morris Bullock of the Chemis-

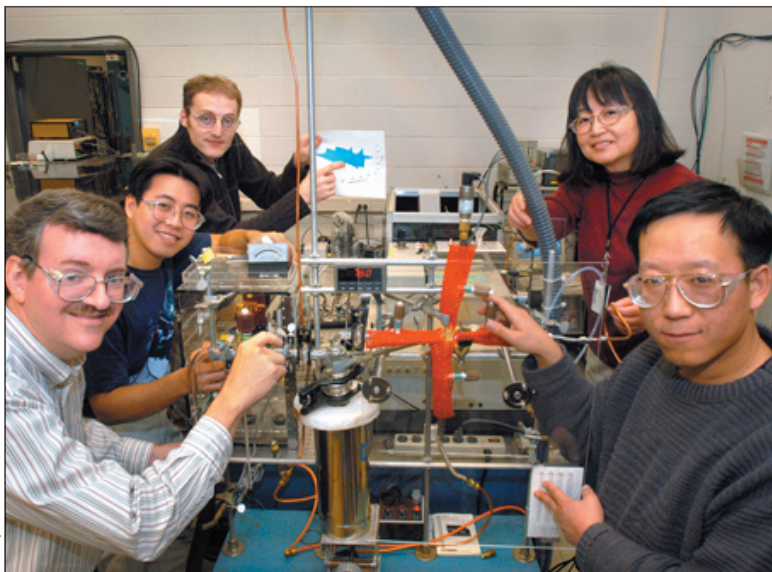
try Department, who leads the research team, which was funded by the Office of Basic Energy Sciences within DOE's Office of Science, and by BNL's Laboratory Directed Research & Development (LDRD) program.

"The project involved a group of scientists, each with his or her own individual expertise, and could not have been successful without the contributions of each person," Bullock said.

For many years, chemists have studied a variety of differ

(continued on page 2)

Joseph Rubino 03/10/06



(Clockwise from left) Morris Bullock, Kuo-Wei (Andy) Huang, David Grills, Etsuko Fujita and Jie Zhang. The hydrogen atom transfer project, led by Bullock, was initiated through LDRD funding for Zhang, a postdoctoral fellow conducting research in Bullock's laboratory. Zhang devised new synthetic methods for the osmium complexes and showed that they had the desired photochemical reactivity. Grills, who works with Fujita, carried out the measurements using laser flash photolysis and the step-scan infrared spectrometer in Fujita's lab. Huang, a Goldhaber Fellow working with Fujita, performed computations to help the team interpret the data.

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 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 (Rec. Hall) is located in the apartment area.
- Contact names are provided for most events for more information.
- Calendar events flagged with an asterisk (*) have an accompanying story in this week's Bulletin.

— EACH WEEK —

Weekdays: Free English for Speakers Of Other Languages Classes

Beginner, Intermediate, 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 & Wednesdays: Pilates

Mondays at noon, Wednesdays at 5:30 p.m., both in Rec. Hall. 9-week session, \$60 for once a week, \$70 for twice a week. Registration is required. Christine Carter, Ext. 5090.

Mondays & Thursdays: Kickboxing

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

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

Noon-1 p.m., Brookhaven Center North Rm. Adam Rusek, Ext. 5830, rusek@bnl.gov.

Tues. & Thurs: Aerobics

5:15-6:30 p.m., Rec. Hall. 10 classes for \$40, or \$5 per class, pay as you go. Pat Flood, Ext. 7866.

Tues. & Thurs: Aqua Aerobics

5:15-6:15 p.m. \$20 to attend once a week, \$40 to attend twice a week. For more information, call Ext. 2873.

Tues. & Thurs: Jazzercise

Noon-1 p.m., Rec. Hall. \$88 for twice-a-week eight-week session, you may use the membership at several Jazzercise locations. Christine, Ext. 5090.

Tues. & Thurs.: Ving Tsun Kung Fu

Noon-1 p.m., Brookhaven Center, North Room. \$80/month or \$10 per class, pay as you go. Taught by Master William Moy. Scott Bradley, Ext. 5745 or bradley@bnl.gov.

Tue., Thu. & Fri: Upton Nursery School

8:30 a.m.-noon, Rec. Hall. 2- and 3-day programs available. Kati, 821-4131.

Tuesdays: Welcome Coffee

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

Tuesdays: BNL Music Club

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

Tuesdays: Jiu Jitsu Club

6:30-7:30 p.m. 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/toastmntrs/.

Tues., Wed. & Thurs: Rec Hall Activities

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

Wednesdays: On-Site Play Group

10 a.m.-noon. Rec. Hall. An infant/toddler drop-in event. Parents meet while children play. Fang Dong, 871-5362.

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.

Wednesdays: Ballroom Dance Class

\$30/pers./6-weeks. Brookhaven Center, N. Ballroom. Beginner rumba, 6 p.m., adv. foxtrot, 7 p.m. Instructor: Giny Rae. John Millener, Ext. 3853; Madeline Windsor, Ext. 5069.

Thursdays: Reiki Healing Class

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

Fridays: Family Swim Night

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

Fridays: BNL Social & Cultural Club

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

Three 2006 Intel Semifinalists Participated in Research at BNL

At least three students who participated in research at BNL have been named semifinalists in the 2006 Intel Science Talent Search (Intel STS), the country's oldest and most prestigious pre-college science competition. Michael Dawson-Haggerty and Stephen Ko, both students at Ward Melville High School in East Setauket, and Josh Seidmann, who attends Wellington C. Mepham High School in Bellmore, are among 300 semifinalists who will receive \$1,000 each, with a matching amount going to their schools.

Michael Dawson-Haggerty, the son of Sally Dawson, Physics Department Chair, and John Haggerty, Physics, worked for Paul Stankus, a physicist at Oak Ridge National Laboratory (ORNL) who works on the PHENIX experiment at RHIC. His project, "A Novel Method for the Analysis and Detection of Lensing Masses in a Galaxy Field," was inspired by the developing collaboration on the Large Synoptic Survey Telescope (LSST) in which BNL and ORNL physicists are participating. Stankus worked with Dawson-Haggerty to develop and analyze simulations of gravitationally lensed galaxies.

