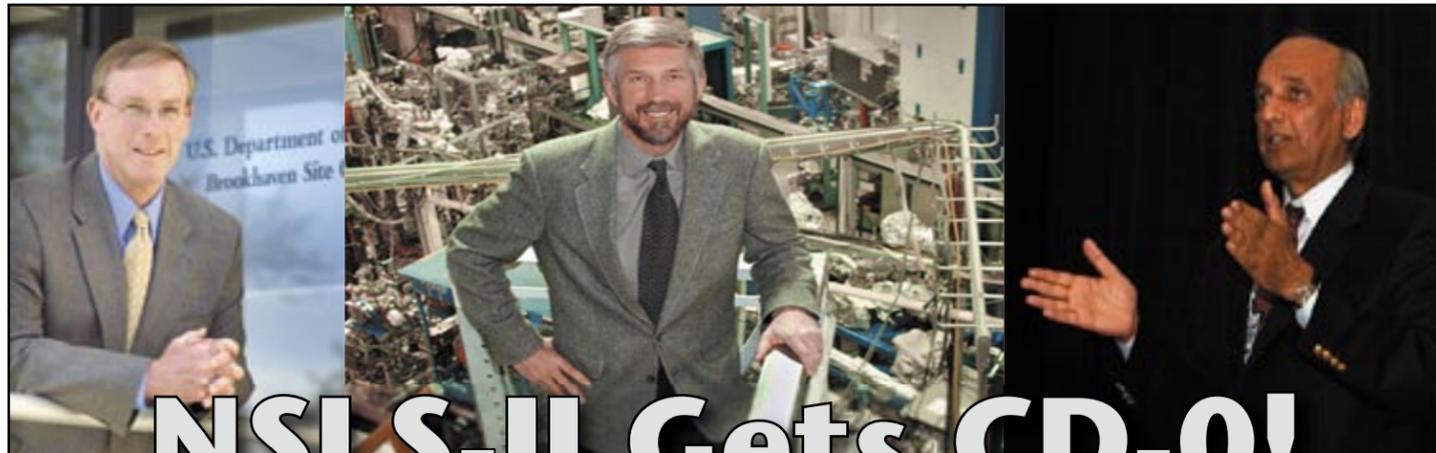


Roger Stoutenburgh D2360505 (left) D06040303 (center)



Joseph Rubin D0480805

NSLS-II Gets CD-0!

The Lab received great news last week: DOE granted "Critical Decision Zero" (CD-0) status to National Synchrotron Light Source (NSLS)-II, the planned world-leading NSLS successor. This is the key first step in the long process to make NSLS-II a reality at BNL.

Accompanied by Lab Director Praveen Chaudhari (above, right) and Steve Dierker, Associate Laboratory Director for Light Sources (above, center), DOE Brookhaven Site Office Manager Michael Holland (above, left) announced the news at an NSLS All-Hands meeting on Friday, September 9.

"This is a tremendous step forward for science," said Holland. "The effort

that went into this by Steve Dierker and others on the project was tremendous. I thank everyone for their hard work and accomplishments."

Holland noted that as part of the process that leads to CD-1, the next critical decision for the project, the physical site for the facility will be chosen, determining whether NSLS-II will be located at BNL. "There will certainly be a strong case made for NSLS-II at Brookhaven. There is a huge amount of work ahead of us in the next eight to 12 months," he said.

In his comments, Chaudhari congratulated the NSLS staff and many others for their efforts in maintaining the NSLS while working to make the case for NSLS-II. "You ought to take a moment and clap for yourselves," he said. "It's been difficult to keep the NSLS running and design a new machine. You are going to have to

continue to work very hard, but I expect that you can do it."

Dierker called the announcement a "wonderful occasion." He then presented an overview of the history of the NSLS-II

project, from the initial idea to the proposal to the major reviews by DOE, as well as the large and successful NSLS-II workshop in March 2004—all the results of hard, hard work and cooperation. He thanked everyone for helping to achieve this critical milestone and emphasized the continuing teamwork necessary to continue the process and secure the site.

"There is a strong research community in the Northeast and a tremendous density of academic and research institutions," he said. "Moreover, U.S. synchrotrons are far oversubscribed. We need NSLS-II more than ever, or the science and benefits from that science will move overseas." —Laura Mgrdichian

"This is a tremendous step forward for science."

—Michael Holland

Planning for Most Prosperity, Least Waste, Pollution DOE Workshop at BNL Explains Industrial Assessment Centers

Companies needing expert, low-cost advice about improving the energy efficiency of their industrial operations have long been served by the network of Industrial Assessment Centers (IACs), sponsored by the U.S. Department of Energy's (DOE) Industrial Technologies Program at universities nationwide.

Said Robert Gordon, Director of Business Management at DOE's Brookhaven Site Office, "The IAC program provides eligible small and medium-sized private-sector manufacturers with no-cost energy assessments. Additionally, the IACs serve as a training ground for the next-generation of energy-savvy engineers. Currently, DOE supports 26 IACs, which companies may consult."

To extend the program, in October, DOE will solicit proposals from ABET-accredited universities — those accredited by ABET, Inc., for programs in applied science, computing, engineering, and technology — wishing to become a des-

ignated center. The process is expected to be highly competitive, and regional applicant workshops are being conducted to familiarize faculty from interested colleges and universities with the operation of an Industrial Assessment Center.

One such workshop was held at BNL on August 15-17, coordinated by Robert Hall, Director of Research and Development programs for the Center for Environmental & Energy Partnership, Inc. Representatives from ten universities attended, including Hofstra University and New York Institute of Technology on Long Island. Participants learned how IACs work: teams composed of engineering faculty and students from the centers are sent out to conduct energy audits or industrial assessments and provide recommendations to manufacturers to help them identify opportunities to improve productivity, reduce waste, and save energy. In addition, one full day of the workshop was spent on site at a local manufacturing facility,

Precision Engraving of Amityville, where the workshop instructor from the IAC at Texas A&M University demonstrated an energy assessment.

A special September 2005 issue of *Scientific American*, titled "Crossroads for Planet Earth," focuses on the need for planning to ensure "environmental sustainability" and prosperity worldwide despite growing populations and exhaustible resources.

Commented Gordon, "The aims and achievements of IACs certainly appear to fit into the 'Crossroads for Planet Earth' picture. Since they started in 1976, IACs have provided over 9,800 assessments to private-sector clients, and recommendations from industrial assessments have averaged about \$55,000 in potential annual savings for each manufacturer. We hope that more IACs will help manufacturers make more savings in both resources and dollars in the future."

—Liz Seubert



Roger Stoutenburgh D1408085

With the participants at the DOE-sponsored workshop on Industrial Assessment Centers held at BNL in August are: Robert Gordon (left), Director of Business Management at DOE's Brookhaven Site Office, workshop coordinator Robert Hall (right) of the Center for Environmental & Energy Partnership, Inc.; and workshop instructor Warren Heffington (back, third from right) of Texas A&M University.

