

## Distinguished Inventors Honored by Battelle

This year, BNL's Suresh Srivastava, Medical Department, and Toshi Sugama, Energy Sciences & Technology (ES&T) Department, were among the 29 distinguished inventors honored by Battelle from throughout its complex, including the national labs that Battelle manages or co-manages for DOE. The inventors, who had all been awarded at least 14 patents during their careers, were invited to a special ceremony hosted by Battelle President and CEO Carl Kohrt in Columbus, Ohio.

"We're very proud to recognize Battelle's history of innovation and the talented scientists behind it," Kohrt said. "Patents enable good things to happen. They're instrumental in bringing new technologies to the marketplace, they enhance the quality of our lives, and they ensure the future well-being of Battelle, the national labs, and the national interest."

Battelle plans on honoring its inventors by holding a ceremonial plaque dedication each year. The inventors' achievements range from early patents in xerography, to cutting-edge work in fiber optics and new polymer applications, to medical advancements.

BNL's Suresh Srivastava, who heads Medical's Radionuclide & Radiopharmaceutical Program, holds 22 patents in the field of nuclear medicine for diagnostic imaging, bone cancer therapy, and bioengineered monoclonal antibodies radiolabeled using novel bifunctional chelating agents for molecular imaging and radioimmunotherapy of cancer. For his work in inventing a novel technetium-99m red-blood-



Gathered to congratulate Suresh Srivastava (second from left) of the Medical Department and Toshi Sugama (fourth from left) of the Energy Sciences & Technology (ES&T) Department, who were honored this year as Battelle Distinguished Inventors, are: (from left) Ralph James, Associate Laboratory Director for Energy, Environment & National Security; Linda Chang, Medical Chair; Nora Volkow, then Associate Laboratory Director for Life Sciences; BNL Director Praveen Chaudhari, and ES&T Chair William Horak. Srivastava and Sugama each hold a plaque engraved to mark their achievements, presented by Battelle President and CEO Carl Kohrt at a special ceremony in Columbus, Ohio.

cell labeling kit, he was awarded the 1986 IR-100 award and the 1988 Federal Laboratory Consortium Special Award for excellence in Technology Transfer. Patented in 1988, the kit was tested, approved by the FDA, and then marketed starting in 1991 by Mallinckrodt Medical, Inc. Since then, the kit has been used in over 2.5 million patients in more than 1,000 hospitals, and has provided quantitative information to doctors for the definitive diagnosis of cardiovascular diseases, with no adverse effects. At least six patents relate to a very promising new radiopharmaceutical, tin-117m DTPA (STANAMET®), which has been undergoing advanced clinical trials for the treatment of bone pain in cancer patients. Over the years, Srivastava's basic research has been funded by DOE's Office of Science's Offices of Biological & Environmental Research and Nuclear Energy, Science & Technology; the National Institutes of Health; and industry.

BNL's Toshi Sugama, an ES&T chemist, holds 14 patents, of which four have won an R&D 100 award from R&D Magazine. Most recently, through his research supported by DOE's Office of Science's Geothermal Materials Program, Sugama developed a high-performance coating that has been commercialized through the DOE Geothermal Program as CurraLon® for use in heat-exchanger tubes in harsh, hot, corrosive environments. Also supported by the Office of Science, Sugama had won R&D 100 awards in 2000, for a high-performance cement particularly suited for use in geothermal wells; in 1999, as a member of the BNL research team developing an asbestos-digesting foam; and in 1988, with other BNLers, for developing an economical zinc-phosphate coating system that reduces corrosion of steel surfaces.

— Liz Seubert

## NSLS 2003 Annual Users' Meeting Highlights Scientific Successes, Exciting Future Plans

A spirit of optimism pervaded the 2003 annual meeting of National Synchrotron Light Source (NSLS) users, held at BNL May 19-21, 2003, with presentations on scientific successes and plans for new facilities.

"A lot of good things have happened at BNL in the last year," said Doon Gibbs, BNL's Interim Associate Laboratory Director for Basic Energy Sciences, as he welcomed NSLS users from around the country and the world to the Tuesday morning main meeting, chaired by Tony Lanzirotti of the University of Chicago, Chair-Elect of the Users' Executive Committee (UEC). Gibbs pointed out that BNL had made "great strides" toward establishing a new Center for Functional Nanomaterials (CFN) and toward significantly upgrading the NSLS. He also noted that several highly qualified people had been brought into BNL leadership positions, including Praveen Chaudhari, the new Laboratory Director.

In introducing Peter Paul, Deputy Director for Science & Technology, Gibbs also took the opportunity to thank Paul for his steadfast leadership as Interim Director during the past two years.

Paul, whose task was to give an overview of BNL, echoed a statement made by Chaudhari at the previous week's RHIC & AGS Users' Meeting, that DOE program managers take a great risk when they build new facilities with the hope that users will come and do good science. "Fortunately it has always seemed to work out, but we can't take it for granted," Paul said, emphasizing how important it is to have an active user community, such as that at the NSLS, to keep a facility strong. With such involved users and the new leadership at the Lab — including Chaudhari, Gibbs, James Miseswicz as Materials Science Department Chair, Robert Hwang as CFN Director, and Alex Harris as Chemistry Department Chair — "We are all set to move forward," Paul said.

After describing improvements in support services, housing, and other facilities for users, Paul spoke of the CFN, recent findings at the Relativistic Heavy Ion Collider, and the proposed NSLS-II, a third-generation light-source ring that would be the future center of synchrotron activity at BNL and in the Northeast. "The Laboratory will commit all the resources we can muster to make this a reality," he said.

Bob Hwang then presented details of the CFN, recognizing that "the current excitement in nanoscience is based on work that has been going on for decades at synchrotrons like the NSLS, and you, the users, are a big part of that." He asked NSLS users for help in shaping the new center, noting that the



Among speakers and attendees at the Annual National Synchrotron Light Source Users' Meeting are: (from left) Tony Lanzirotti, University of Chicago; Steven Dierker, BNL; Patricia Dehmer, DOE; Doon Gibbs, BNL; Pedro Montano, DOE; Peter Paul, BNL; Leemor Joshua-Tor, Cold Spring Harbor Laboratory; and Chi-Chang Kao, BNL.



Members of this year's planning committee for the NSLS Users' Meeting include: Ron Pindak, BNL; Annie Heroux, BNL; Dan Fischer, National Institute of Standards & Technology; Lisa Miller, BNL; Liz Flynn, BNL; Lydia Rogers, BNL; Mary Anne Corwin, BNL; Sue Wirick, Stony Brook University; and Tony Lanzirotti, University of Chicago.