Stephen Ko worked with Roy Lacey, a professor of nuclear chemistry at Stony Brook University (SBU), on a research project entitled "Modifications to Jet Properties in a Strongly Interacting Quark Gluon Plasma." Lacey is a collaborator on the PHENIX experiment at RHIC, which has recently published evidence for such a strongly interacting plasma.

Pick a Summer Student

Student applications for the summer 2006 undergraduate science internship programs sponsored by DOE's Office of Workforce Development for Teachers & Scientists are now available for review on an electronic database. Contact Kathy Gurski of the Office of Educational Programs (OEP) at Ext. 4503 or gurski@bnl.gov for the database address and passwords.

Selections for the first round choices must be submitted by February 28. Students will be here for ten weeks, from June 5 to August 11. Stipends, housing, and travel are funded through OEP with a \$1,000 cost share requested from the hosting department. See www.bnl.gov/scied/ for more information.

401(k) Maximum Contribution Increased

The Internal Revenue Service has increased the amount of money that BNLers may contribute to the BSA 401(k) plan. Beginning January 1, 2006, BNLers may contribute up to \$15,000 per year to the plan.

Also, those who want to take advantage of the catch-up provision may contribute an additional \$5,000 during calendar year 2006. The catch-up provision is available to plan participants who are, or will be, age 50 or older during the calendar year. (The limits for 2005 were \$14,000 and \$4,000 for the catch-up provision.)

BNLers should review their current level of contributions and determine if they want to make changes in order to take advantage of the new limits. Remember that by setting aside money in the 401(k) plan on a pre-tax basis, you are lowering the amount of State and Federal taxes that you will pay.

To make a change to your 401(k) election, complete a "BSA 401(k) Plan Agreement for Salary Reduction" form (available at www.bnl.gov/HR/Benefits/retirement.asp) and return the completed form to Payroll, Bldg. 134J. For more information on the 401(k) plan, contact Joyce Wund, Ext. 7516.

Podiatry Screening, Consultation, 2/16, 3/17

Sponsored by the Human Resources and Occupational Medicine Division's Health Promotion Program, a podiatry screening and consultation service will be available to eligible BNL employees on Thursday, February 16, and Friday, March 17, from 10 a.m. to 1 p.m., in the Occupational Medicine Clinic, Bldg. 490.

A 3-D computerized scanner will be available, as will information on 'shockwave therapy' for heel pain and the latest treatments for chronic plantar warts and nail fungus. This free service is provided by Ben Dimichino, DPM, and Brian Fanno, DPM, of Comprehensive Podiatry Associates, P.C. Space is limited. For an appointment, contact Michael Thorn, mthorn@bnl.gov or Ext. 8612.

Lacey and Wolf Holtzmann, an SBU graduate student, advised Ko on his project.

Josh Seidmann's project, entitled "Search for Cosmic Ray Induced Lightning Strokes," was to search for a relationship between lightning and cosmic ray activity using bits and pieces of MARIACHI, a BNL-sponsored research project seeking the detection and study of extreme energy cosmic rays, with active participation from physics teachers and students. With the assistance of his high school physics teacher, William Leacock, Seidmann built an electric field monitor and a high impedance amplifier with parts including two salad bowls. Data analysis was also part of his work.

This year's Intel STS semifinalists were chosen from 1,558 entrants representing 486 high schools in 44 states, the District of Columbia, Puerto Rico, the U.S. Virgin Islands and an overseas school. Their research projects focused on many scientific fields including biochemistry, chemistry, physics, mathematics, engineering, behavioral science and medicine and health. Entrants ranged in age from 15 to 18. The contest is sponsored and funded by Intel Corp., a manufacturer of computer chips.

The Bulletin goes to press on January 25, early on the day that the 40 finalists are to be announced. They will compete in Washington, D.C. in mid-March for top prizes, including a \$100,000 first-place award. For more information, visit the Intel Science Talent Search at www.sciserv.org/sts/. — Kay Cordtz

Hydrogen Atom Transfers

(cont'd)

ent types of metal complexes to find those that can break carbon-hydrogen bonds, and have succeeded in finding several that can accomplish such reactions. Some of the most carefully studied examples form bonds from the metal to carbon and to hydrogen at the same time through the interaction of a hydrocarbon molecule with a metal complex that can make additional bonds. But the Brookhaven team designed a system to remove a hydrogen atom from the hydrocarbon directly.

New Type of Reaction

The scientists started out with a metal complex containing two linked atoms of osmium, a metal known to form strong chemical bonds, in a solution containing a hydrocarbon with a weak carbon-hydrogen bond (1,4-cyclohexadiene). By shining laser light on the metal complex, they were able to break the bond between the two osmium atoms, resulting in a new, highly reactive osmium complex with a vacant bonding site. The osmium atom in this complex was then free to "grab" a hydrogen atom from the nearby hydrocarbon, breaking its bond to a carbon atom and forming a new

osmium-hydrogen bond.

"The technique is called laser flash photolysis, and we observe the reaction using time-resolved infrared spectroscopy," Bullock said. Each chemical has a unique spectroscopic signature, or fingerprint, depending on the wavelengths of energy it absorbs, he explained. As the reaction proceeds, the scientists take measurements on a microsecond time scale. By observing how the spectroscopic signatures of the osmium complexes change, they can track the movement of individual atoms in the reaction.

The scientists intentionally designed these initial studies to cleave a relatively weak carbon-hydrogen bond, and their studies show that this reaction occurs with a fast rate. In ongoing research, one of their goals is to try to get related reactions to occur with stronger carbon-hydrogen bonds and to see how the rate changes as the bond that is broken becomes stronger.

The team is also trying other metal complexes that form weaker metal-hydrogen bonds, to see what the limits are when such reactions are still favorable enough to be observed.