407th Brookhaven Lecture, 9/21 Photovoltaics and the Environment

Over the past five years, solar energy usage has grown by about 43 percent a year, giving rise to a billion-dollar industry in photovoltaics (PV) or getting electricity from light. The word photovoltaics combines the Greek *phos*, or light, with the "volt" of electricity.

PV technologies have distinct environmental advantages over conventional power technologies, such as: no noise, no emissions, no need for fuel and power lines. Compared to burning coal, a gigawatt-hour of PV-generated electricity would prevent the release of about 1,000 tons of carbon dioxide, eight of sulfur dioxide, four of nitrogen oxides, and 0.4 tons of particulates.

However, manufacturing the solar cells that transform light to electricity requires the use of some toxic and flammable substances. Addressing the environmental, health, and safety concerns of the PV industry to minimize risk while ensuring economic viability and public support is the work of the National Photovoltaic Environmental Health, & Safety Assistance Center at BNL.

To learn about the center, where staff assess PV manufacturing facilities, technologies, recycling of spent products, and perform life-cycle environmental assessments, join the

Center's head, chemical engineer and scientist Vasilis Fthenakis of the Environmental Sciences Department (ESD), at 4 p.m. on Wednesday, September 21, when he will give the 407th Brookhaven Lecture, on "Photovoltaics and the Environment." The lecture will be held in Berkner Hall, where the speaker will be introduced by Creighton Wirick, ESD Chair. Refreshments will be offered before and after this free talk, which is open to the public. Visitors to the Lab who are 16 or older must carry a photo ID.

As Fthenakis will explain, BNL's PV involvement dates back to the 1980s, with ties and collaborations developed with industry, DOE, the National Renewable Energy Laboratory, Sandia National Laboratories, and other PV specialists. After a brief overview of current solar electric technologies and markets, Fthenakis will describe some of the center's major accomplishments, including establishing a lab for studies on recycling spent photovoltaic modules and manufacturing scrap, a project that generated a patent application and several articles. Fthenakis also designed experiments for simulating the effect of fire on photovoltaics, using techniques that included x-ray diffraction analysis

of molten glass done at beam line X26A at the National Synchrotron Light Source. The experiments were performed by ESD's John Heiser, Wenming Wang, and Mark Fuhrmann.

Initiated this year, "life cycle environmental assessments" are used to guide new designs, systems, and applications of PV systems and show up-to-date environmental profiles of solar technologies as compared with conventional power technologies. Fthenakis will discuss how, in this effort, BNL has formed an ad hoc group with European partners and a collaboration with Columbia University as well as a commercial partnership with a leading PV firm, FirstSolar. He will conclude by outlining research needs in this area.

Fthenakis came to BNL in 1980. He received a diploma in chemistry from the University of Athens, Greece, in 1975, an M.S. in chemical engineering from Columbia University in 1978,

(continued on page 2)

All who would like to dine with the lecturer after the talk at an off-site restaurant should call Linda Satalino, Ext. 2383.



Roger Stoutenburgh D0120905

Vasilis Fthenakis, Environmental Sciences Department, holds pieces of photovoltaic material, a square lab-sized prototype and an industrial sample used in fire experiments.

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, and Advanced classes. Various times. All are welcome. Learn English, make friends. See www.bnl.gov/esol/schedule.html for schedule. Jen Lynch, Ext. 4894.

Mondays: BNL Gospel Choir

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

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.

Tuesdays: Welcome Coffee

10-11:30 a.m., Rec. Hall. First Tuesday of every month is special for Lab newcomers and leaving guests. Meet in the gazebo in the apartment area. 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/toastmasters/default.htm.

Tues., Wed. & Thurs: Rec Hall Activities

5:30-9:30 p.m. General activities, large-screen TV, ping pong, chess, games, and 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. Meet in the apartment area playgroup. Fang Dong, 871-5362.

Wednesdays: Weight Watchers

Noon-1 p.m. Michael Thorn, Ext. 8612.

Wednesdays: Yoga

Noon-1 p.m., Brookhaven Center. Free. Ila Campbell, Ext. 2206, ila@bnl.gov.

Wednesdays: Ballroom Dance Class

\$30/person/6-week series. Brookhaven Center, North Ballroom. Beginner merengue at 6 p.m., advanced foxtrot at 7 p.m. Instructor Giny Rae. Call John Millener, Ext. 3853; or 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. 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 —

Sunday, 9/18

***Walk for Beauty, Cancer Research**

Join the group from BNL who will get sponsors and walk 4 to 6 kilometers in historic Stony Brook to benefit cancer research. See notice at right. For registration forms and more information, go to: www.bnl.gov/diversity/womansProgram.asp. Or contact Stacia Scocca, Ext. 3979 or scocca@bnl.gov.

***Hospitality Bronx Zoo Trip**

9 a.m. Depart Lollipop House in apartment area, leave zoo at 5 p.m., return by 7 p.m. Sold out. Monique de al Beij, mdelabey@optonline.net or 399-7656.

— WEEK OF 9/19 —

Tuesday, 9/20

Talk on Crimes of Bias in Suffolk

Noon-1 p.m. Berkner Hall. All are urged to attend this talk cosponsored by Brookhaven Women in Science and the following BERA Clubs: Afro-American Culture Club, Asian Pacific American Association, Hispanic Heritage Club, Indo-American Association, and the Gay, Lesbian or Bisexual Employees Club. See page 3, top right.

Many Find FEW Conference Inspiring



In this photo are many of the BNL participants who attended the Federally Employed Women (FEW) National Training Program from the: Basic Energy Sciences Directorate; Diversity Office; Energy, Environment & National Security Directorate, Environmental Restoration Division; Environment, Safety, Health & Quality Directorate; Facilities & Operations Directorate; Finance Directorate; High Energy & Nuclear Physics Directorate; Human Resources & Occupational Medicine Division; Information Services Division; Life Sciences Directorate, and the National Synchrotron Light Source Department.

In July, coordinated by BNL's Diversity Office and Sherma John-Abbott of the Fiscal Services Division, who also serves on the Women's Program Advisory Committee, 32 BNL women from various departments and divisions headed to Reno, Nevada, to attend the 36th Federally Employed Women's (FEW) National Training Program. FEW is a membership organization working toward the advancement of women in government by encouraging professional career development through leadership, education, mentoring and networking.

"I would like to thank the Diversity Office for allowing me to be this year's FEW conference coordinator," said John-Abbott. "It was exciting and informative, and I would definitely encourage others to attend."

At the conference, workshops focused on topics such as communication, leadership, teamwork, finance, computing, problem solving, and handling pressures at work and home. John-Abbott's opinion was echoed by all the BNL participants, who described the meeting as "empowering" and "motivating" as well as a source of practical ideas for use in many different situations.

"The difficulties of balancing a life with responsibilities that include work, home, children, and, in some cases, also attending school, can be frustrating and sometimes defeating. I found the workshops addressed these issues with humor, a positive attitude, and insight. I came away inspired and believing that it is impossible to fail," commented Lorraine Barry, Human Resources & Occupational Medicine Division.