CFN, like DOE's four other nanoscience research centers, was co-located within an existing DOE research facility, in this case the NSLS, to build on existing strengths.

Like the NSLS, the CFN will be a user facility, with a similar process for reviewing proposals. With a range of complementary facilities focused on six scientific areas, the CFN will address the goal of tailoring materials' responses to achieve specific functionality based on an understanding of nanoscale phenomena.

Offering one example of what nanoscience might yield, Phaedon Avouris of IBM's T.J. Watson Research Center then gave the meeting's keynote address on "Carbon Nanotube Electronics."

With a break from science to focus on funding, UOP's Simon Bare, lobbying coordinator for the UEC, then urged

all NSLS users to learn about the federal funding process and to get involved.

Users could help to "educate" their own legislators and the congressional committee members vital to science funding — via letters, phone calls, office visits, and even op-ed articles in newspapers — about the importance of research sponsored by DOE's Office of Science. Several bills that propose increased funding for the Office of Science are pending, he said, so to take action now is vital. For more information, see: <http://www.nslsuec.org>.

The meeting's next session was chaired by Ron Pindak, Head of Science Program Support for the NSLS. Patricia Dehmer, Associate Director of Science for Basic Energy Sciences (BES) within DOE's Office of Science, started the session. "After hearing this morning's

(continued on page 2)



At Tuesday's Western-style banquet, Michael Sullivan, Chief Beam Line Engineer for Albert Einstein College of Medicine, was presented with the UEC Community Service Award for service, innovation, and dedication to NSLS users.



Robert Hwang (left), who is Director of the Lab's new Center for Functional Nanomaterials.



Keynote speaker at the meeting is Phaedon Avouris (left) of IBM's T.J. Watson Research Center.

Photographs on this page are by Roger Stoutenburgh.



Calendar  
of Laboratory Events

- The BERA Sales Office is located in Berkner Hall and is open weekdays from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347; or Chris Carter, Ext. 2873.
- Additional information for Hospitality Committee events can be found at the Lollipop House and the laundry in the apartment area.
- The Recreation Building (Rec. Hall) is located in the apartment area.
- Contact names are provided for most events for more information.
- Calendar events flagged with an asterisk (\*) have an accompanying story in this week's Bulletin.

— EACH WEEK —

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](http://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/](http://www.bnl.gov/bera/activities/choir/).

Mon., Tues., & Thurs.: Kickboxing

\$5 per class. Mon. & Thurs. noon-1 p.m. in the gym; Tues., 5:15-6:15 p.m. in the gym; Thurs., 5:15-6:15 p.m. in Brookhaven Ctr. Registration is required. Christine Carter, Ext. 2873.

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

Noon- 12:45 p.m., Brookhaven Center North Room. Adam Rusek, Ext. 5830 or [rusek@bnl.gov](mailto:rusek@bnl.gov).

Mondays: BNL Dance Club Ballroom, Latin & Swing Practice

5:30-7 p.m. North Ballroom, Brookhaven Center, except Lab holidays. Jean Logan, [jlogan@bnl.gov](mailto:jlogan@bnl.gov) or Ext. 4391.

Tuesdays: Welcome Coffee

10-11:30 a.m. Rec. Hall. Hospitality event. Come and meet friends. The first Tuesday of every month is special for Lab newcomers and leaving guests. Hospitality Chair Monique de la Beij, 399-7656.

Tuesdays: BNL Music Club

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

Tuesdays: Singles Club

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

Tuesdays: BNL Dance Club Individual & Couples instruction

5-11 p.m. North Ballroom, Brookhaven Center. Ron Ondrovic, [ondrovic@bnl.gov](mailto:ondrovic@bnl.gov) or Ext. 4553.

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](http://www.bnl.gov/bera/activities/toastmasters/default.htm).

Tuesdays & Thursdays: Aerobics

5:15-6:30 p.m., \$4 per class. Rec. Hall. Pat Flood, Ext 7886.

Tuesdays & Thursdays: Aqua Aerobics

5:15-6:15 p.m. Christine Carter, Ext 2873.

Wednesdays: On-Site Play Group

10 a.m.-noon. Rec. Hall. An infant/toddler drop-in event. Parents meet while children play. Svetlana Agafonova, 205-5065.

Wednesdays: Farmer's Market

11:30 a.m.-1:30 p.m., Berkner Hall lawn.

Wednesdays: Weight Watchers

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

Wednesdays: Yoga Practice

Noon-1 p.m., Brookhaven Center. Free. Ila Campbell, Ext. 2206.

Wednesdays: Open Chess Night

5-8 p.m., Rec. Hall. Christine Carter, Ext. 5090.

Wednesdays: Exercise 101

5:15-6 p.m., Rec. Hall. \$4 per class or \$35 for 10 classes. Stretching, low-impact aerobics, and other exercises. Pat Flood, Ext 7886.

Wednesdays: Dance Club Group Lessons

6-9 p.m. North Ballroom, Brookhaven Center. Series 4 lessons started 4/9. Marsha Belford, [belford@bnl.gov](mailto:belford@bnl.gov) or Ext. 5053.

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](mailto:rudy@bnl.gov).

Fridays: Jiu Jitsu Club

6-7 p.m. in the gym. All levels, ages 6 and above. \$10 per class. Tom, Ext. 4556.

— THIS WEEKEND —

Saturday, 6/7

Atlantic City Bus Trip

Bus leaves Brookhaven Ctr. at 8 a.m. and departs Atlantic City at 7 p.m. Purchase tickets at the BERA Store, 9 a.m.-3 p.m. You must be at least 18 years of age to participate.

— WEEK OF 6/9

Wednesday, 6/11

Rifle & Pistol Club Meeting

Noon, Conference Room, Bldg. 535. All are welcome to join and learn about club activities. Jim Durnan, Ext. 5993, or [www.bnl.gov/bera/activities/rpc/](http://www.bnl.gov/bera/activities/rpc/).

Thursday, 6/12

Cycletrons Motorcycle Meeting

4:45 p.m., Brookhaven Center. Frank Cetero, Ext. 2012.

Community Advisory Council Meeting

6:30 p.m., Berkner Hall, Room B. Open to the public. For more information, see [www.bnl.gov/community/CAC.htm](http://www.bnl.gov/community/CAC.htm).

NSLS 2003 Annual Users' Meeting

(cont'd.)



Poster prizewinners at the 2003 NSLS Users' Meeting are: (from left) Ally S.-Y. Chan, Rutgers University; David Linkous, George Mason University; Hidenori Tashiro, University of Florida; Henrik Loos, BNL; Daisuke Kawakami, Stony Brook University (SBU); and V.G. Alexandratos, SBU.

talks," she said, "it strikes me that this is the beginning of a transition period for the Lab, and I'm very optimistic about the future of this institution."

