

## SUNY Chancellor Robert King Visits Brookhaven



Roger Stoulenburgh 02/13/03

Listening as Peter Daum (right) of the Environmental Sciences Department explains BNL research in atmospheric chemistry are: (from left) Ralph James, Associate Laboratory Director for Energy, Environment, & National Security; Creighton Wirick, Environmental Sciences Department Chair; Praveen Chaudhari, then designate BNL Director; Robert King, State University of New York (SUNY) Chancellor; Judy Weinstein-Lloyd, SUNY Professor at Old Westbury; Brian Giebel, SUNY at Old Westbury; and Jun Zheng, SUNY at Stony Brook.

tions, polymers, and biological and environmental systems. Plans for the new BNL Center for Functional Nanomaterials were also discussed.

The SUNY Chancellor moved on to BNL's NeuroImaging Center, where Linda Chang, Medical Department Chair, and Joanna Fowler, who heads the NeuroImaging Center, described some of the Lab's pioneering neuroimaging research on the brain chemistry of addiction; diseases such as Parkinson's and Alzheimer's; and aging. King also learned about the center's recent research on imaging awake animals, which has veterinary support from SUNY's Downstate Medical Center in Brooklyn.

King concluded his visit with discussions at the Director's Office, during which he stated how impressed he was with the programs of the Laboratory and its broad scope of research. He pointed to a number of educational opportunities as good steps to increase the connections between the Lab and New York State.

Interim Director Paul, who expressed his appreciation to the Chancellor for the visit to BNL, commented, "Chancellor King clearly recognized the importance of BNL for the economy of New York State and the education of the education of the State's students."

— Liz Seubert

On Thursday, March 27, Robert King, Chancellor of the State University of New York (SUNY), visited BNL for an introduction to the Lab and its programs. As SUNY Chancellor, King oversees one of the nation's largest university systems, with about 500,000 students and an annual state budget of about \$7 billion. After a welcome lunch with Interim BNL Director Peter Paul, BNL Director-designate Praveen Chaudhari, Manager of the DOE Brookhaven Area Office Michael Holland, and several Associate Lab Directors and Department Chairs, the Chancellor toured the Lab.

The first stop focused on atmospheric chemistry research in the Environmental Sciences (ES) Department chaired by

Creighton Wirick. ES scientist Peter Daum of the Atmospheric Sciences Division talked about BNL's laboratory, field, and modeling program that has contributed to understanding the mechanism of photochemical smog formation. Judy Weinstein-Lloyd, a professor at SUNY at Old Westbury who has a long-standing collaboration with BNL scientists, spoke of her program to develop new instrumentation for measuring atmospheric oxidants.

Ralph James, Associate Laboratory Director for Energy, Environment, & National Security, then described BNL homeland security initiatives, such as research and development on nuclear, chemical, biological, and explosive detectors. James

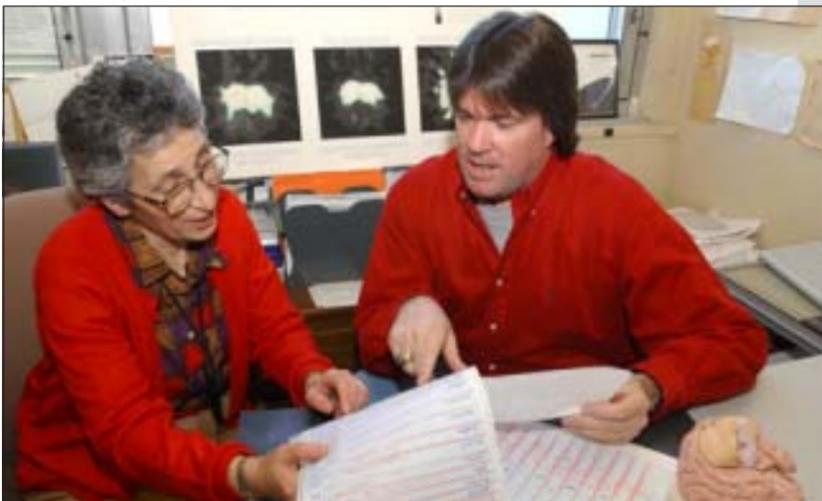
showed King actual prototypes of BNL hardware that could detect small quantities of nuclear radiation from great distances.