Said Maryann Julian of the Energy Sciences & Technology Department, "Since this is the first time I have attended a conference, it was an experience that I will never forget. I attended many training seminars and returned with a wealth of information regarding my position here at the Lab."

Susan Wells, Business Systems Division, said, "Having worked at BNL for nearly 25 years, I was delighted to attend the FEW conference. I found it extremely worthwhile and em-

powering to interact with women from all over the country displaying so many varied areas of expertise. Some of the courses offered opportunities to participate in small group exercises, which allowed us all to get to know one another a little better and learn about many other career opportunities available to us as federally employed women."

When asked for feedback, Susan Wells of the Quality Assurance Group praised one presenter in particular — Janie Walters. "I attended Walters' course on 'Blow A Bubble . . . Not A Gasket! Stress Management Techniques That Really Work,'" said Wells. "I was actually so impressed that I've asked Janie to send her presenter information in the hope that BNL will invite her to speak. I'm thankful that I was able to attend and I look forward to the FEW conference's being offered for many years to come to our BNL women."

A comment from Gretchen Cisco of the National Synchrotron Light Source: "I believe the FEW conference is a worthwhile investment for the women at BNL, providing each person takes a sincere interest in course selection. It can be helpful to discuss the choice of courses with a supervisor, co-worker or someone who has experience with the type of workshops involved to ensure that the investment of time and resources is fruitful."

Shirley Kendall, Diversity Office Manager, adds, "Career development is enhanced through mentoring and networking. Likewise, having our employees interacting with other professionals from across the country facilitates creating an inclusive work environment at BNL. Attendees return excited, revitalized, and ready to share their new ideas. A goal of valuing diversity is increased productivity, and employees perform better when they're engaged in their work and are respected on the job. The continued support of the FEW conference by BNL managers reflects an organizational commitment to promoting women. Supporting activities to enrich employees' career is a goal of all world-class organizations."

For more information on FEW, go to www.few.org.

Dr. Mow Shiah Lin Scholarship Award Ceremony, Reception, 9/22

The BERA Asian Pacific American Association (APAA) invites all to attend the inaugural Award Ceremony for the annual Dr. Mow Shiah Lin Scholarship, on Thursday, September 22, at 4 p.m., in the Hamilton Seminar Room of the Chemistry Department, Bldg. 555. The award of \$1,000 will be presented to Yuanzhi Tang, a graduate student at the Department of Geosciences, Stony Brook University (SBU), studying environmental geochemistry. The APAA established this scholarship to commemorate the life and career of Mow Lin, a distinguished scientist in BNL's Energy Sciences & Technology Department. In honor of Lin's research, achievements, and inventions, this scholarship will be granted annually to an Asian immigrant with a student visa who is matriculating toward a graduate degree at an accredited institution of higher education in environmental science, biology, or chemistry, in remembrance of the manner in which Lin began his career.

At the ceremony, scholarship winner Tang will present a brief introduction on her current research project titled "Coprecipitation of Cr(VI) with Calcite: Batch Experiments and Spectroscopic Characterization." She will be introduced by her thesis advisor, Richard Reeder, Director of the SBU Center for Environmental Molecular Sciences.

Refreshments will follow the presentation. For more information, contact Susan Eng Wong, Ext. 7988.

BNL Lecture (cont'd)

and a Ph.D. in fluid dynamics and atmospheric science from New York University in 1991. His publications include coauthoring the book *Prevention and Control of Accidental Releases of Hazardous Gases*, and approximately 200 papers and reports. In addition to giving invited talks at international conferences, Pthenakis serves on the editorial boards of two journals, *Progress in Photovoltaics* and *Journal of Loss Prevention*, is a Fellow of the American Institute of Chemical Engineers and the International Energy Foundation and adjunct professor of earth & environmental engineering at Columbia. He has also served as a safety and environmental consultant for many major oil and chemical corporations in the U.S. — Liz Seubert

Walk for Beauty, 9/18

The 12th Annual Walk for Beauty will be held on Sunday, September 18, in Stony Brook. The annual four or six kilometer walk through scenic, historic areas of Stony Brook raises funds for breast and prostate cancer research at Stony Brook University. BNL's Women's Program Advisory Committee is gathering a team from the Lab. The flyer and brochure, which includes the registration form, walker sponsor sheet, and driving directions, are located on the Women's Program website at: www.bnl.gov/diversity/womansProgram.asp.

Participants are responsible for their own registration and fee of \$20, or sponsorship. For details, contact Stacia Scocca, Ext. 3979 or scocca@bnl.gov.

Elder Law Seminar, 9/27

Join Nancy Burner, former President of the Suffolk County Women's Bar Association and a member of the National Academy of Elder Law Attorneys, on Tuesday September 27, from noon to 1 p.m. in Berkner Hall where she will present a seminar on elder law.

Burner will discuss the need for health care proxies, living wills, and power of attorneys. She will describe how to protect your assets and will present an overview of the complex government rules that affect Medicare and Medicaid reimbursements. She will also emphasize how proper planning can allow you to preserve your estate by reducing taxes when assets pass to the next generation, naming designated beneficiaries on retirement accounts, and protecting your descendants from divorce, creditor problems, unexpected illness, and sometimes saving them from themselves.

Preregistration is required to attend this seminar. Check your mailbox for registration forms. Return completed forms to Michael Thorn, Bldg. 490.

Cardiac Fitness Talk, 9/22

Join Denise Kane, a registered dietitian with CIGNA HealthCare, on Thursday, September 22, from noon to 1 p.m. in Berkner Hall where she will present "Keeping a Healthy Heart," a talk on how to minimize the risk of heart disease. Kane will review the heart's anatomy; discuss common conditions that plague the heart, including atherosclerosis, stroke, high blood pressure, congestive heart failure, angina, and heart attack; and teach her BNL audience how to recognize the warning signs of a heart attack, stroke, and cardiac arrest. Preregistration is required for those who wish to attend this talk. Check your mailbox for registration forms. Return completed forms to Michael Thorn, Bldg. 490. A box lunch will be available for the first 100 registrants.

Arrivals & Departures

— Arrivals —

- Frank Cetero NNS
- John Hover Physics
- Dimitrios Katramatos Physics
- Nelly Klein Medical
- Alexei Klimentov Physics
- Tianshi Lu Comp. Sci. Center
- Mathew Maye CFN
- Michael Razmek PPM
- Mary Upton Physics
- Hongbo Yang Physics
- Xiaohong Yu Biology
- Hui Zhong NSLS

— Departures —

- David Boeje C-A
- Zhengwei Chai Chemistry
- Anirban Chakraborti Physics
- Robert Di Lello PPM
- Lenore Dudzick Env. Sci.
- Victor Gonzalez CFS
- Seogjoo Jang Chemistry
- Seetharaman Jayaraman Biology
- Serguei Kokhanovskii C-A
- Kirill Tuchin Physics
- Rudolf Zantopp Rad. Ctrl.