Long-range planning within BES has resulted in a recommendation for a general upgrade to provide a full return on capital investments at existing light sources, Dehmer explained. Another recommendation was for the NSLS II upgrade. "This rated very high," she said, encouraging the spontaneous applause that erupted, adding, "You can thank Steve [Dierker, NSLS Chair] for doing such a good job at the presentation."

Referring to the five DOE Nanoscale Science Research Centers, she said, "We are extremely happy that one of those is at Brookhaven. These [nanocenters] are going to be a very, very important component of the BES family of facilities."

Dehmer then gave her "Totally Unsanctioned Safety Seminar," drawing partly from her own lab experience. The bottom line: "It is possible – and required – to run your laboratory safely, and Pat will become a pest [with investigations and possible cuts in funding] if you mess up."

Following Dehmer, Steve Dierker gave an overview of recent NSLS successes, including Roderick MacKinnon's "spectacular piece of work" on voltage-dependent potassium ion channels, featured on the cover of the May 1 issue of *Nature*; studies of materials that expand under pressure; and a paper on cell membrane fusion that explains "one of the most basic processes" of cell division. "This has been an action-packed year, with a lot of exciting developments," he said.

Dierker gave credit to the NSLS's support staff, saying, "None of these advances would have been possible if we could not deliver the photons to the end of the beam line. It takes a dedicated and talented staff and a determined effort to keep both rings running reliably."

Dierker then reviewed the many beam-line and instrumenta-

tion improvements of the past year, and talked about the proposed NSLS II.

This \$350 million upgrade, featuring a new x-ray storage ring three times larger than the current NSLS, would be constructed on Brookhaven Avenue, across from the existing structure, featuring 21 superconducting undulator beam lines and providing the highest brightness of any existing light source, with much shorter pulses.

"Our goal is to build the ultimate medium-energy storage ring," Dierker said. "We would see a huge impact from these enhanced capabilities, especially in the areas of nanoscience and protein crystallography, as larger cells and smaller crystals could be analyzed."

The meeting continued with scientific talks on nanoscience, thin films, x-ray crystallography, and new x-ray sources. During the afternoon session chaired by Lisa Miller, Coordinator of the NSLS's Information & Outreach Office, the UEC Community Service Award was presented to Michael Sullivan, Chief Beam Line Engineer for Albert Einstein College of Medicine, for service, innovation and dedication to NSLS users. The winners of the Student/Post Doc Poster Contest — V.G. Alexandratos, Stony Brook University (SBU); Ally S.-Y. Chan, Rutgers University; Daisuke Kawakami, SBU; David Linkous, George Mason University; Henrik Loos, BNL; and Hidenori Tashiro, University of Florida — were also announced.

Users were then invited to hear more about the BNL nanocenter and encouraged to meet with CFN scientific and facility leaders before adjourning for the meeting's Western-theme banquet in Berkner Hall.

— Karen McNulty Walsh



Enjoying the "Western" flavor banquet held at the 2003 NSLS Users' meeting are the NSLS User Office staff, past and present: (standing, from left) Gretchen Cisco, Eileen Pinkston, Susan Hatzel, Liz Flynn; (seated, from left) Lydia Rogers, Nancye Wright, Brian Bindert, Mary Anne Corwin, and Melissa Abramowitz.

Roger Stoutenburgh 07310503



BNLers Appreciate BSA's Recitals

On the first Wednesday of the month, from way back when, the Brookhaven Lecture Committee — a multidisciplinary group of scientists who plan the Brookhaven Lecture series — had met with the next lecturer to preview and critique the upcoming talk. But, last year, the committee voted to meet on Tuesdays, leaving Wednesday noontime free.

BNL music lovers hardly need to be told why this change was made: the noon recitals, which BSA started funding some four years ago, are held nearly every other Wednesday.

Said Geoffrey Hind, Biology Department, who coordinates the events, "Having recitals at noon was an innovation designed to provide a mid-week change of pace to Lab staff who appreciate live music. Rockefeller University has a similar free noontime series on Fridays."

The advantage of recitals on Wednesdays, Hind explained, is that musicians will come for a much lower fee than applies on Fridays and at weekends, so BNL is able to stage artists from Europe, South America, and the West Coast who are on their way to a major Manhattan venue.

"However, about half our limited funding goes to current or recent students in the Stony Brook Music Department doctoral program," Hind said. "These are outstandingly gifted young people, fully committed to a career path in musical performance and thankful for experience before our quiet and appreciative audience."

Gifted players who are children of employees are another musical resource for Hind and the Cultural Events Committee.

For example, in May, Tomoko Fujita, the daughter of Etsuko Fujita in the Chemistry Department, gave a wonderful performance on the cello (a feature on the Fujitas, mother and daughter, will appear in a forthcoming Bulletin).

"Our very first recital was given by pianist Eric Sun, son of Casper Sun in the Radiological Control Division," recalled Hind. "We're also particularly proud of our role in providing stage experience and rehearsal time to the Daedalus String Quartet, three of whose members are from the local community, and one of whom — Raman Ramakrishnan — is the son of a former BNL biologist. They went straight from BNL to the Banff International String Quartet Competition where they won two first prizes."



Audience Enthusiasm

One of the many regular noon recital-goers is Paul Kalb of the Environmental Sciences Department.

"I go as often as I can," said Kalb. "So do others — the audience has steadily increased since the recitals started. The quality is very good. It's nice to have the opportunity to hear good music at the workplace."

Michael Herbert of the Photography & Graphic Arts Division is another BNLer who enjoys the noon concerts. "I can't always get away, but, for me, listening to music is a great way to wind down. It breaks up the day and I go back to work feeling better," he said.

Yimei Zhu, Department of Materials Science, also goes to noon recitals whenever possible. "I like to hear music, and these concerts are so easy to go to," he said. "You can walk in whenever you have the time and listen to very good performers."

Yet another concert fan is Greg Fess, BSA General Counsel. "I was telling some of my friends who work in New York City about our noon concerts, and they were so envious," said Fess. "While they're eating a deli sandwich at their desks, I'm listening to Bach! Just another reason to be glad to be at BNL!"

Pressed to reveal future plans, Hind said: "Next season we hope that the Berkner stage will be graced by an all-female wind quintet from the West Coast, a Russian 13-year-old harp prodigy on his first U.S. tour, and a young Canadian who fiddles as she performs traditional step dances."

— Liz Seubert

Note: BSA recitals are advertised in the Bulletin and on BNL's Homepage on the Web. More detailed information for upcoming events is at <http://music.bnl.gov>.