— Karen McNulty Walsh

In Memoriam

Kathryn Le Peer, a telephone operator trainee who joined BNL's Plant Maintenance on June 1, 1960, and retired from the Staff Services Division on May 31, 1985, died at 79, on April 9, 2004.

Thomas Haycock, who came to join BNL's Department of Nuclear Energy on October 23, 1978, as a chemical engineer, and retired on October 31, 1981, died on May 18, 2004, at age 85.

Celia Wilbur, who joined the Purchasing Division as a clerk B on March 16, 1964, and left the Division as a secretary on December 11, 1975, died on June 9, 2004. She was 89.

Sylvia Murray, who became a clerk C in the Purchasing Division on March 11, 1964, and left as an office services assistant on November 13, 1977, died on July 22, 2004. She was 76.

William Trent, who came to the Lab on November 19, 1973, as a technician II and who, after participating in an apprentice program run by the Personnel Division 1975-79, became a Central Shops Division tool & instrument maker, died at age 59 on August 16, 2005. He left BNL on June 9, 1989.

Doris Pion, who joined Fiscal Services as a clerk A on April 25, 1966, and retired from the Medical Department as an executive secretary on May 3, 1985, died at age 83 on July 25, 2005.

William Sieger, who joined the Alternating Gradient Synchrotron Department on December 17, 1962, as an intermediate technician, retiring on November 30, 1993, as a senior technical specialist, died on August 31, 2005, at 66 years old.

Arnold Esper, who joined BNL as a junior technician in the Alternating Gradient Synchrotron Department on May 15, 1961, and left as a technical associate I on December 31, 2002, died at the age of 63 on September 4, 2005.

Financial Assistance Workshop, 3/13
'Tax Assistance for Visiting Foreign Nationals'

A "Tax Assistance for Visiting Foreign Nationals" workshop will be presented by Mark Israel, BNL Financial Officer; and Deborah Johnson, BNL's Director of Internal Audit and Oversight, on Monday, March 13, at noon in Berkner Hall, Room B. To register, contact the Recreation Office, Ext. 2873.

Baby,
It Was Cold Outside

During the cold snap before the holidays, Joseph Rubino of Photography saw this BNLer with a sense of humor who had just entered Berkner Hall lobby as the rotating video on the wall showed a cozy fire. Since January was warm, no such innovative heating aids have been needed — but what of February? Some BNLers may wish to try cutting out this photo and keeping it near their gloves.



‘Fiona’s Atlantic Adventure’
Latest Eric Forsyth Saga, 2/14

All are invited to view the latest video made by retiree Eric Forsyth, who sailed the Atlantic aboard his 42-ft sloop, *Fiona*, in a voyage of 22,000 nautical miles, from June 2004 to May 2005. Forsyth will show the one hour, six minutes video, “*Fiona’s Atlantic Adventure*,” at noon on Tuesday, February 14, in Berkner Hall.

As viewers will see, after leaving Long Island, Forsyth sailed to Canada and crossed the Atlantic to Ireland. From there, he sailed to Scotland, transited the Caledonian Canal to the North Sea and entered the Baltic. After a month of cruising he sailed to England via the Kiel Canal. Crossing the Bay of Biscay on the way to Portugal the boat encountered heavy weather that necessitated a two-week stopover in Lisbon for repairs. A stop in the Canary Islands followed before

he re-crossed the Atlantic to Brazil and then sailed south to the Falkland Islands. Injury prevented a planned visit to Antarctica and he returned to New York via Uruguay, Brazil and the Caribbean.

Forsyth joined BNL in 1960, working at the Alternating Gradient Synchrotron. From 1986 to 1990 he chaired the Accelerator Development Department, and he retired in 1995. He has sailed extensively, including crossing the Atlantic 14 times, rounding Cape Horn three times, and sailing twice around the world. In 2000, the Cruising Club of America awarded Forsyth the Blue Water Medal, given annually for “a most meritorious example of seamanship, the recipient to be selected among amateurs of all nations.” Forsyth was honored especially for his voyage to Antarctica on *Fiona*: 21,784 miles in ten months.



Dietician Amy Shapiro Talks on Diabetes, 2/9

All are welcome at a noon talk on “Diabetes — the Basics You Need to Know,” by registered dietician and diabetes educator Amy Shapiro, in Berkner Hall, Room B, on February 9. Register for the talk by completing the form sent to each employee and returning it to Michael Thorn, Bldg. 490, or e-mail mthorn@bnl.gov.

Pilates Classes Start, 1/30

Pilates classes will be held for an eight-week session from Monday, January 30, to Monday, March 27. Classes will be given twice a week in the Recreation Hall, on Mondays at noon and on Wednesdays at 5:30 p.m. The cost to attend once a week is \$60; twice a week is \$70. To register, make a check payable to BERA and send it to Recreation, Bldg. 179B, or call Ext. 2873.

Valentine’s Dance Party, 2/12

The Hospitality Committee invites visitors, guests and their families to a Valentine’s Dance & Soup party on Sunday, February 12 at 5 p.m. in the Recreation Hall, Bldg. 317. A variety of home-made soups, bread, and desserts, will be supplied by the Committee. Bring a dish to share with six people. A DJ will provide music from the 1950s to present. Come and enjoy! For more information call Lisa Yang, 878-3937 or lisayang@optonline.net.

Adult Swimming Lessons, 3/1-4/19

BERA has arranged for adult swimming lessons to be offered at the BNL pool. Each adult will be scheduled for one lesson a week on Wednesdays, between 5:30-6:30 p.m., for eight weeks, March 1 to April 19, with no make-up classes. The class is open to employees, those with visitor or guest appointments, facility users, retirees, and their immediate family members who are at least 17 years of age. The fee is \$80 — send a check made out to BERA by February 24. Registration forms are at BERA Store, Ext. 3347 or at www.bnl.gov/bera/. Call Sue Dwyer, Ext. 3147 or 3496, Monday-Thursday, 4:30-8:30 p.m. or Christine Carter, Ext. 5090, for more information.