Thanks, Blood Donors

Generous donors gave 167 pints of blood at BNL's September 8 Blood Drive. Thank you.

PeopleSoft Inventory, Warehouses Closed for Annual Inventory, 9/21-23

The Procurement & Property Management Division will take their annual physical inventory from September 21-23. All departments and divisions are asked to plan ahead to fill stock requirements, because the PeopleSoft inventory module will be unavailable and the warehouses will be closed for normal stock withdrawals from the end of business on Tuesday, September 20, through Friday, September 23. Pick tickets submitted before noon on September 20 will be filled. During this period, Mary Ellen Meier, Ext. 2979, will temporarily handle orders for liquid nitrogen and helium requirements manually. Emergency stock requests should be directed to Ronald Ondrovic, Ext. 4553 or George Dioguardo, Ext. 2597, pager 6300.

BNL's 'Ergo' Athletes — In the Office

Office life can be a pain. Necks, shoulders, hands, wrists, lower legs, feet — all these can ache at the end of a day in your office, and all you did was sit quietly in your chair in front of your computer without changing position or varying tasks. Not only that, but you could have strained your back in reaching for the telephone or to retrieve a file.

But the office "ergo" athlete can easily sidestep these problems.

Ergonomics, the science of matching jobs to workers and products to users, has as its goal to make work more comfortable and improve workers' health and productivity. Sports athletes plan their training to lessen body strain and build endurance suited to their particular field. By using commonsense ergonomic principles such as maintaining correct posture and avoiding repetitive motions, excessive forces, and over-extended reaches, and by rearranging their working space more conveniently, most office workers can become, if not great athletes, at least reasonably comfortable after a day on the job.

If you have ideas for ergonomic improvements, or you would like assistance in evaluating your work area, contact Nicole Bernholz, Safety & Health Services Division, at Ext. 2027 or at bernholc@bnl.gov.

For additional information, go to www.bnl.gov/esh/shsd/Programs/Program_Area_Ergonomics.asp. — Jane Koropsak and Liz Seubert



Above, Maria Beckman of the Environment, Safety, Health & Quality Directorate demonstrates some of the common behaviors that have workers overextending their wrists, arms, and shoulders, and straining their necks while working outside their "neutral posture."



Here, Maria Beckman, advised by Nicole Bernholz of the Safety & Health Services Division, has made minor changes to her workstation that will make major changes in the way she feels at the end of each day. By simply adding a keyboard tray, and moving her telephone and other frequently used tools within reach, she is now working in a manner that allows her to be more comfortable and helps to avoid overextension of the arms and shoulders. By adding a copyholder in front of the monitor, she avoids moving her head side-to-side repeatedly, which can create neck strain. Other tips for comfort: Feet should be flat on the floor or on an appropriate footrest; the keyboard and mouse should be at the same level; and wrists should be straight, not flexed, when typing. You can find your keyboard position by sitting with your elbows at your side and then raising your arms. Move your chair toward your keyboard so that you do not have to extend your arms to type. Simple adjustments like these can make you more comfortable at work.

Volleyball News

The BERA Volleyball League begins its 2005-2006 season on Monday, October 10. The league offers teams for players of every ability and skill level, so come and join in the fun! All players are invited to get warmed up for the season by playing open volleyball in the gym on Monday and Wednesday nights.

Captains' Meeting, 9/21

Captains interested in fielding teams for the league should attend the captains' meeting on Wednesday, September 21, at noon in Berkner Hall. Bring a signed roster form with you. Obtain roster forms from the league's web site at www.vb.bnl.gov.

For more information, visit the league's web site above, or contact Marie Van Buren, Ext. 4727 or vanburen@bnl.gov; or Travis Shrey, Ext. 7451 or shrey@bnl.gov.

Softball Party, 9/30

The BERA Softball League End of Season Party will be held on Friday, September 30, from 6 to 10 p.m. at the Rock Hill Country Club.

Tickets cost \$30 for softball players and \$35 for guests. Price includes dinner buffet, cookies, coffee, DJ for dancing, and a cash bar. Everyone is welcome, but there is limited seating. Tickets are available at the BERA Sales Office in Berkner Hall; from Rich Scheidet, Bldg. 134C, Ext. 5284; or from Lois Marascia, Bldg. 460, Ext. 8600. Make checks payable to BERA Softball. A limited number of tickets will be available at the door.

'Crimes of Bias in Suffolk County' Talk by Hate Crimes Bureau Expert, 9/20

To learn about the far-ranging impact on this community from incidents based on a person's race, ethnicity, ancestry, national origin, gender, sexual orientation, age, or disability, attend a talk on "Crimes of Bias in Suffolk County," by an expert from the Suffolk County Police Department's Hate Crimes Bureau who will detail specific examples of bias crimes in the area and address the types of crimes that are considered "bias crimes."

The lecture will take place from noon to 1 p.m. on Tuesday, September 20, in Berkner Hall. It is sponsored by the Diversity Office and BERA and cosponsored by Brookhaven Women in Science and the following BERA Clubs: Afro-American Culture Club, Asian Pacific American Association, Hispanic Heritage Club, Indo-American Association, and the Gay, Lesbian or Bisexual Employees Club.

BWIS Seminar Rescheduled to 9/29 Mentoring Programs for Women in Science

A Brookhaven Women in Science seminar that was to be given by Mary Pavone, Director of the Women in Science Project at Dartmouth College, on "Shaping the Circle of Science with Mentoring, Active Learning & Community," last month has been rescheduled. It will be held on Thursday, September 29, at noon, in Berkner Hall. All are invited. For more information, contact Lynne Ecker at Ext. 2538, or lecker@bnl.gov.

Joint IAA, APAA-Sponsored Talk on Vedanta, 9/26

Swami Dayananda Saraswati, a distinguished teacher of Vedanta and Sanskrit, will talk on "The Use of Reason in Vedanta" on Monday, September 26, in Berkner Hall, 3:30-5:30 p.m. All are welcome to attend this free lecture, sponsored by BERA's Indian American Association and Asian Pacific American Association.

Saraswati has been teaching Vedanta for more than fifty years. Under his guidance, centers for Vedic teaching have been founded in India at Rishikesh and Coimbatore and in the U.S. at Saylorburg, Pennsylvania. Currently, more than 100 centers in India and abroad carry on the same tradition of Vedantic teaching.

Saraswati has participated in international forums such as the United Nations 50th Anniversary Celebration in October 1995; the Millennium World Peace Summit in which he headed the Hindu delegation at the United Nations in New York, September 2000; the World Council of Religious Leaders launched at the United Nations in Bangkok, June 2002, which he co-chaired; and many more. He was the keynote speaker at the World Youth Peace Summit in Kyoto, Japan, in 2003, and in Nairobi, Kenya, in 2004, and at the Dharma Summit in New Jersey, 2005.