King's second stop was at the Relativistic Heavy Ion Collider (RHIC), where Associate Laboratory Director Thomas Kirk, together with Collider-Accelerator (C-A) Department Chair Derek Lowenstein and Physics Department Chair Samuel Aronson described the program of RHIC and its four detectors. At one of these detectors, PHENIX, Ed O'Brien, PHENIX operations manager, and PHENIX analysis coordinator Thomas Hemmick, a physics professor at SUNY Stony Brook, outlined the scientific goals of the experiment and gave King a brief idea of how PHENIX collects RHIC data.

Next, King visited the National Synchrotron Light Source (NSLS), one of the Northeast's and New York State's most important scientific facilities. Interim Associate Laboratory Director for Basic Energy Science Doon Gibbs and NSLS Chair Steven Dierker explained a proposed upgrade which will dramatically improve the capabilities available to the NSLS's approximately 2,500 researchers from universities, scientific institutions, and industry.

As King learned, researchers from SUNY at Albany, Buffalo, Plattsburgh, and Stony Brook used 20 NSLS beam lines during fiscal year 2002 for studies of, for example, materials characterization, materials in high magnetic fields and under extreme condi-

## BNL's Patent Licensing Revenue Is \$2.6M in Fiscal Year 2002



Roger Stoulenburgh 02/01/2002

Stephen Dewey, Chemistry Department, who leads research on using vigabatrin to treat addiction, discusses his work with Margaret Bogosian, Head of the Office of Intellectual Property & Industrial Partnerships. BNL has licensed this technology to industry.

In fiscal year (FY) 2002, BNL received \$2.6 million in patent-licensing revenue, up from \$2.4 million in FY 2001. The net income, after expenses for running the licensing program, was \$1.9 million for FY 2002, an increase of about \$200,000 from the previous year. BNL's share of the net revenue for FY 2002 was \$1.3 million, after royalties to inventors were paid.

"The BNL share is invested in the Laboratory and can be used for funding construction, capital equipment, new research initiatives, or research collaborations with industry," said Margaret Bogosian, who heads the Office of Intellectual Property &

Industrial Partnerships (OIP).

Bogosian explained that, in distributing the Lab's share, 40 percent is divided among the BNL research departments that generated the income, and 60 percent funds Lab projects that foster technology transfer or new research initiatives.

In FY 2002, BNL projects and equipment purchases funded from patent licensing revenue included: an MRI magnet upgrade in the Chemistry Department and a small animal MRI machine for the Medical Department; a Cooperative Research & Development Agreement in the Environmental  
(continued on page 3)

## BNL, ORNL, PNNL Hold Meeting On Isotope Program Strategy

At an Isotope Program Strategy Integration Meeting held on March 18 & 19, participants from BNL, Oak Ridge National Laboratory (ORNL), and Pacific Northwest National Laboratory (PNNL) met at BNL to discuss the present state of the overall national isotope program, as well as the isotope programs at their respective institutions, and to discuss problems, issues of concern, and future plans. Among the attendees was Peter Paul, the then interim BNL Director.

For over a decade, and more recently again in 2000, DOE and other expert panels have agreed on the need for the U.S. to produce isotopes for research and medical use, and on the need to develop a dedicated isotope production and processing facility for these and other applications. Yet, at present, there is a near-total U.S. dependence on foreign supplies of many medical and

other crucially needed isotopes and a lack of national leadership in isotope production and applications research.

At the meeting on March 18, speakers from BNL, ORNL, and PNNL discussed their present programs, possible integration strategies, and the basis for a revitalized national radioisotope program. The round-table discussion scheduled on the remaining morning of the meeting focused on topics such as the relevance of the national isotope program to DOE missions, the redirection of missions to include radioisotope research and education, and the construction or modification of existing facilities for dedicated and reliable year-long operation. Also discussed was the CIRC, or Cyclotron Isotope Research Center, project that will respond to these needs in a dedicated year-round manner, and which is under consideration by DOE/NE to be acquired, housed and operated at BNL.

— Liz Seubert

At the March 18 & 19 meeting held at BNL on isotope programs were (from left): David Schlyer, BNL; Darrell Fisher, PNNL; Kathy Kolsky, BNL; Alan Waltar, PNNL; Gordon Michaels, ORNL; Jerry Klein, ORNL; Leonard Mausner, BNL; David Hill, ORNL; Suresh Srivastava, BNL; James Alessi, BNL; Peter Paul, BNL; and John Gatley, BNL.