BNL Shopping Shuttle

The Shopping Shuttle is a free shuttle bus that makes multiple trips between BNL and the Southport Shopping Center. Sunrise Coach Lines operates this courtesy shuttle, which is sponsored by BSA, on Saturdays and Wednesdays, as follows:

Saturdays 8:30 a.m.–noon
8:30 a.m. Fleming House, Bldg. 180
8:35 a.m. Curie House, Bldg. 258
8:45 a.m. Children’s Outdoor Shelter (Lollipop House)
8:50 a.m. Efficiency Apartments 41-42
Noon Depart Waldbaum’s for final return to BNL.
Wednesdays 5–8:30 p.m.
5 p.m. Fleming House, Building 180
5:05 p.m. Curie House, Building 258
5:15 p.m. Children’s Outdoor Shelter (Lollipop House)
5:20 p.m. Efficiency Apartments 41-42
8:30 p.m. Depart Waldbaum’s for final return to BNL.

Get a PerksCard For Discounts

The PerksCard discount program is available free to all BNL employees, retirees, and their families. To learn more, or to obtain a free PerksCard, go to www.bnl.gov/bera/recreation/discounts.asp. The card code is BNLS. Pick up a card at the RHIC or NSLS Users’ Office, the BERA Store, or the Recreation Office, Bldg. 197.

Arrivals & Departures

— Arrivals —

Haiyan Chen..... Chemistry
Kahille Dorsinuil..... CEGPA
Ralph Rinello HR/OM
Rajiv TyagiBiology

— Departures —

Michael BeckerBiology
Yufeng Hu..... CMP & Mat. Sci.
Stefan Kretzer Physics
Scott Spencer Plant Eng.
Julia Yang Director’s Office

Camera Club, 2/1

The Camera Club has moved into the digital age, and all are invited to the next meeting, at noon on Wednesday, February 1, in Berkner Hall, Room C, when the subjects to be discussed will include: a field trip to New York City, and the digital industry. Meet other BNLees with similar interests. For more information, contact Ripp Bowman, Ext. 4672.

Lifeguard Training

American Red Cross Lifeguard training will be offered at BNL, February 12-April 2. Participants must be at least 15 years old and must pass a pre-qualifying test on February 5. Application forms are available at www.bnl.gov/bera/recreation/fitness.asp. or call Ext. 2873.

Volleyball Standings

as of 1/20

— Open League A —

UCB Roof Co..... 39 - 11
Volley Lama 29 - 21
EZ Pass..... 27 - 28
Far Side..... 10 - 45

— Open League B —

Shankadelic..... 23 - 7
Easy Spikers 23 - 7
Late Entry 20 - 13
What Ball, Where? 15 - 15
PHENIX Fire..... 10 - 17
Setting Ducks 10 - 20
Up-Setters 4 - 26

— Mixed League 2 —

Ball Hogs 21 - 12
Nuts and Bolts 19 - 14
New Blood 18 - 15
Another Round 17 - 16
Court Jesters 15 - 18
Goodtimers 9 - 24

— Mixed League 3 —

Last Minute 31 - 5
Upton Ups 24 - 12
Newbies..... 14 - 22
Volley of the Dolls..... 3 - 33

Defensive Driving, 2/4

The next six-hour defensive driving course will be offered on Saturday, February 4, 9 a.m.-3:30 p.m., in Berkner Hall. At \$30 per person, the course is open to BNL, BSA and DOE employees, BNL facility-users and other guests, and their families. Additional classes have been scheduled on March 4, April 8, and June 10. To register, send a check made out to: NYSTA, in care of Don Kelley, P.O. Box 185, Selden, NY 11784. Include your phone number and the class date on the check.

Rent-A-Car On Site

Rent vehicles at discounted rates for business or personal use at Enterprise Rent-A-Car, on site at Bldg. 355, 50 Brookhaven Avenue. Stop in at Bldg. 355, or call Ext. 4888 or 4889 or visit www.enterprise.com.

Enjoy BERA Trips, More

To buy tickets for the following trips, drop in at the BERA Store in Berkner Hall, open weekdays, 9 a.m. -3 p.m., Ext. 3347. Learn more about BERA events and trips at www.bnl.gov/bera.

Bill Cosby - in person at the Tilles Center, on Long Island, Saturday, March 25. \$45 per person. Leave BNL at 3:30 p.m. for the 5 p.m. show; leave after the show at about 7 p.m.

Don Giovanni - New York City Opera Company, Sunday, March 26. \$80, orchestra seats. Leave BNL, 9:15 a.m., depart the city, 5 p.m.

Cabela’s, Pennsylvania - Saturday, April 1. The *ultimate* in outdoor sporting goods! \$20 per person for a mini coach ride leaving BNL at 7 a.m. and departing Pennsylvania at 5 p.m.

Top of the Rock Observatory - Saturday, April 22. Enjoy stunning views of New York City and a free day to enjoy Manhattan. \$20 per person includes reserved tickets at the Top of the Rock, and luxury coach.

Brooklyn Botanical Garden - Cherry Blossom Festival on Saturday, April 29. \$10 per person. Two buses will leave BNL at 8 a.m., leaving the Garden at 4 p.m.

Ringling Brothers & Barnum & Bailey Circus - at Madison Square Garden. Tentatively scheduled for April 8.

Also: Sign up now for Pilates, Life Guard Certification, Tax Workshop for Foreign Nationals, new safety orientations and work out assistance in the Weight Room — and it’s not too late to sign up for the BERA Royal Caribbean Cruise for nine nights in October!

TIAA-CREF One-on-One Retirement Counseling

A TIAA-CREF consultant will visit BNL on Tuesday, February 7; Monday, February 13; and Tuesday, February 28, to answer employees’ questions about financial matters.

The consultant will help you: understand the importance of protecting your assets against inflation, find the right allocation mix for you, learn about TIAA-CREF retirement income flexibility, and compare lifetime income vs. cash withdrawal options. For an appointment, call Kathy Murphy, (866) 842-2053, Ext. 4625.