For more information, see the Vedanta website: www.arshavidya.org/ and contact Vatsal Bhatt, Ext. 5453 or Ila Campbell, Ext. 2206.

Dance Social, 9/30

On Friday, September 30, hustle into the Ballroom, Latin, Swing, and Hustle Dance Social at the North Ballroom, Brookhaven Center, sponsored by the BERA Social & Cultural Club, with live music by Louis del Prete and his band "FAME," back by special request. Rudy Alforque will give a complimentary 45-minute dance lesson at 7 p.m.; the band will perform from 8 p.m. to midnight with DJ music in between sets.

Admission is \$15 for BERA members, students with ID, and members of the BERA Social & Cultural Club and Swing Dance Long Island; \$20 for others. The cost includes cold buffet, dessert, and refreshments. Guests who are non-BNL employees must present a picture ID at the main gate. For more information contact Rudy Alforque, Ext. 4733, or rudy@bnl.gov.

TIAA-CREF One-on-One Retirement Counseling

A TIAA-CREF consultant will visit BNL on Wednesday, 9/21, Friday, 9/23, and Tuesday, 9/27, to answer employees' questions about financial matters. The consultant will help employees to:

- Protect assets against inflation
- Find the right allocation mix
- Learn about TIAA-CREF retirement income flexibility
- Compare lifetime income vs. cash withdrawal options.

For an appointment, call Kathy Murphy, (866) 842-2053, Ext. 4625.

Vanguard One-on-One Retirement Planning

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

Fidelity Investment Counseling, 9/29

A Fidelity Investment representative will be available at the Lab on Thursday, September 29, to hold sessions with individual employees interested in learning more about their retirement-savings and investment options. Schedule one of the 30-minute appointments by calling (800) 642-7131.

Upton Nursery School Learning Is Fun for 3- and 4-Year-Olds

Enrollment is still ongoing in the Upton Nursery School, a parent-run, not-for-profit, cooperative nursery school. The school meets two or three mornings a week at the Recreation Hall in the apartment area and provides a warm, caring, and stimulating environment. For more information or to register your child, contact Amie Kennedy, 727-8082, abk22@care2.com, or go to www.bnl.gov/nurseryschool.

Research Library Has New Hours

The Research Library's hours have changed. They are now 8:30 a.m. until 6 p.m., Monday through Friday.

First Annual Block Party, 10/2

All are invited to BNL's first annual block party on Sunday, October 2, from noon to 4 p.m. at the gazebo in the apartment area. If the weather doesn't cooperate, then the event will be moved indoors to the Recreation Hall. Food, music, dancing, children's games and a "bouncy house" will be provided. Attendees are asked to bring a dessert to share. For more information, contact Jennifer Lynch, Ext. 4894; or Christine Carter, Ext. 5090.

CALENDAR

(continued)

Wednesday, 9/21

407th Brookhaven Lecture

4 p.m. Berkner Hall. Vasilis Fthenakis, Environmental Sciences Department, will talk about "Photovoltaics and the Environment." All are welcome to this free public lecture. Visitors of 16 and over must carry photo ID. See story, page 1.

Thursday, 9/22

*Lecture on Heart Health

Noon-1 p.m. Berkner Hall. Denise Kane of CIGNA HealthCare will present "Keeping a Healthy Heart." All are welcome, but register ahead by completing the form sent to all employees and sending it to Michael Thorn, Bldg. 490. A box lunch will be available for the first 100 registrants.

Dr. Mow Lin Scholarship Award

4 p.m., Hamilton Seminar Room, Bldg. 555. All are welcome. See notice, page 2.

Sunday, 9/25

BERA-Sponsored NASCAR Trip

Dover, Delaware. Cost of \$110 per person includes great seats and luxury coach bus. Advance reservations are necessary and can be made at the BERA Store, weekdays, 9 a.m.-3 p.m. See also www.nascar.com.

— WEEK OF 9/26 —

Monday, 9/26

Talk on 'Reason in Vedanta'

3:30-5:30 p.m. BERA's Indian American Association and Asian Pacific American Association sponsor a talk on "The Use of Reason in Vedanta," by Swami Saraswati. See notice at left.

IBEW Meeting

6 p.m. Centereach Knights of Columbus Hall, 41 Horseblock Rd., Centereach. A meeting for shift workers will be held at 3 p.m. in the Union Office. The agenda includes regular business, committee reports, and the president's report. Members are urged to make every effort to attend this important meeting.

Friday, 9/30

*TGIF @ Brookhaven Dance Social

7 p.m.-midnight. Brookhaven Center North Ballroom. Sponsored by BERA Social & Cultural Club and Swing Dance Long Island. 7-7:45 p.m., complimentary dance lesson by Rudy Alforque. 8 p.m. live music by Louis del Prete and his band "FAME." Admission of \$15 for members, \$20 for guests. Cost includes cold buffet, dessert, refreshments. Rudy Alforque, Ext. 4733 or rudy@bnl.gov.

Saturday, 10/1

Defensive Driving Course

9 a.m.-3:30 p.m. Berkner Hall, Room B. Open to BNL, BSA, and DOE employees, BNL facility-users, and their families. To register, send a check made payable to NYSTA to: NYSTA, c/o Don Kelley, P.O. Box 185, Selden, NY 11784. Be sure to write the course date on the check and include your phone number in case you need to be contacted.

Sunday, 10/2

First Annual Block Party

Noon-4 p.m. Gazebo in apartment area. All are welcome. Food, music, dancing, children's games. Bring a dessert to share. See notice below, left. Jennifer Lynch, 4894, Christine Carter, Ext. 5090.

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.

Read the Small Print

This week, the Bulletin upgraded its software to a new program that has more graphic scope. In the process, we discovered that the some of the Bulletin's typefaces, with the same specs, print smaller than with the previous software! We apologize in advance for eye-strain suffered by our noble readers; we're working on the problem.

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/.

The following positions have been exempted from the freeze by the Deputy Director:

LABORATORY RECRUITMENT – Opportunities for Laboratory employees

TB3783. STORESKEEPER - Responsible for the operation of a subdivision of the central Laboratory stores facilities. Reviews, assigns and checks work of personnel for operational purposes. Procurement & Property Management Division.

TB3237. SR. ADMINISTRATIVE SERVICES ASSISTANT (A-3) – Requires a minimum of six years' relevant experience including two years at the Laboratory in a similar role or equivalent combination of education/experience. Ability to use Lab-wide computer systems such as PeopleSoft Financials is necessary as is a comprehensive knowledge of Laboratory policies and procedures and a customer-focused perspective. Must have strong communications skills necessary for establishing a wide variety of contacts related to assigned functions and the ability to multi-task, sometimes under pressure. Will be responsible for performing a variety of complex administrative office duties within the NSLS Administration involving procurement activities, credit card transactions, shipping memos and property management. Will interact daily with NSLS staff while acting as procurement liaison for the Department. Will work independently within established procedures and be required to handle non-routine office matters on a daily basis. Will develop essential spreadsheets and documents for reports through MS Excel and Word. National Synchrotron Light Source Department.