Roger Stoulenburgh 02/10/03

## 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. Bldg.) 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. Mary Wood, Ext. 5923, or [wood2@bnl.gov](mailto:wood2@bnl.gov).

#### 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. Bldg. 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

12:30-1:30 p.m., Berkner Hall. Contact: Jean, Ext. 4391, Patrick, Ext. 3270.

#### 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. Bldg. Pat Flood, Ext. 7886.

#### Tuesdays & Thursdays: Aqua Aerobics

5:15-6:15 p.m. Mary Wood, Ext. 5923.

#### Wednesdays: On-Site Play Group

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

#### Wednesdays: Science Education Forum

Every other Wednesday, Noon-1 p.m., Bldg. 438. Join a discussion on interesting and timely issues in science education. Refreshments will be provided. Bring your own lunch. Brian Murfin, Ext. 7171.

#### Wednesdays: Weight Watchers

Noon-1 p.m., Brookhaven Center South Room. Mary Wood, Ext. 5923, [wood2@bnl.gov](mailto:wood2@bnl.gov).

#### Wednesdays: Yoga Practice

Noon-1 p.m., Brookhaven Ctr. 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. Bldg. \$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 start 4/9 (see listing). 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

8-11:30 p.m., Brookhaven Ctr., social. Rudy Alforque, Ext. 4733, [rudy@bnl.gov](mailto:rudy@bnl.gov).

#### Saturdays: BNL Dance Club Monthly Ballroom Dance Social

8-11:30 p.m. Ballroom, Latin & swing dancing, North Ballroom, Brookhaven Center. April social on 4/12. Marsha Belford, [belford@bnl.gov](mailto:belford@bnl.gov) or Ext. 5053.

### — THIS WEEKEND —

#### Friday, 4/4

2003 BERA Board Elections, Last Day  
11:30 a.m.-1:30 p.m., Berkner Hall

### — WEEK OF 4/7 —

#### Tuesday, 4/8

#### BERA Book Fair

10 a.m.-3 p.m., April 8 and 9. Berkner Hall. Books, gifts, at discounted prices.

#### \*Healthline Workshop

Noon, Berkner Hall. Susan Wilke, Director of Cornell Cooperative Extension's Diabetes Resource Coalition of Long Island, will present "Diabetes: An Update." All are welcome. See page 3.

# Spotlight Awards



Roger Stoutenburgh 040203

For extending short-term, extraordinary efforts in response to the needs of their departments or divisions, the following BNL employees, including those pictured above,\* were honored with Spotlight Awards during fiscal year 2002:

**Biology Department:** John D. Lara, Sean R. McCorkle, and Regina K. Shea. **Budget Office:** Theresa Loffredo and Shanti Subudhi. **Central Shops Division:** Cheryl Ann Kuhn and Karen Lucadamo. **Chemistry Department:** Stephen Howell and Jean Petterson. **Collider-Accelerator Department:** Richard Anderson, Henry Ashby, Cyrus Biscardi, Steven Bubka, Martin Candito Jr., John Carlson, Tony Curcio, William Fritz, Lee R. Hammons, Patricia Hein, Steve Jao, Dan Lehn, Al Mack, Andrew Meyer, Bert Palacios, Annabelle Petway, Salvatore Polizzo, Al Ravenhall, Craig Rhein, Joe Saetta, Richard Savage, Ron Schroeder, Scott Seberg, Chuck Trabocci, Alan Weston, and Dieter Zantopp. **Community Involvement, Education, Government & Public Affairs:** Marsha Belford, Jeanne D'Ascoli, Keith Grigoletto, and Cathy Osiecki. **Diversity Office:** Rosa Palmore. **Emergency Services Division:** William R. Leigh-Manuell. **Energy, Energy Sciences & Technology Department:** Jean Frejka, Linda Hanlon, Aleksandra Lopez, Maryann Musso, and Donna M. Storan. **Environment & National Security:** Patricia Carr, Robert Doty, and Linda Satalino. **Environmental Management:** Gina Bernard. **Environmental Restoration Division:** Donna Gill, Clayton Hamilton, and Kathleen Ratto. **Environmental Services Division:** Marcia Allocco, Deborah Bauer, Lawrence Lettieri, Karen Ratel, and Susan Young. **Finance & Administration:** Karen Adelwerth. **Fiscal Services Division:** Fred Benjamin, Cheryl Burke, Anne Corr, Peter Ferrara, and Linda Sinatra. **High Energy & Nuclear Physics:** Elaine Zukowski. **Human Resources Division:** Terrence Buck and Peter