CALENDAR

(CONTINUED)

— WEEK OF 2/6 —

Thursday, 2/9

Diabetes Talk by Amy Shapiro

Noon. Berkner Hall, Room B. All are welcome at a talk on “Diabetes — the Basics You Need to Know,” to be given by registered dietician and diabetes educator Amy Shapiro. Register before attending by returning the form in your mailbox to Michael Thorn, Bldg. 490, or e-mail mthorn@bnl.gov.

Saturday, 2/11

Bus to Museum of Natural History

8:30 a.m. Brookhaven Center. Sponsored by BERA, the luxury bus leaves the Lab for the Museum in New York City, and leaves the Museum at 5 p.m. for return to Lab. Tickets include all, are \$25 for adults and children. Buy tickets at the BERA Store.

Sunday, 2/12

Valentine’s Dance & Soup Party

5 p.m. Recreation Hall in the apartment area. Visitors, guests and their families are cordially invited by the Hospitality Committee to come to a Valentine’s Dance and Soup Party. Soup, bread, and dessert will be provided: bring a dish to share with six other people. A DJ will play music from the 50s to the present. Lisa Yang, 878-3937 or lisayang@optonline.net.

— WEEK OF 2/13 —

Tuesday, 2/14

Eric Forsyth Atlantic Voyage

Noon. Berkner Hall. All are invited to the free showing of “*Fiona’s Atlantic Adventure*.” See notice at left.

Wednesday, 2/15

BSA Noon Recital — Trio Cento

Noon. Berkner Hall. All are welcome to the performance of the Trio Cento, sponsored by BSA. The recital features local prizewinning harpist Ruth Bennett, who joins with flute and viola in a varied selection of works for these instruments, including music by Debussy, Natra, and Piazzola. BSA recitals are free and open to the public. Visitors to the Lab of 16 and over must carry a photo ID.

412th Brookhaven Lecture

4 p.m. Berkner Hall. Peter Vannier of the Nonproliferation & National Security Department will talk about a coded aperture thermal neutron imaging project. All are welcome to this free public lecture. Visitors to the Lab of 16 and over must carry a photo ID.

— WEEK OF 1/20 —

Monday, 2/20

Presidents’ Day Holiday

The Lab will be closed in honor of the Presidents’ Day holiday. No Bulletin will be printed on Friday, February 24.

Saturday, 2/25

Gathering of the Slides IV Concert

7:30 p.m. Berkner Hall. “The Gathering of the Slides IV,” a blues concert featuring the Kerry Kearney Band, the Kane Daily Band, and Dee Harris, will be sponsored by the BNL Music Club. Back at BNL for a fourth year by popular demand, the Kerry Kearney musicians bring down the house with their high-energy sound. Tickets cost \$15 each. Buy tickets at the BERA Store in Berkner Hall, from ticketweb.com, or at the door if there is still room. See also notice, page 4.

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 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/.

OPEN RECRUITMENT – Opportunities for Laboratory employees and outside candidates.

MK3575. SCIENTIFIC STAFF POSITION - DIRECTOR OF RHIC/US ATLAS COMPUTING FACILITY - The RHIC Computing Facility and the US ATLAS Tier 1 Center are co-located and co-operated in the Physics Department at Brookhaven National Laboratory. This joint facility is responsible for supplying computing support to the RHIC experiments at BNL and to US participation in the ATLAS experiment at the CERN LHC. The facility is committed to using Grid computing technology to making its resources available and is one of the lead institutional participants in the Open Science Grid. Responsibilities of this position include establishing organizational structures, approving the hiring of all staff, translating institutional, agency, and user requirements into specific technical and managerial goals, overseeing planning processes directed toward accomplishing those goals, and representing the facility and its interests in a wide range of venues. Brookhaven seeks a leader in the field of scientific computing. Qualified candidates must have an in-depth grasp of modern high performance computing technology and the experimental nuclear and particle physics mission to which it is being applied. They must have demonstrated organizational, managerial, and leadership skills in the context of a major scientific/technical project. A Ph.D. is required, along with significant relevant experience. Under the direction of S. Dawson, Physics Department.

MK3749. POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. within the past four years in nuclear chemistry, separations chemistry, radiochemistry, or nuclear science. Experience is highly desirable in a variety of experimental techniques, such as nuclear detection methods, preparation and handling of radioactive samples, and chemical separations and characterization of metal-organic complexes in organic and aqueous media. Position is in the Solar Neutrino–Nuclear Chemistry Group. The group's main research focus is the study of neutrino oscillation and neutrino mass. Currently the Group (1) is in the collaboration that successfully operates the Sudbury Neutrino Observatory (SNO), using a Water Cherenkov Detector in a deep mine in Ontario, Canada, and (2) has joined new collaborations to develop and build Metal-Loaded Organic-Liquid Scintillators to detect (a) 2-5 MeV antineutrinos emitted from nuclear power reactors, and (b) ~1-MeV neutrinos emitted by the Sun. Under the direction of R. Hahn, Chemistry Department.

MK3645. POSTDOCTORAL RESEARCH ASSOCIATE – Requires a Ph.D. in experimental condensed matter physics or related field. Experience in x-ray or neutron scattering and strongly correlated electron systems is highly desirable. Will participate in a research program on charge inhomogeneities in strongly correlated systems, including bulk, interface and nanoscaled systems. Under the direction of J. Hill, Condensed Matter Physics & Materials Science Department.

MK2930. POSTDOCTORAL RESEARCH ASSOCIATE – Requires a Ph.D. in atmospheric science or related field and experience in large eddy simulations (LESs) and/or cloud resolving models (CRMs). Familiarity with parameterizations of cloud microphysics, turbulence and radiation is highly desirable, as is experience in data analysis (in situ and remote sensing). Will conduct numerical investigation of aerosol-cloud interactions and indirect aerosol effects using LES and/or CRM models, and implement and test new microphysics parameterizations developed for such models. Will work closely with a team of six investigators encompassing a range of expertise including aerosol/cloud physics, aerosol chemistry, and remote sensing. Under the direction of Y. Liu, Environmental Sciences Department.