OPEN RECRUITMENT – Opportunities for Laboratory employees and outside candidates

MK3748. CHEMIST (S-3) – Requires a Ph.D. in inorganic chemistry and extensive experience in organometallic chemistry, homogeneous catalysis, metal hydride reactivity, electrochemistry, reduction of carbon dioxide and hydrogenase model complexes. Will be responsible for building new research programs and collaborating with scientists involved in homogeneous catalysis, activation and reactions of small molecules mediated by transition metal catalysts, including solar fuel production and photochemical reactivity. Under the direction of A. Harris. Chemistry Department.

TB3714. HEAVY EQUIPMENT MAINTENANCE SUPERVISOR (T-5) – Requires a minimum of 10 years' progressive supervisory experience in heavy equipment fleet maintenance, construction, excavation, roads and grounds. Must have detailed knowledge and experience in the operation and maintenance of, but not limited to, earth moving equipment, fixed and mobile cranes, diesel generators, elevators, material handling, roads and grounds maintenance equipment. In addition, requirements include experience working with preventive and corrective maintenance systems, estimating, project planning, the ability to coordinate and schedule multi-craft activities, possession of a Class A CDL with endorsements, working knowledge of computers and software applications, and the ability to communicate technical information on all levels of the organization. Must have demonstrated good work habits, the ability to apply environment, safety and health practices in the field, and the ability to work extended hours during the winter months for snow clearing activities. A crane operator's license is highly desirable. Will be responsible for the first line supervision of the Plant Engineering Division's heavy equipment mechanic-operator shop. Plant Engineering Division.

Motor Vehicles & Supplies

04 ACURA RSX - a/t, silver, loaded, like new. 17K mi. \$17,900/neg. Ext. 7992 or 331-4820.

04 CADILLAC CTS SEDAN - all pwr., loaded, V6 3.6L eng., gar., 4 dr., all leather, b/o. 19K mi. 878-2368 or 924-0663.

02 LAND ROVER DISCOVERY - SD, seats seven, fog lights, brush bars, like new. 36K mi. 698-3842.

01 NISSAN PATHFINDER - LE edition, excellent condition, fully loaded, moon roof. 66K mi. \$15,500/neg. Heather, 366-3390.

00 MAZDA 626 LX V6 - a/t, silver, no dent, excel. cond., well maint., new tires, batt. 80K mi. \$5,900. Yongjiae, Ext. 8485 or 816-3499.

00 HONDA CR-V - 2WD, excel mpg, am/fm/cd/cass, a/t, orig owner, excel. cond. 87K mi. \$9,500. Ext. 4846 or 298-5507.

99 TOYOTA COROLLA - dealer serviced, excel. cond. 114K mi. \$4,995/neg. 514-9871.

98 HONDA CIVIC EX COUPE - 2-dr, new tires & batt., s/roof, all pwr., a/c, abs, must sell. 82K mi. \$6,000/neg. Ext. 4705 or 929-4978.

98 HONDA PRELUDE - black, a/t, tons of extras. 91K mi. Matthew, 278-3686.

97 FORD ESCORT LX - 4-dr sedan, a/t, grt. gas mi. & cond. \$2,000. 917-513-2729.

97 VW CABRIO CONVERTIBLE - a/t, green/gray, new tires, leather, exh. sys. & timing belt, v.g.d. cond., 92K mi. \$4,800. 921-4000.

96 PONTIAC GRAND AM - a/t, 2-dr, ABS, dual a/bags. Avail. end Oct. 118K mi. \$2,000/neg. Xiaorong, Ext. 6160 or 646-244-0230.

95 FORD WINDSTAR LX - 3.8L, 6 cyl., 22mpg hwy, 75 mi. on motor, fnt/r a/c, c/c, abs, p/w, 126K mi. \$3,450/neg. 864-8119.

95 BUICK SKYLARK - 4dr., 6cyl., abs, a/t, a/c, all pwr., am/fm/cd, excel. cond. 107K mi. \$1,950/neg. Mao, Ext. 6984 or Ext. 1136.

95 TOYOTA CAMRY LE - a/c, p/s, cruise, am/fm/cass., alarm, new batt. & tires, reliable. 23K mi. \$3,800/neg. 591-1183.

94 HONDA ACCORD EX - 4-dr., 4-cyl., A/C, m/roof, all pwr., runs v. well. All maint.nance recs. 215K mi. \$2,300/neg. 581-8119.

94 DODGE CARAVAN - Minivan, 7 passenger, a/c, p/s, dual front air bags. vg. cond. 96K mi. \$1,850/neg. Chen, 949-5257.

92 MERCURY COUGAR LS - great cond., v. reliable. 110K mi. \$2,800/neg. 399-9430.

92 INFINITI G20 - 4cyl., 4dr., 5spd., abs, p/s, p/l, p/w, a/c, am/fm/class., new batt., vg. cond., 134K mi. \$1,500/neg. Kim, Ext. 3839.

91 TOYOTA PREVIA ALL TRAX - blue, excel. cond., 140K mi. \$2,250/neg. 525-7208.

91 CHEVY S10 BLAZER - 4.3L 4WD, new alt., batt. & starter. Just tuned. \$1,125/neg. Mary, Ext. 3670.

90 TOYOTA CAMRY LE - 6-cyl. with all option pkg. Well maint. Runs well. 744-8386.

86 CHEVY CELEBRITY - Garage kept, V6 auto w/full power & Euro-sport package. 14K mi. \$2,500/neg. Ext. 4618 or 736-2728.

SUBWOOFER BANDPASS BOX - 10-in. like new, used briefly, enclosure only, holds 2 10-in. subs, \$40. Seth, Ext. 7056 or 871-3459.

TIRES - 2 Michelin. 215/70R15, on GM rims, almost new, \$25/ea. Ext. 3828 or 751-7250.

Boats & Marine Supplies

22' CATALINA C22 - 1973 Swing Keel, good cond. \$1,200/neg. 379-4036.

Furnishings & Appliances

BEDROOM SET - 3 pc. Queen water bed, 5 drawer dresser, night stand. Black vinyl. \$350/neg. 366-3390.

BEDROOM SET - 7-pc., bleached pine w/floor design, excel. cond. Ext. 2788 or 828-1196.

BUNK BEDS - wood, w/2 mattresses. paid \$300, asking \$125. Ben, 9219133.

COMPUTER DESK, FILE CABINET - both wooden; desk, \$30; file, \$20. Yongjiae, Ext. 8485 or 816-3499.

DEHUMIDIFIER - Hampton Bay. Runs v. well. 25pts/day. \$25. John, Ext. 4028.

FILE CABINET - Four-drawer, 27-in. deep file cabinet, \$10; freezer, upright, gd. cond. \$25 obo. 821-2652.

FOYER TABLE - Foyer table, mtchg. mirror. Fr. Country, hand-painted, \$125; 2 wicker rockers, \$175/both. 289-4442.