Roger Stoutenburgh 0730503

Coming Up Wednesday, June 18, Berkner Hall

- Noon Recital. The award-winning Jacques Thibaud String Trio will perform.
- 4 p.m. Todd Satogata, Collider Accelerator Department, will give a Brookhaven Lecture on Relativistic Heavy Ion Collider accelerator physics.



**‘Music at Noon’**  
**BNL Classical Choir Sings Monday, 6/9**

At noon on Monday, June 9, a group of BNL singers led by Sam Carr, Physics Department, will give a concert in Berkner Hall. The program includes piano and singing solos and choral works by Samuel Barber, Gabriel Fauré, Wolfgang Mozart, and John Rutter. All are welcome. More information is at <http://www.cmth.bnl.gov/~carr/bnlchoir.html>.

**Benefit Notes: Qualifying Events**

Changes to medical and/or dental coverage may be made during the benefits annual open enrollment. Also, some changes may be made within 31 days of when a qualifying event occurs. Qualifying events include: birth or adoption of a child, marriage, divorce or legal separation, loss of dependent status (for instance, graduation, attainment of age limit, or no longer a full-time student), death of a dependent, change in the place of residence or worksite, or a spouse's gain or loss of employment. The Benefits Office will need documentation of the qualifying event.

For the change in benefits to be approved, the qualifying event must closely relate to the requested change in benefits. For example, if a child is born, a participant may add the child to his/her medical coverage. The participant cannot drop medical coverage at that time.

In addition, depending on the situation, some items that might be updated at the time of a qualifying event are:

- covered dependents for medical and/or dental coverage
- life insurance beneficiaries
- tax withholdings on Form W-4
- address change
- emergency contacts.

For more information or to change your benefits within the 31 days of the qualifying event, contact the Benefits Office, Bldg. 185, Ext. 2877 or 5126, or call (800) 353-5321.

**Garden Enthusiasts’ Tailgate Swap, 6/24**

Thin out your garden and bring excess plants and ideas to swap with other garden enthusiasts on Tuesday, June 24, at the gazebo by the softball fields. There should be enough to share without an exchange if you are just starting out. For more information, contact Beth Blevins, Ext. 5630.

**Why Do BNLers Give Blood?**  
**Blood Drive next Thursday & Friday, 6/12 & 13**

Susan Foster, Employee Relations Manager, who coordinates BNL's blood and bone-marrow donation drives, asked several regular BNL donors why they gave blood. She received many inspiring answers which may help other employees in deciding to volunteer their help in this vital area. Two replies are featured below; others will be seen during future BNL blood drives.

“As a volunteer fire person, I have seen many accidents in which blood loss has occurred. In order to save these accident victims, it is obvious that a good blood supply is needed,” says Robert Petricek, Safety & Health Services Division, in answer to the question “Why do I give blood?”

“My blood is clear of any problems and I believe people will appreciate my giving them this life-saving product,” continues Petricek, “and it doesn’t take long to give.”

Another BNL blood donor is Doris Johnson, Plant Engineering Division.

“I donate blood because I hope I’m making a difference and helping someone in need,” says Johnson, who was first inspired to donate by a widely televised blood shortage during severe winter weather. “I had a good feeling after the first time. It took a few more years for me to become a regular donor; I hated needles. But now, I try to donate regularly.”

The next blood drive will be on Thursday and Friday, June 12 and 13, from 9:30 a.m. to 3 p.m. in the Brookhaven Center. Those eligible to donate are people in good health between the ages of 17 and 75 who weigh over 110 lbs. All donors should have photo identification and know their social security number.

To make an appointment, contact Susan Foster, Ext. 2888 or [donateblood@bnl.gov](mailto:donateblood@bnl.gov).



**BNL’s Oil Tanks Cleaned, Inspected**  
**Safely Complying With Suffolk County Regulations**

Currently, BNL's six on-site oil tanks are being cleaned and inspected, a process that is carried out every seven years in accordance with Suffolk County Department of Health Article 12 requirements. Although New York State requires cleaning and inspection of these tanks after ten years, BNL follows Suffolk's more stringent environmental regulations of every seven years for industries with above-ground tanks that hold more than 1,100 gallons of oil.

Overseen by BNL's Plant Engineering (PE) Division and Environmental & Waste Management Services Division, an outside contractor, Miller Environmental Group of Calverton, cleans the tanks.

“Great care is taken to ensure that safety procedures and environmental regulations are properly carried out on the job,” says William Chaloupka of PE.

Chaloupka explains that a worker enters the tank in personal protective equipment, which includes a respirator. Scrubbing the inner floor and walls is done with a hand pump sprayer similar to those used for household tasks such as deck cleaning. Another worker remains outside the tank in the same, heavy-duty protective gear, with a respirator — ready to enter the tank if the person inside slips or falls. Each tank cleansing can take up to several hours.

The oil tanks are located in the tank farm behind the National Synchrotron Light Source (NSLS), adjacent to the Central Steam Facility. Two tanks contain Number 2 oil, which is similar to home heating oil, and four tanks contain Number 6 oil, a heavier oil. The tanks, which range in size from 300,000 to 600,000 gallons, were installed between 1964 and 1996 and have a total storage capacity of about 2,344,000 gallons.

“We use this oil to fuel BNL's Central Steam Facility, which supplies steam for heating and cooling for most of the on-site central core facilities including the National Synchrotron Light Source, Collider-Accelerator, and Berkner Hall,” explains Chaloupka.

The Lab consumes approximately 4,000,000 gallons of fuel annually, an amount that varies with weather and the cost comparison with natural gas, which is also available on site. BNL can burn oil or gas, choosing whichever is the most economical at a given time. According to Chaloupka, this fuel-switching capability saved BNL approximately \$730,000 for fiscal year (FY) 2003.

“It's useful to have a large storage capacity, because, by buying fuel during the summer when fuel rates are lower, and storing it until the winter months, when prices are higher, we reduced BNL's fuel costs by an additional \$590,000 for FY03,” Chaloupka says.

In addition to being cleaned, tanks undergo vigorous inspections by another outside contractor, PCA Engineering of Pompton Lakes, NJ. PCA Engineering is responsible for reporting necessary repairs, which are then carried out by PE under Chaloupka's leadership.