MK2931. POSTDOCTORAL RESEARCH ASSOCIATE – Requires a Ph.D. in environmental engineering or closely related field, experience in aerosol microphysics measurements, and skills relevant to the

construction and deployment of new instrumentation. Experience with aircraft-based measurements is desirable. Will participate in the development and deployment of a new Fast Integrated Aerosol Mobility Spectrometer and an Aerosol Hygroscopicity Spectrometer for use in aircraft-based field studies focusing on aerosol climate effects. Under the direction of J. Wang, Environmental Sciences Department.

MK3978. LICENSING ASSOCIATE (A-9) – Requires at least an MS in chemistry, materials science, or related field, preferably with experience in nanotechnology, and at least eight years' related experience, including at least three years' experience in intellectual property licensing. Excellent analytical, market research, negotiating, and communication skills are also required. In addition, requires technical and intellectual property licensing experience in the fields of nanomaterials and materials science. Will be responsible for continuous interaction with research staff in the fields of nanomaterials and materials science to identify research capabilities and interests and new inventions; for conducting market evaluations of invention disclosures in fields related to materials and nanomaterials synthesis, characterization, and use; for developing business analyses for potential technology commercialization projects with industry in these fields; for identifying potential licensees for nanomaterials or materials science intellectual properties; and for negotiating the intellectual property license agreements covering such technologies. Office of Intellectual Property & Sponsored Research.

NS3444. TELECOMMUNICATIONS SYSTEMS MANAGER/MANAGER I (I-10) - Requires a bachelor's degree in telecommunications or related discipline, or related experience; 15+ years experience managing complex telecommunications environments; excellent customer service skills; extensive experience with PBX –VM - IVR systems, preferably Siemens/Octel; extensive experience commissioning and supporting; copper/fiber, frame services; experience with fundamental networking- LAN, ISDN, wireless services; self-driven and motivated by providing high-quality service; strong written and verbal communications skills; experience with cable plants, wiring/cabling; experience in supporting telecom services- local/long distance voice, data services including ISDN, PRI, BRI, T1, DDS, OSNA/Lease Line, frame relay; experience in negotiating and managing large telecommunications contracts and maintaining partnerships with key vendors and service providers; ACD experience; excellent computer skills and demonstrated leadership or organizational and project management experience. Reporting to the Manager of Network Services, will be responsible for the planning, design, implementation, and operation of all Laboratory telecommunications systems and services. Primary duties also include project management, budgeting and cost control, resource planning, maintaining service quality, and leadership of BNL employees and contractors. Information Technology Division.

NS3443. MANAGER II (I-11) - COMPUTER PROTECTION PROGRAM MANAGER (reposting) – Requires a bachelor's degree or higher in computer science or engineering, with an emphasis in operating systems or computer security, or equivalent combination of education and experience. Requires 12 years' relevant experience that should include experience in managing cyber protection in a large multi-platform networked environment. Experience in creating substantive computer and network security policies, plans and assurance documents is necessary, as is demonstrated ability to manage a technically advanced staff of IT professionals. Experience in project management, excellent interpersonal and written communication skills required; familiarity with current Government and DOE unclassified cyber security policy and certification in information systems security desirable. Will manage the BNL Cyber Security Program; design the BNL cyber protection strategy and oversee security projects and initiatives. Information Technology Division.

Motor Vehicles & Supplies

04 CROSSROADS CRUISER - 30' trailer, dbl. slide, qu. br, lg. bath, bunks, storage, excel., used only 5 times \$21,500/neg. 924-0139.

03 CROSSROADS CRUISER 5TH WHEEL - single slide out, 2 bdrms., 1 w/bunks, loaded, must sell. \$22,000/neg. 874-0404.

01 PONTIAC AZTEC - 6cyl., 4dr., a/t w/tract ctrl., p/w, p/s, p/l, c/c, abs, runs well, needs work. \$1000 obo. 80K mi. Angela, Ext. 7397.

01 SUBARU LEGACY L WAGON - blue, 4cyl, a/t, awd, abs, good cond. 68K mi. \$9,000/neg. Peter, Ext. 5636.

00 HONDA CIVIC LX - dr., a/t, a/c, c/c, p/l, cd player, new exhaust, orig. owner, well maint. 83K mi. \$8,200/neg. 516-322-2465.

00 HONDA ACCORD - black, 2dr, 6cyl, a/t, a/c, all pwr., new Alpine cd, alarm, rem. start, excel. 72K mi. \$12,500/neg. 347-728-8300.

00 HONDA CIVIC - LX, 4dr., a/t, a/c, c/c, p/l, cd player, new exhaust, orig. owner, well maint. 83K mi. \$8,200/neg. 516-322-2465.

99 DODGE DURANGO - a/t, 4wd, 8cyl., c/c, a/c, p/l, p/w, cd, ttd. wndws, 3rd seat, cloth int. 75K mi. \$8,500/neg. 874-0404.

97 NISSAN QUEST GXE - abs, rear air, roof rack, 6cyl., good cond., hwy. miles. 138K mi. \$3,900/neg. Ext. 3202 or 790-3377.

95 MITSUBISHI ECLIPSE RS - 2dr., cd, a/t, a/c, new tmg belt, batt., tires. 167K mi. \$1,650/ neg. 925-586-3089 or AYGarnov@bnl.gov.

94 DODGE CARAVAN - 6cyl., a/t, a/c, am/ fm, 20 mpg city. 150K mi. \$950/neg. Michael, Ext. 5891 or 838-7019.

90 TOYOTA CAMRY - 4dr, a/c, a/t, am/fm, new tires, brakes, gd cond. 97K mi. \$1,200/ neg. Zhang, Ext. 4353 or jzhang@bnl.gov.

90 ACURA INTEGRA - 4cyl, 4dr, 5spd, a/c, new batt., axels, mas-cyl., p/b, p/l, p/s, p/w, T/ B-W/P rpid 174K mi. \$799/neg. 680-2668.