FURNITURE - Pine, early American hutches, prof. office desk, etc. 208-0408.

FURNITURE - Loveseat, \$35; table lamp \$25; maple end table & chair (need refinish), \$25/both; wicker stand, \$15. 803-0506.

FUTON SOFA BED - full size, w/hnew navy blue cover & sturdy black metal frame. vg. cond. \$75. Georgia, Ext. 7957 or 286-8869.

LAMPS - 3 ceramic lamps \$30/all; 1 floor lamp, \$3. Ext. 3387.

LOVESEAT - trad., floral design upholstery, good cond., pics available. \$30. Ext. 3621.

MASTER BEDROOM SETS - two, \$150 ea.; white iron daybed \$120; bassinet \$20; 2 capt. chairs 2/\$15. Ext. 7007.

MATTRESS, FUTON - queen matt. w/box spring, rail, \$150; Tw. matt. w/box spring, \$100; futons, \$40, \$75. Ext. 8485 or 816-3499.

POOL VACUUM - Aquabot pool cleaner, fully autom, cost \$795, ask \$275. 208-0408.

RACE CAR BED - mattress & foundation incl., excel. cond. \$95. 289-3586.

VACUUM CLEANER - Oreck Model XL - Upright, good cond., ask. \$95. 208-0408.

Audio, Video & Computer

AMPLIFIER - Kenwood KAC929 1000 Watt amp & 2 Kenwood 12-in. subwoofers. Asking \$500. John, Ext. 5912.

CELL PHONES - 2 Nextel model #I710, buy & reactivate. \$75 ea.. Fred, Ext. 5319.

GLOBECAST SATELLITE SYST - Intelsat 5, free internet channels, globeCast-worldtv.com, \$50. Ext. 5244 or 764-6605.

INFINITY IL60 SPEAKERS - Infinity IL60 speakers. Hardly used. Paid \$1500, asking \$600. Mary, Ext. 3670.

TVS, MORE - Sony 32" tv, \$200, Oak tv stand, \$90; Sharp 14" tv, \$60; stereo, \$70; JVC vcr, \$10. 816-3499.

VHS VIDEO COLLECTION - \$2/ea., quantity discounts. Call/e-mail for list. Seth, Ext. 7056 or 871-3459, or sriviera@bnl.gov.

Sports, Hobbies & Pets

ANIMAL CARRIER - extra lg. VariKennel 150 40"x27"x30" \$50. Gary, Ext. 2155.

BIRD CAGES - 2 cages about 14"x15"x11" and 16"x20"x13" with accessories. excel. cond., \$20/ea. Ext. 3828 or 751-7250.

CAMOUFLAGE - Military style, to conceal unsightly items, 2 sheets/\$75. 208-0408.

CAMPING - TENT - Fits 3 people, used once. 738-7230.

CUSTOM GLASS JEWELRY - necklaces & bracelets made from one-of-a-kind lampwork borosilicate/dichroic pendants, glass, beads. 803-0506.

EXERCISE EQUIP - Universal 4-station mach., extra weights, best offer. 208-0408.

FISH TANK - 10-gal. fish tank with some accessories, \$15/obo. Nancy, 821-2652.

MEN'S HIKING SHOES - Goretex, new, US size 9, "Zamberlan", \$80. Igor, Ext. 5801.

SKIS - 2 sets w/poles \$10 ea. set. Ext. 7007.

Tools, House & Garden

GENERATORS - 2; 2-cycle, 1,280 watts, new, \$200; 1,000 watts, 1 yr. old, portable, \$200; 2 lawn mowers, \$75 & \$50. 369-9720.

PORTABLE SWIMMING POOL - 16x4', all access., 3/4 hp pump w/cartridge filter, easy set up. Best offer or trade. John, Ext. 5409.

WEED WACKER - Echo, brand new, 2-cycle. \$25. Fred, 369-9720.

WOOD BURNING STOVE - Front & side loader. Pic. avail. \$100/neg. 345-0063.

Miscellaneous

7.5 MEYERS PLOW - power angle, garage-kept, excel. cond., asking \$2,200. Anthony, Ext. 4669 or 286-1467

FLORAL WREATH - x-large. Beautiful. Blue & mauve hydrangea. \$75. Mary, Ext. 3670.

GOLF SHIRTS - new, short-sleeved, mercerized cotton shirts. Size XL, \$10/ea. John, Ext. 5283.

PRODUCE SCALE - large, \$25. Sue, Ext. 7235 or 399-7997.

STOLEN JEWELRY - from my car while at gas station, please return, no questions asked, reward. Carl, Ext. 3084.

SWING SET - Step 2 set, slide, 2 swings, climbing structure, hide-away area. vg. cond. Ask \$225. 382-9704.

WEDDING GOWN - White One/W1 brand, sample, never worn, cathedral train, \$550, orig. \$1350. Pics avail. 205-5903.

Yard & Garage Sales

PATCHOGUE - 9/17 Multi-family, extras, DIY, electronics, toys, furniture. 199 Grove Ave, 8am-5pm. Rain date 9/18. Ext. 2459.

ROCKY POINT - Multi-family, Fri. 9/9 & Sat. 9/10, 9am-4pm, 6 Walnut Rd. (25A to Brookhaven to Walnut). Ext. 5132.

Wanted

GERMAN SPEAKING STUDENTS - German Language School LI now enrolling, German-speaking ages 2-12. 929-0043.

RENTAL - 2-bdrm. house or apt. in SWR School District. Male, prof, single parent w/15-yr son. Don, Ext. 7237 or 929-6571.

SEWING MACHINE - Working. Free or low price. Ext. 3114 or 344-1019.

Lost & Found

MAN'S ID BRACELET - Left at the clinic. Ext. 3670.

On-Site Service Station

While you are at work, Upton Industries Inc. the on-site service station, can check and replace your vehicle's brakes or battery, perform an oil change or NYS inspection, and renew a time belt. Call Ext. 4034 for an appointment.

Free

BICYCLES - 2 26", 3 speed British bicycles for woman. Ext. 3828 or 751-7250.

TRUNK - Steamer trunk, medium size. Nancy, 821-2652.

For Rent

BELLPORT - Furn. room, 15 min to BNL. Share bath, kitchen w/quiet female, mature grad. student, non-smoker only. No sleepovers, no parties, no pets. \$675/mo. 803-0506.

BROOKHAVEN HAMLET - 4 BR, 11 antique-filled rms, outdoor l/r, FP, 1.5 acre grnds. Pool, 2-1/2 bath, d/w, w/d, oven. Nov 1-May 1. Util incl. \$2,500/mo. 286-4485.

BROOKHAVEN HAMLET - 4br/2bath. Dec-Apr (neg). Stove, f/p, heated sun porch, WiFi. See <http://tinyurl.com/ckskjn>. michael@rmrco.