The present round of cleansing and inspecting the tanks will be completed by October. Says Chaloupka, “At all times, we monitor these tanks very closely to ensure that they continue to operate safely and remain environmentally sound.” — Jane Koropsak

**Arrivals & Departures**  
**Arrivals**

Peter Abbamonte ..... NSLS  
Robert Dunlop ..... Plant Eng.  
Jeffrey Fitts ..... Env. Sci.  
Vladimir Litvinenko ..... C-A  
Alexander Nass ..... C-A

**Departures**  
James Brower ... Env. Waste Mgmt.  
George Coutis ..... Ctrl. Shops  
Richard Gonzalez ..... C-A  
Donald Kazmark ..... C-A  
Robert LaMorte ..... Env. Sci.  
James Leskowitz ..... C-A  
James Licari ..... C-A  
Walter Milouski ..... Ctrl. Shops  
Donald Mott ..... Magnet  
Peter Sikinger ..... Physics  
Chan-Chuan Weng ..... C-A  
Christopher White ..... C-A

**Skin-Cancer Seminar**  
**Causes, Prevention, 6/17**

Join Marcia Tonnesen, Assistant Professor of Dermatology at Stony Brook University, at noon on Tuesday, June 17, in Berkner Hall where she will discuss how excessive exposure to the sun and its ultraviolet (UV) rays can cause skin cancer.

Tonnesen will also talk about how to protect your skin from UV radiation and other ways to reduce your risk of developing skin cancer. Check your mailbox for registration forms. For more information, contact Denise DiMeglio, Ext. 2881.

**Calendar**  
**(continued)**

**Thurs. & Fri., 6/12-13**

**\*BNL Blood Drive**  
9:30 a.m.-3 p.m., Brookhaven Center. BNLers from 17 to 75 years of age, in good health, and weighing over 110 lbs. are welcome. All donors should have photo identification and know their social security number. Susan Foster, Ext 2888, [donateblood@bnl.gov](mailto:donateblood@bnl.gov).

**— WEEK OF 6/16 —**

**Tuesday, 6/17**

**\*Skin Cancer Prevention Seminar**  
Noon, Berkner Hall. Marcia Tonnesen, Assistant Professor of Dermatology at Stony Brook University, on causes and prevention of cause skin cancer. See notice below, left. Denise DiMeglio, Ext. 2881.

**Wednesday, 6/18**

**Noon Recital — String Trio**  
Noon, Berkner Hall. Jacques Thibaud String Trio. See next week's Bulletin for details.

**Brookhaven Lecture**  
4 p.m., Berkner Hall. Todd Satogata, Collider-Accelerator Department, will talk on accelerator physics at the Relativistic Heavy Ion Collider.

**\*Free Movie Night — The Matrix**  
7 p.m., Berkner Hall. The English for Speakers of other Languages Program will present the 1999 blockbuster hit *The Matrix*, starring Keanu Reeves, Laurence Fishburne, and Carrie-Anne Moss. The movie is rated “R” for sci-fi violence. Deepali Mitra, Ext. 5360.

**Thursday, 6/19**

**BERA Bridge Club**  
7 p.m., Brookhaven Center, South Room. Morris Strongson, Ext. 4192, [mms@bnl.gov](mailto:mms@bnl.gov).

**— WEEK OF 6/23 —**

**Tuesday, 6/24**

**\*Garden Enthusiasts' Tailgate Swap**  
Noon, gazebo. Thin out your gardens and bring excess plants and ideas to swap. There should be enough to share without an exchange if you are just starting out. Beth Blevins, Ext. 5630.

**Tues., 6/24, & Wed. 6/25**

**Vacuum Gauging and Cryogenic Pump Seminars**  
9 a.m.-1:30 p.m., Berkner Hall, Room B. Representatives from Helix Technology will present this two-day course in vacuum measurement. Lunch, coffee, and refreshments will be provided by Helix. For more information and to register, contact Mel Johns, (508) 337-5150, or [njohns@helixtechnology.com](mailto:njohns@helixtechnology.com).

**— WEEK OF 7/7**

**Thursday, 7/10**

**Community Advisory Council Meeting**  
6:30 p.m., Bldg. 490, Large Conference Room. Open to the public. For more information, see <http://www.bnl.gov/community/CAC.htm>.

**— WEEK OF 8/11**

**Thursday, 8/14**

**Community Advisory Council Meeting**  
6:30 p.m., Berkner Hall, Room B. Open to the public. For more information, see <http://www.bnl.gov/community/CAC.htm>.

**— WEEK OF 9/1**

**Tuesday, 9/2**

**U.S. Open Tennis Trip**  
\$62 per person includes day session ticket and bus transportation. Bus departs the BNL tennis court parking lot at 8:30 a.m. and stops at the LIE Exit 63 Park & Ride. Bus leaves the National Tennis Center at 7:30 p.m. for the return trip. Paid reservations are being taken at the BERA Sales Office, weekdays, from 9 a.m. to 3 p.m. For more information, contact Rita Kito, Ext. 3320.

*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](mailto:bulletin@bnl.gov). Write "Bulletin Calendar" in the subject line.*



# Classified Advertisements

## Placement Notices

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

**LABORATORY RECRUITMENT** – Opportunities for Laboratory employees.

TB2799. OFFICE SERVICES ASSISTANT (CW2) - The Clinical Research Center (CRC) is seeking a highly motivated individual to provide administrative support to the CRC professional staff during the conduct of clinical studies. The individual, under close supervision, will coordinate the daily schedules for clinical programs operating within the CRC and its satellite facilities. Will act as the CRC receptionist, greet the subjects upon arrival at BNL, and coordinate the logistics for the subject during the day of the visit, including their transportation to the CRC satellite locations. Will also be responsible for assisting with some physical activities at the CRC about one day a week, including, but not limited to, picking up laundry from the CRC satellite locations, processing regulated medical waste, and performing ancillary housekeeping tasks at the CRC facilities to maintain a clean and safe environment for the research volunteers. A working knowledge of basic office procedures is preferred. Requires a high school or equivalency diploma and two years related work experience as well as a valid NYS drivers' license. Medical Department.

**OPEN RECRUITMENT** – Opportunities for Laboratory employees and outside candidates.

MK2527. ASSOCIATE SCIENTIST (S-2) – Requires a Ph.D. and the ability to obtain and maintain Department of Energy Q and SCI level clearances. Additional requirements include working knowledge and experience with the National Nuclear Security Administration and the newly formed Department of Homeland Security. Will develop nuclear nonproliferation policy initiatives based on detailed historical knowledge and experience with global nonproliferation regimes, intelligence indicators and analysis, export control regulations and implementation, inter-agency policy formulation, and Congressional input. Will Develop homeland security policy and research initiatives based on experience with policy planning, first responder end users, and multiple national laboratories. Will provide direct and continuing support to Congressional representatives working on Department of Homeland Security committees. Position requires extensive travel to Washington, D.C. Under the direction of P. Moskowitz, Nonproliferation & National Security Department.