86 FORD 5.0 MUSTANG - pristine cond. accident victim, hit on right quarter & bumper. 60K mi. Joseph, Ext. 3783 or 929-8321.

69 CHEVROLET CORVETTE - blue, a/c, a/t, 350, T-tops, am/fm/cd, mech. excel., gd body, runs well. \$18,000/neg. 325-9671.

CARGO CARRIER - hitch mounted, platform type w/wood slat sides. \$75. Ext. 7277.

RIMS & TIRES - set of 4 for 2002 GMC, rims like new, 2 tires 70% wear left & other 2 30% left, \$135. Roy, Ext. 6392.

TOOL BOX - Husky, stainless steel diamond plate for FS pickup, used 1 yr., cost \$250, ask \$125. Ext. 5483.

Boats & Marine Supplies

GPS 300 - Magellan hand-held GPS 300, in box, never used. \$100 obo. Ext. 7277.

Furnishings & Appliances

ASSORTED - qu. sleeper couch, neutral; man's armoire & dresser w/mirror hutch; dining table, end tables, pics avail. 909-1498.

BABY ITEMS - Pottery Barn changing table, Gracco swing & bassinet, Boucy Seat, Evenflow Exersaucer, Jogger. 258-4607.

BEDROOM FURNITURE - girl's wh. oak desk w/hutch \$250; mtchg. head brd. \$100. Pics. avail. Tom, Ext. 3085 or 744-4535.

BEDROOM SET - queen, both lighted headbrd. & dresser w/armoire, nightstand, pine, \$300; wood entertainmt. ctr. \$50. 345-0789.

COUCH - black, leather. \$300. Ext. 2305.

CURIO CABINET - great cond., 3-sided glass, 2 sides are on an angle, light brown wood finish. \$60. Steve, 758-7002.

DESK - small, hardwood w/1 drawer, excel. cond. \$35. 382 7386.

DINING SET - corner hutch, rectangle table, seats 12, \$1,200; Clayton Marcus sofa w/ match. chair, excel. cond. \$750. 345-0789.

DINING ROOM SET - drop-leaf table, 4 chairs, china cabinet, buffet, solid oak & chrome, pics avail., make offer. 473-2716.

DINING TABLE & CHINA CABINET - Thomasville w/2 leaves, 6 chairs & china cabinet w/hutch, like new. \$800. 382-7386.

FLOOR LAMP - brass w/lamp shade, pics. avail. \$20. Tom, Ext. 3085 or 744-4535.

LOUNGE CHAIR - interior, ideal for disabled/elderly, seat pivots, allows ease of seating, no cush. \$100 neg. Ext. 3131.

SOFA COVER - lg., blue denim, like new. \$45. Sue, Ext. 7235 or 399-7997.

WALL UNIT - 3-pc., hardwood w/light fixtures, glass shelves and storage cabinets, like new. \$400. 382 7386.

Audio, Video & Computers

COMPUTER SYST - PIII 1GHz, 256MB ram, 17GB hdd, TV tuner, dvd, cdrw. \$150/PC only. \$250/PC w/17" mon., KB, mouse. Ext. 4620.

PRINTER INK - 2 black, 1 magenta ink tanks (for Canon BCI-3e series), photo print head w/ ink only \$15 obo. Ext. 5312.

TV ANTENNA - VHF/UHF, about 12ft assembled, photo avail. \$40 obo. Ext. 2425.

XBOX GAMES - Max Payne 2 - The Fall of Max Payne and Grand Theft Auto. \$10. ea. Donna, Ext. 2716 or 878-2425.

Sports, Hobbies & Pets

BABY JOGGER - approx. 10 yrs. old, low mileage, minor rust, blue, \$50. 774-6615.

CAT - 4yr-old indoor female tuxedo cat, black & wh., desp. needs new loving home, supplies incl. Anne, Ext. 2209 or 880-2032.

NORDIC RIDER - NordicRider exerciser by NordicTrack, \$150, pics. avail. Tom, Ext. 3085 or 744-4535.

TREADMILL - call for details, \$100. Jeanette, 289-0967.

Tools, House & Garden

SNOW BLOWER - Honda, treads, hydrlc trans., pull start, runs perfectly, you pick up, \$1,600 new, around \$500. 455-9488.

Miscellaneous

BARBIE DOLL HOUSE - 49"hx39"wx15"d, w/ furn., excel. cond., pics. avail, \$50; doll stroller, carriage, crib, \$10/ea. Ext. 2716 or 878-2425.

COAT - designer, Beehive Patchworks, one of 10 made, wool wrap, \$150, will e-mail picture. Janet, 869-5618.

DOG CAGE - lg. dog cage for a big dog, like new, \$20. Lillian, Ext. 8772.

ELECTRIC HEATERS - Honeywell basebrd. 1,000/1,500W w/t/stat; Patton Crvctn. Rm Heater 500/1,000/1,500W. \$25/ea. Ext. 3217.

Free

CATS - three 4-yr.-old house cats to a good home, neutered & spayed, all shots, w/litter boxes. Nathan, Ext. 7335 or 338-0813.

Wanted

GIG BAG/CASE - for accoustic guitar. Jay, Ext. 4994.

PICKUP TRUCK - 96 or younger w/extd. cab, 2WD, automatic. Sal, 356-3959.

SKIERS - to ski at Gore Mountain on 3/1, \$65 for bus and lift. Augie, Ext. 3884.

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 17.

Send your 15-to-20 word "love note" to The Bulletin, Bldg. 134, by Friday, February 10. 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. Or, you may e-mail your message to bulletin@bnl.gov. You must include your name and life number and extension or home phone, but your name will not be printed unless it is clearly part of the message. Copy must be deemed tasteful. All "love notes" will be accepted at The Bulletin's discretion. Only one message per employee, please.

Blues Concert, 2/25

'The Gathering of the Slides IV'

"The Gathering of the Slides IV," a blues concert featuring the Kerry Kearney Band, the Kane Daily Band, and Dee Harris will be held on Saturday, February 25, at 7:30 p.m. in Berkner Hall. Sponsored by the BNL Music Club, the concert is open to the public. All visitors to the Lab age 16 and over must bring a photo ID.