Louisiana Red in Concert, 9/23 With Doug 'Harmonica' McLean

The American Primitive String Band Opens Show

The veteran blues musician Louisiana Red will appear in concert with Doug "Harmonica" McLean, a local blues artist, in Berkner Hall on Friday, September 23, at 8 p.m. The American Primitive String Band, another local group, will open the show with a performance based on the 1952 recording titled *The Anthology of American Folk Music*. Sponsored by the BNL Music Club and the Long Island Blues Society, the concert will be open to the public. All visitors to the Laboratory age 16 and over must bring a photo ID.

Performing for more than 50 years with such blues greats as B.B. King, Jimmy Rogers, Otis Spann and Muddy Waters, Louisiana Red is considered one of the best blues-musician storytellers. Through his guitar-work and singing, Louisiana Red has created his own style. His albums have been critically acclaimed as masterpieces, and, in 1983, he won a W.C. Handy Award as best traditional blues artist.

Doug "Harmonica" McLean has played the Long Island blues scene since the 1970s, when he first played with Louisiana Red. A master of all styles of mouth harp, McLean has performed at BNL several times.

Composed of three of Long Island's top folk musicians — Kenny Holly, Ken Korb and Dee Harris — The American Primitive String Band will play American folk music that was originally commercially released on 78 rpm records between 1927 and 1935. These recordings have been extremely influential in shaping the popular music scene in the U.S. in the 1950s and later, inspiring contemporary musicians such as Bob Dylan.

Tickets for the concert cost \$15; they may be purchased in advance from ticketweb.com; from the BERA Sales Office, weekdays from 9 a.m. to 3 p.m.; or at the door on the evening of the performance. Profits will be donated to hurricane Katrina victims' relief. Call Ext. 3846 for information.



Louisiana Red

Photograph by James Fisher

com \$2,000/mo./neg. 631-374-2537.

CENTER MORICHES - 1-bdrm. 2nd flr. apt., walk to shop., priv. ent, off-st. pkg., bath, kit, gas stove, new carpet/paint, w/d, no smkg/pets \$1,100/mo./neg. 736-2275.

CORAM - 1 bdrm. in 2BR apt., heat, hot water incl. Split elec., cable, internet. Tennis, pool, gym, incl., pking. \$650/mo. 791-9044.

COROLLA, NC - Priv. oceanside vac. home, 5 min. walk to ocean, 5 BR/3 bth, pool, hot tub, billiard room, www.family-vacation-homes.com. \$2,795/wk. 889-5303.

E. SHIRLEY - room, fully furn, eik, lv/bdrm combo, full bath, sep. ent. N/S, N/P. 1 mo. sec. 5 min to stores/beach. 15 min Lab. \$700/mo. 804-8609.

EAST YAPHANK - new, gr.-level, 1 BR apt, semi-furn., priv. ent., A/C, ceramic tile, berber. No smkg/pets. 1 mo. sec., \$950/mo. incl. all. 772-2905.

EAST YAPHANK - 1 bdrm. kit./r, full bath, incl. heat, hot water, basic cable, elec., no smkg/pets, \$900/mo. 680-6797.

LAKE PANAMOKA/RIDGE - 3-bdrm. waterfront ranch, garage, bsmt., sec. & util's extra, avail. immed. \$1,950/mo. 886-1545.

MANOR PARK - lg. 1-bdrm. apt., 10 min. to BNL, incl. all. \$900/mo. 399-2683.

MANOR PARK - 2-bdrm. 1st flr apt. priv. ent. sep thermostat. Use of yard. Eastport-South Manor schls. No smkg. & pets neg. All incl. \$1,600/mo. Ext. 5154 or 707-2549.

MANORVILLE - Share furn. 2 bdrm. apt.: yours 12'x18', own bath. I'm gone F-Tu am. l/r, d/r; w/d, a/c. \$600/mo. if you feed cat F-Tu. Heat incl. \$750/mo. (917)865-9668.

MILLER PLACE - 1 bdrm. house, residential area, 12 mi to BNL, utils incl, no pets/smkg, 1 person pref. rtsabari@bnl.gov. \$975/mo. Rakefet, Ext. 3614.

MILLER PLACE - Share large furn. house, cac, internet, tv, fenced backyard, deck, own w/ 12x13 bdrm. prof. resid. area, 9 mi. to BNL. Mature non smoker \$675/mo. 744-8386.

NAPLES, FL - new condo, Cypress Wood Golf & Country Club, 2 bdrm, 2 bath, sleeps 4-6, fully equipped kithc., all linens, \$1700-\$3,500/mo. Denice, 631-208-0196.

RIDGE - 3 bdrm. apt. on the 2nd floor of a high ranch house, with full bath, kitch., living room, laundry room, large deck and back yard. All incl. \$2,000/mo. 821-0859.

RIDGE - Large gr.-level bsmt. 1 bdrm. newly renovated. Incl. cable, heat, elect. no smkg/pets. \$1,200/mo. 516-369-8041.

ROCKY POINT - New 1 bdrm, priv. entr., yard, quiet woody area, 1 mo. sec., util. & cable incl. Cat OK. \$1,000/mo. 929-2867.

SAYVILLE - 1-bdrm. apt. sep. ent. on quiet str., utilities, cable, use of washer/dryer incl., near all, no smkg./pets. \$950/mo. Ext. 4450.

SHIRLEY - 3-bdrm. house, 1 bath, l/r, d/r, just renov. \$1,750/mo. 834-1453.

SOUND BEACH - Cozy 1 bdrm, 1 bath house. Nice yard, new carpets, 15 min to Lab. Pets ok \$1,100/mo. John or Pete, Ext. 4028.

YAPHANK - studio apt., fully furn. for one, pvt. ent., 4 mi. to Lab, cable, high-spd internet, all incl. \$850/mo./neg. 924-3049.

In Appreciation

To all of you throughout the Laboratory, my family sends thanks for your support through these difficult times of our mother's passing away. Sincere thanks from the De Voe family.

— Joseph De Voe
Our deepest appreciation to friends & associates for the prayers, condolences, heartfelt support & contributions to the MS Society in memory of my wife, Candy. The memories are fond ones & your friendships are cherished.

— Bob Aikman & Family

Gym, Pool Open Saturdays

The gym and pool are now open on Saturdays. The gym will be open 10 a.m.-4 p.m., and the pool will be open noon-4 p.m. Both facilities will be closed on Sundays and on all Lab holidays. For a complete schedule, see www.bnl.gov/bera.

Defensive Driving, 10/1

A six-hour defensive driving course for BNL, BSA, and DOE employees, BNL facility users, and their families will be held on Saturday, October 1, in Berkner Hall, Room B, 9 a.m.-3:30 p.m. To register, send a check at \$30/person made payable to NYSTA, to NYSTA, c/o Don Kelley, P.O. Box 185, Selden, NY 11784. Write the course date on the check and include your phone number in case you need to be contacted.

On the Web, the Bulletin is located at www.bnl.gov/bnlweb/pubaf/bulletin.html. A calendar listing scientific and technical seminars and lectures is found at www.bnl.gov/bnlweb/pubaf/calendar.html.

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