MK2617. POSTDOCTORAL RESEARCH ASSOCIATE – Requires a Ph.D. in chemistry, biochemistry, or related field and experience using infrared and or e-ray spectroscopy. Synchrotron experience is highly desirable. Research will involve the study of protein misfolding and metal accumulation in Alzheimer's diseased brain and scrapie infected nervous tissue using synchrotron-based infrared and x-ray microspectroscopic techniques in conjunction with classical biochemical methods. Under the direction of L. Miller. National Synchrotron Light Source Department.

MK2810. POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. or equivalent in radiation biology, biochemistry or molecular biology. Will study molecular aspects of induction and repair of radiation-induced DNA damage clusters in DNA and in mammalian cells, especially damages induced by radiation found during space travel outside the magnetosphere. Will join a highly interacting, multi-expertise group studying DNA damage clusters. Good communication skills and ability to interact with scientists, professional staff and students of a wide variety of backgrounds is essential. Potential for participation in NASA-funded Heavy Ion Radiobiology program. May require travel to collaborating institutions. Under the direction of B. Sutherland, Biology Department.

MK2831. POSTDOCTORAL RESEARCH ASSOCIATE – Requires a Ph.D. in chemistry with experience in preparation and characterization of air-sensitive metal complexes and experience in one or more of the following fields: 1) photochemistry, 2) time-resolved spectroscopy, 3) electrochemistry, and 4) chemistry in supercritical CO<sub>2</sub>. Experience in time-resolved FTIR is highly desirable. Re-

search will focus on mechanistic and kinetic studies of photochemical CO<sub>2</sub> reduction and small molecule activation (H<sub>2</sub>O, H<sub>2</sub>, CO, hydrocarbons, N<sub>2</sub>, etc.) using transition metal complexes in solution. Various techniques including UV-vis, FTIR, NMR, and XANES/EXAFS spectroscopy, electrochemistry, flash photolysis, pulse radiolysis and x-ray diffraction will be used. Studies are planned to be extended into complex assemblies or heterogeneous systems using highly dispersed semiconductors, metal nanoparticles, or metal-complex catalysts confined within cavities for small molecule activation. Under the direction of E. Fujita, Chemistry Department.

NS2618. SR. ADMINISTRATIVE SERVICES ASSISTANT (A-3, part-time — 50% — term appointment) – Requires a minimum of three years' directly related experience and proficiency in MS Office applications including Word, Excel, PowerPoint, and FrontPage. A thorough knowledge of imaging processing tools such as Adobe Photoshop and Adobe Illustrator, and page layout tools such as Adobe PageMaker is necessary. Must have the ability to work under pressure, balance priorities, and perform multiple tasks at the same time. Some database experience with MS Access is desirable. Will provide administrative and graphics design support for the NSLS Information and Outreach Section. National Synchrotron Light Source Department.

TB2295. EDITORIAL ASSISTANT (A-2, reposting) – Requires a bachelor's degree in English or technical communication and excellent writing and editing skills, including the ability to synthesize meaning and intent into clearly written documents. Knowledge of HTML, Word, and Dreamweaver valuable. Excellent interpersonal communication and team-building skills required, as well as strong ability to work efficiently and effectively under tight deadlines. Responsibilities include consultation with subject matter experts for the purpose of writing, rewriting, and editing complex technical, scientific, and administrative material. Under general direction, will assist the editorial staff in writing and editing Laboratory-wide scientific, technical, and administrative documents for publication on the Standards-Based Management Systems (SBMS). Standards-Based Management Systems Office.

TB2811. LABORATORY SPECIALIST (A-2, term appointment) - Requires knowledge of laboratory procedures, four years' related experience and a high school diploma or equivalent. Under general direction, will provide support for the NASA Space Radiation Laboratory (NSRL), the radiobiology users who come to the NSRL, and to the laboratory in the Department. Responsibilities at the NSRL include operation, calibration, quality assurance, and maintenance of cell culture facilities, dark room, biophysics facilities, and other parts of NSRL, and providing facility, technical, and operations support for NSRL users prior to, during, and after NSRL operations. Responsibilities at Biology Department include Laboratory maintenance, preparation of solutions, washing and autoclaving glassware, and other routine services. Will maintain and order material, supplies, and equipment. Biology Department.

## Motor Vehicles & Supplies

00 HYUNDAI TIBURON - 5-spd., 70K mi., new motor, custom graphics, body kit, lowered 1½", \$7,200. 745-0848.

99 HYUNDAI ACCENT - 5-spd., 50K mi., keyless entry, alarm system, left signal light partially broken, \$3,300. Sean, Ext. 6263.

98 PONTIAC GRAND AM - green, all power, 113K mi., runs well, \$3,900. Karen, 384-5422.

97 CHEVY CAVALIER - black, all power, rear spoiler, pin stripes, new a/c compressor, 75K mi., \$4,400. John, Ext. 7625 or 277-3389.

97 HONDA ACCORD EX - 4-dr., a/c, p/w, p/l, keyless entry, v.g. cond., 83K mi., \$10,500. Henry, Ext. 3413.

96 DODGE INTREPID - 3.5L, p/w, p/l, alarm, keyless entry, am/fm/CD, ABS, airbags, burgundy, alloy rims, 126K hwy. mi. Lisa or Pat, 878-6093.

96 TOYOTA 4 RUNNER - 5-spd., excel. cond., 86K mi., \$10,000 neg. Rebecca, 924-4237.

96 TOYOTA RAV-4 - 5-spd., 2-wd, full power & air, CD player, excel. cond., 90K mi., \$5,500. David, 288-3011.

96 VIKING RV - 2,300 lbs., a/c, heat, refrig., awning, screen house, sleeps 9, v.g. cond., \$4,500. Tim, 722-2125.

95 CHEVY S10 BLAZER - 4-dr., 4-wd, all power, leather, tilt, compass/temp., new: brakes, exhaust, balljoints, tires, no rust/damage, 103K mi., \$6,900. Ralph, 325-0145.

95 NISSAN PATHFINDER - sunroof, all power, mechanically maint., all new tires, great car, \$11,000 obo. Kathryn, Ext. 3442.

95 TOYOTA COROLLA - light blue, a/c, p/s, p/w, dual front airbags, 100K mi., v.g. cond., \$3,500. Ext. 3838 or 744-2940.

95 TOYOTA COROLLA DX - all power, excel. gas mi., new timing belt, spark plugs, tires, v.g. cond., 131K mi., \$3,900. Tanya, 871-3131.

94 CHEVY S-10 BLAZER - new shocks, brakes, injectors, seals; Gdyr, MT/R tires, v.g. cond.; 71 Dodge Charger, new eng., brakes, more. 1,500 mi. on both. Adam, 375-7417.