Back for a fourth year at BNL, the Kerry Kearney Band musicians bring down the house with their unique, high-energy sound. Founded in 1995, Kearney's electric band features his playing the slide guitar, Eileen "Little Steamroller" Murphy on drums, Frank Celenza on bass, and Tony Campo on keyboard. The band played numerous shows with the Allman Brothers in 2000 and toured nationally with the Dickey Betts Band in 2001. It has been featured in many local clubs and has also headlined in several music festivals, including the Riverhead Blues Festival.

The Kane Daily Band brings a mix of blues-oriented classic rock'n'roll and Delta and Chicago-oriented blues to their act. As a former member of the band Rooster, Daily helped the group win the 1997 Long Island Music Festival Award. Besides Daily on slide guitar, the Kane Daily Band features bassist George Ellert and drummer Kenny Roseboom.

A guitar player for over 30 years, Dee Harris had the opportunity at an early age to study slide guitar with the late Tom Pomposello, a close friend and playing partner of the legendary Mississippi Fred McDowell. Harris plays in local clubs, and most recently could be heard at The Barefoot Peddler in Greenvale and the Cherrywood Café in Wantagh.

Tickets cost \$15 each and may be bought from the BERA Store, from ticketweb.com, or at the door. Advance purchase is recommended because "The Gathering of the Slides" concerts have been sold out in the past. For more information about the concert, call Ext. 3846.



Kerry Kearney

Lost & Found

LOST: PRESCRIPTION GLASSES - bright colored glass case w/ glasses and clip-ons. Possibly lost by Bldg. 30 around noon on Wed., 1/25. Sharon, Ext. 2493.

For Rent

CENTER MORICHES - studio apt., l/r kit. com., full bath, lg. closet, nice area, sep., incl. ht., elec., & cable. \$750/mo. 878-1178.

EAST MORICHES - 1 bdrm., l/r, eik, FL. room, use w/d, quiet area, park-like property, smoke alarm, walk to bay, schools. \$900/mo. Nick, Ext. 4979 or 909-3388 or 513-6688.

MANORVILLE - legal 1-bdrm. apt., lg. l/r, lots of closets, pvt., heat, elec. & cable incl. 1 mo. sec. \$1,000/mo. 878-8967.

MEDFORD - new 2/3 bdrm. bsmt. apt. w/full bath, kit, pvt. ent., util. incl. except phone, pkg, 15 min. to Lab. 2 mi. to LIE, 1 mi. to S/rise Hwy. \$1,200/mo. 682-5070.

MIDDLE ISLAND - new 1-bdrm., lg. high-bsmt. apt., pvt. ent., laundry, cable, internet, no pets/smkg., quiet, all incl. but phone, close to Lab. 1 mo. sec. \$800/mo. 672-2451.

MILLER PLACE - share lg. full furn. non-smkg. Col. house in prof. resid. area, c/a/c, fcd. bk. yd., deck, own 14x12 w/w bdrm., cble, l/nct. 9 mi. to BNL. \$675/mo. 744-8386.

RIDGE - 1 lg. studio, bright & warm, w/full bath, priv. ent. and fenced garden, house apart from owner, park in drway, quiet & safe n'hood. \$700/mo. Zhen, 821-0859.

ROCKY POINT - 1 sm. bdrm. apt., priv., heat incl., no pets, 5 min. to BNL \$850/mo. Trudy, 821-8730.

ROCKY POINT - 2-bdrm. 1-bath house, lg. eik, fenced yard, 1 mo. sec. plus util., avail. 2/1, small pet okay. \$1,200/mo. William, Ext. 8488 or 929-4663.

SHIRLEY - studio apt., pvt. ent., all util. incl., no smkg./pets, 1 mo. sec. \$750/mo. Tina, 399-3950.

SHIRLEY - studio-rm. apt. for 1 person, eik, lv/bdrm. combo, full bath, sep. ent. 1 mo. sec., incl. all, cable & internet. no pets/smkg. \$650/mo. Ext. 8321.

SHIRLEY - lg. 1-bdrm. bsmt. apt., suitable for 1, incl. all, 1 mo. + 2 mo. sec. \$750/mo. Ext. 3846.

SOUND BEACH - 3-bdrm. house, 1-1/2 baths, d/r, eik, dw, w/d, lg. closets, new paint, carpet, hwdw. fl., fncd. yd., deck, MPSPD, no smkg./cats, plus util./sec. \$1,625/mo. 744-8673.

SOUND BEACH - 2-bdrm. house, 1 bath, 1-car gar., 1 block away from Sound, plus util. \$1,350/mo. Maryann, 521-6585.

For Sale

EAST MORICHES - 3-bdrm. Cape on pvt. acre, lg. great rm. w/28 ft. peak ceiling, skylights and stone f/p, wood flrs., c/a/c, deck, finished bsmt. \$545,000 766-1885.

EASTPORT - 4 bdrm., 1 bath on 1/2 acre, stainless appliances, d/r, patio, close to school, water and town. \$510,000/neg. Susan, 325-9671.

SHIRLEY - 3-bdrm Colonial, l/r w/t/p, fdr, sunroom w/vaulted ceiling, fin. bsmt., new floors, 16x32 agp, igs, owner motivated, re-loc. \$363,000/neg. Jo-Ann, Ext. 8594.

SHOREHAM, NY - immac. 3-bdrm. hi-ranch on quiet dead-end st., 2 baths, l/r, d/r, 2 decks, den, 2-car gar., yard, many recent upgrades. \$399,000/neg. 747-3495.

NEWPORT, TN - Golf Course Road, 1.6 acre residential, corner lot, across road from fairway, minutes from town. \$30,000/ neg. Ben, 513-8275.

On-Site Service Station

BATTERIES CHECKED, REPLACED - Have your vehicle's battery and tires checked and/or have the oil changed while you are at work. NYS inspections and a full range of repairs also available. Ext. 4034.