94 DODGE CARAVAN - red, 119K mi., orig. own., excel. cond., well maint., \$2,000. John, Ext. 5283.

94 DODGE INTREPID - all power, 109K mi., alarm, keyless entry, 4-dr., great cond., \$3,000. Scott, Ext. 7197 or 580-2940.

93 FORD TAURUS - V6, 3.8L, 4-dr., 75K mi., a/t, airbags, excel. eng., new water pump & sparks, runs well, \$2,200. Edward, Ext. 4331 or 516-297-3904.

93 FORD TAURUS - 93K mi., good cond., ABS, p/s, airbags, am/fm/cass., a/c, 4-dr. sedan, \$1,900. Asher, Ext. 4006.

93 JEEP CHEROKEE - 4-dr., all power, 2/4 wheel drive, clean, runs well, good rubber, brakes, body in good cond., garaged, 117K mi., \$4,900. Robert, 928-1806.

92 MITSUBISHI ECLIPSE - black, a/c, p/s, 110K mi., \$1,500. Ext. 3838 or 744-2940.

92 MERCURY SABLE - blue station wagon, 160K mi., all power, dual airbags, ABS., third seat, \$1,600. Roy, Ext. 7531 or 929-3550.

90 HONDA ACCORD LX - beige, all power, 168K mi., excel. cond., orig. own., dealer serviced, new tires, \$2,300. Ron, 751-8403.

88 LINCOLN TOWN CAR - grey w/blue top, 61K mi., good cond., \$1,000. Bob, 476-5772.

88 TOYOTA CELICA GT-S - sporty, 2-dr., all power, sunroof, cruise control, standard trans., front wheel drive, well maint., \$1,850. Linda, Ext. 5406.

87 HONDA CIVIC SEDAN - 5-spd., a/c, 213K mi., runs well, clean, \$500. Ingo, Ext. 5360.

87 MAZDA 323 1.6L - 5-spd., a/c, clean, 2-dr., runs well, recently serviced, am/fm/cass., 99K mi., moonroof, must sell, \$750. Alex, Ext. 3114 or 645-1883.

87 NISSAN 300ZX - 5-spd., t-tops, digital dash, leather, a/c, sound system, 200K mi., orig. own., runs well, \$2,500. Peter, Ext. 2913.

86 HONDA CIVIC SI - excel. running cond., very clean in/out, 112K mi., 35mpg, \$950. Charlie, 924-5638.

84 LINCOLN TOWN CAR - silver, 4-dr., 118K mi., leather int., good cond., digital dash-board, \$1,399. Tom, Ext. 3479 or 645-6110.

CAMPER - Winnebago, 25 ft., Chiefton, approx. 50K mi., 454 Chevy, sleeps six, \$14,500. Ext. 5075 or 585-1863.

ENGINE - '70, small block "A" Mopar 340ci motor, good for car or truck, perf. high - perform. stroker conversion. Charles, 727-0488.

LADDER RACK - Kargomaster, fits Chevy ext. cab w/cap, new cond., cost \$550, ask. \$250. John, Ext. 7268 or 732-7568.

ROOF RACK - gutter, mount hd for compact car, \$15; fender mount trlr. mirrors, 1 pair, \$15. Ed, 929-4522.

TIRES - General Grabber AWLT 235/85 R16, almost new, \$40. Victor, 929-5876.

TRAILER TIRES - 205/75/R16 load range C, 2 new, \$45/ea., 2 low mileage, \$30/ea., all 4/\$125. Richard, Ext. 7160.

## Boat & Marine Supplies

22' O'DAY SAILBOAT - '77, excel. cond., many new items, 6 h.p. Yachtwin Longshaft, shoal draft, \$3,500 neg. John, Ext. 3108.

10' ALUM. BOAT - \$300. Dan, 728-4883.

RADAR - Raytheon model #2600, \$50. Gary, Ext. 2214.

SUNFISH - \$800. Meyer, Ext. 2169 or 286-8350.

## Tools, House & Garden

ELECTRIC MOTORS - 4 ea., \$10/ea. Ed, 929-4522.

LAWN MOWER - 21", Snapper, runs well, \$50. 567-9025.

LAWN MOWER - gas eng., Tecumseh 3.5 h.p. Mastercut 21 w/bag, \$15 or trade for string trimmer. Elaine, Ext. 2211 or 473-3315.

PATIO FURNITURE - cast iron 36" table, 36" round, 4 chairs, from '30s - '40s, new cushions, umbrella, \$150. Karen, Ext. 4262.

RADIAL ARM SAW - Craftsman w/base, \$275, 4" jointer, \$50, South Bend metal lathe 9" model C with collets, \$300. Rolf, Ext. 2305.

VARIEGATED HOSTAS - 689-9234.

WHOLE HOUSE FAN - belt driven - \$100 obo. Andy, Ext. 7014 or 281-8274.

## Audio, Video & Computers

AMP/PASYSTEM - Peavey XR 500, 5 channels w/effects, 7-band equalizer, 400 watts, spkr. incl., excel. cond., \$225. Peter, Ext. 2913.

CAR RADIOS - \$25/ea. obo. Doreen, Ext. 2457.

COMPUTERS - 2 Dells, 1.1 Ghz CPU, 20Gb HD, 256Mb, CDRW, NIC, keyboard & mouse, OS, \$350, one w/17" monitor, \$450. Don, Ext. 7237 or 929-6571.

COMPUTER - Dell, Pentium III, 866 MHz, 20 Gb HD, 128 Mb RAM, CDROM, USB ports, 17" mon., keybd., spkrs, Windows ME, free 512Mb RAM, \$250. Ext. 4367 or Ext. 1536.

IOMEGA DISC - 250 usb IN '02, COST \$162, ASK. \$50. Rau, 286-4774.

MONITOR - 19", color, working, sometimes the color balance wigs out, \$5. Elaine, Ext. 2211 or 473-3315.

RECEIVER - Sony, surround sound, \$50. Dave, Ext. 5460.

## Miscellaneous

ALUMINUM LADDER - 5 ft., \$5; hiker's backpack; \$10; icicle lights, \$1/set. Ext. 2457.

AWNING FRAME - extra lg., custom steel, 16' x 32', like new, \$200 obo. 476-5991.

BABY CRIB - cradle, swing, strollers, carriers, toys, play yard, car seat, tub potty, booster seat, Exersaucer, much more. Janet, 924-5231.

BAR - small, sliding doors, \$40; Ape/co, Loran-C DXL-6100 w/ant., \$50. Gary, Ext. 2214.

DESK - Little Tikes, activity desk w/light & tracing board, side storage, chair, good cond., \$35. Mark, 208-2910.

FLAN PANS - Pampered Chef Flan Pan set, 2, 10" tinned steel pans, brand new, \$5. Cheryl, Ext. 2272 or 732-7634.

HIGH CHAIR - Fisher Price, full size, excel., \$20. John, Ext. 4028.

LP'S - 45s & 78s, costume jewelry, 17" b&w TV, bowling balls, basketballs, Bric-a-Brac. Ext. 2457 or 821-7879.

MUG RACK - black metal, holds 80-100 mugs, can use for knickknacks, \$80 obo; Irish imports; Belleek, Galway crystal, jewelry, more, items new in box. 821-2586 after 5 p.m.

PIANO - Kong, concert C-40, electronic, speakers, sustain, sostenute, pedals, midi, compatible, mint cond., 88 keys, cost \$2,500, ask. \$1,200. Chris, 744-7468.

THEATER TICKETS - *Look of Love* at Brooks Atkinson Theater, 6/14, 2 p.m., orchestra, 2 for 1, \$50. Steve, 929-6527.

TRAVEL VAULT - new browning, air water tight, 48" long, perfect for audio, video, computer equipment or fire arms, \$175 obo. Kevin, Ext. 2431 or 929-1683.

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

VIOLIN - John Jurek ¾ size, made in Czechoslovakia, pre WWI, excel. tone, \$725/ best offer. Jim, 834-0215.

## Yard & Garage Sales

MIDDLE ISLAND - Middle Island United Church of Christ, 6/14, 10 a.m. - 4 p.m., 645 Middle Country Road (blue farmhouse), vendors, food. 924-6201.

## Lost & Found

RING - silver, found at Bldg. 30, call & describe. Ext. 5149.

SNAP-ON HOOD - red/black, reversible, found on bus from Take Our Daughters & Sons to Work Day. Liz, Ext. 2315.

## Wanted

AUTO - a used Toyota Camry or Honda Accord. Ext. 5066 or Ext. 1135.

GO CART - or minibike, running or not, anything repairable, with or w/o eng., reasonable price. Carl, 369-3730.

HUNTING ITEMS - guns, old decoys. Paul, Ext. 5829 or 289-9152.

MOTORCYCLES - bent or broken, any age or cond. Kevin, 281-8031.

MUSICAL INSTRUMENTS - to give to the South Country Education Foundation which will then donate them to the approp. South Country School. Karen Rowley, 286-0975.

MUSICIANS - BNL music club seeks musical acts for upcoming events. Henry, Ext. 3413 or diaz@bnl.gov.

REEL-TO-REEL TAPE RECORDER - 4 track, good cond., to purchase or for short term rental. Donald, 698-3695.

RESEARCH VOLUNTEERS - men and women who smoke cigarettes, ages 18 and over, are needed for MRI study. Strictly confidential, fee provided. 344-2773.

## Free

EXERCISE BIKE - good cond., you pick up in Shoreham; bookshelf, 3 shelves, oak color, drawers white color. 744-2940.

STOVE - cast-iron, black wood-burning stove, good cond. Sandy or Cliff, 287-0085.

CLOTHES DRYER - GE, electric, loud but works. 475-5543.

COAL STOVE - Franco Belge brown enamel, good cond., you pick up. John, 929-4450.

## Farewell Gathering

WED., JUNE 11th WALK - for Mary Wood, former Health Promotion & Healthfest coordinator, noon at Science Ed. Center, Bldg. 438, walk to National Weather Service and back, rain/shine. All invited!

## In Appreciation

My sincere thanks to all of you who have made my 24 years at BNL memorable. Also, thank you for all of the cards, well wishes & extra luncheons which will keep me forever walking. I will miss you all. Keep in touch. — Doreen Hallinan

*Ads omitted due to a lack of space will appear next week. On the web at the address below, or available by calling Ext. 2345, the Bulletin advertises many services offered by employees, ranging from housecleaning to jewelry mending or making to land clearing and much more.*

# COMPUTER TRAINING

The following PC training classes have been scheduled for June, July, and August:

June 19 ..... FrontPage – Level 1  
June 24 ..... Excel – Level 1  
June 25-26\* ..... Project – Level 1  
June 27 ..... HTML – Level 1  
June 30 ..... Windows – Level 1  
July 2-3\* ..... Access – Level 1  
July 9 ..... Excel – Level 2  
July 14 ..... Outlook- Level 1  
July 15 ..... PowerPoint – Level 1  
July 16 ..... HTML – Level 2  
July 17 ..... Word – Level 2  
July 21 ..... Project – Level 2  
July 23-24\* ..... FrontPage – Level 2  
July 29 ..... Windows – Level 2  
July 30 ..... Word – Level 1  
August 4 ..... PowerPoint – Level 2  
August 6 ..... Excel – Level 1  
August 7-8\* ..... Access – Level 2  
August 12 ..... Outlook – Level 2  
August 13 ..... Excel – Level 3  
August 14 ..... HTML – Level 3  
August 19-20\* ..... Access – Level 3  
August 22 ..... Word – Level 3

\* Two-day class

The training fee for the on-site classes listed above is \$151 per day of training. To register for on-site or off-site classes, to view class outlines, expanded schedules, and for all additional information, see [www.bnl.gov/itd/training](http://www.bnl.gov/itd/training) or contact Chris Herbst, Ext. 5304 or [herbst@bnl.gov](mailto:herbst@bnl.gov).

## Children's Swimming

Applications are now being accepted for BERA's summer swimming lessons, running from Monday, July 7, to Friday, August 22. Lessons are open to children and grandchildren of all Lab employees, visitors, and facility-users.

**Program** - Each child will have one lesson per week for a total of seven lessons. American Red Cross certificates will be awarded to children who qualify on completion.

**Time** - Monday-Friday, 2:15-3:15 p.m. Children should arrive at 2 p.m. for preparation.

**Fee** - \$80 per child upon registration.

**Height** - For their safety, children must be a minimum 42 inches tall.

**Registration** - Registration forms are available at [www.bnl.gov/bera](http://www.bnl.gov/bera) or by contacting Christine Carter, BERA/ Recreation/Quality of Life Supervisor, Ext. 5090 or [ccarter@bnl.gov](mailto:ccarter@bnl.gov). Mail or deliver applications with registration fees (checks payable to BERA) to Christine Carter, Bldg. 179B, no later than Monday, June 23.

## Great Adventure Tickets

Tickets for Six Flags Great Adventure and Hurricane Harbor water park are now at the BERA Sales Office, open weekdays, 9 a.m.-3 p.m., in Berkner Hall. Park tickets cost \$38 and include park and safari, which saves BNLees \$10.75. Hurricane Harbor tickets cost \$28, saving \$6. For more information, call Andrea Dehler, Ext. 3347.