Esposito. **Information Services Division:** Michiko Tanaka. **Information Technology Division:** John Bigrow, Harold Cubillos, Chris Masullo, Christine Metz, Paul Poleski, and Ronald Yuhas. **Instrumentation Division:** Donna Grabowski and John Walsh. **Materials Sciences Department:** Robert Sabatini. **Medical Department:** Karen M. Apelskog, Slawko O. Kurczak, and Joan Terry. **National Synchrotron Light Source Department:** Robert Best, Michael Caruso, Ken Koebel, Michael Lehecka, Corinne Messina, Patrick Moylan, Anthony Santangelo, and Michael Schwarz. **Nonproliferation & National Security Department:** Gloria De Boer and Erin Rogers. **Occupational Medicine Clinic:** Joyce Vail. **Physics Department:** Todd Corwin, Linda Feierabend, John Hammond, Rachel Inguanta, James Labounty, Dave Pate, Richard Ruggiero, Raymond Savino, and Frank Toldo. **Plant Engineering Division:** Peter Abrams, Melville Bonanno, Tirre Farmer, James O'Malley, Peter Palamidis, and Donna Pfeiffer. **Radiological Control Division:** Anthony Fuoco, Lee Michel, Joyce Moore, and Gordon Rawn. **Safeguards & Security Division:** Lisa Congemi, Vicki Feldman, Ted Heuer, Andrew W. Moran, Susan Racket-Rossetti, and Samuel Velazquez. **Safety & Health Services Division:** Tracy Blydenburgh and Lesliam Quirós. **Staff Services Division:** Vera Meier. **Superconducting Magnet Division:** Patrick Harris, John W. McCaffrey Jr., Keith Power, Andrew Sauerwald, James Stolfi, and Daniel P. Sullivan. **Waste Management Division:** Allen Jones, John Strahmann, and Gordon Votruba.

\*Three Spotlight winners pictured above were added to the photo after it was taken.

## Potential Bridge Builders of the Future Test Models at BNL's 2003 Contest

As always in the annual BNL Model Bridge Contest for high schoolers, the goal is to build the lightest bridge that supports the most weight.

This year, a total of 302 students from 19 Suffolk County high schools entered bridges in the contest, which was held on Saturday, March 8. Both first- and second-place winners in the contest built bridges that held more than 110 pounds, the limit on weight according to the contest rules. But Patchogue-Medford High School senior Michael Eckart made a lighter bridge, winning him first place.

Under the stress tester, Eckart's 14.6-gram bridge held 3,417 times its own weight at the 110-pound limit. Kevin McKeon, a Center Moriches High School junior, placed second with a 16.5-gram bridge that held 3,024 times its own weight at the 110-pound limit.

The third-place winner, Michael Malusa of Huntington High School, had built a bridge that weighed 14.2 grams and held 84.7 pounds, or 2,706 times its own weight. Laura Titus, another Huntington High School student, won the aesthetic award for the best looking bridge.

Melvin Morris of BNL's Office of Educational Programs (OEP), ran the event with assistance from Cathy Osieki, OEP; staff

from OEP's Museum Program; and the three technical volunteers who tested and judged the bridges: Bill McGahern, Collider-Accelerator Department; Bob Sabatini, Materials Science Department; and Marty Woodle, retired from the National Synchrotron Light Source Department.

All four winning students received a trophy and a gift certificate to Borders. The two top winners will be sent to the 2003 International Bridge Building Contest in Chicago, Illinois, on April 26, with their round-trip airfare paid by Brookhaven Science Associates.

— Diane Greenberg

(Right) The Whitestone Bridge, or any of the mighty bridges around New York City, may have inspired some of the 302 high school students who entered BNL's 2003 Model Bridge Contest, organized by the Office of Educational Programs.

(Below) With then Interim Director Peter Paul are: (from left) second-place winner Kevin McKeon, first-place winner Michael Eckart, and retired BNL engineer and volunteer judge Marty Woodle.

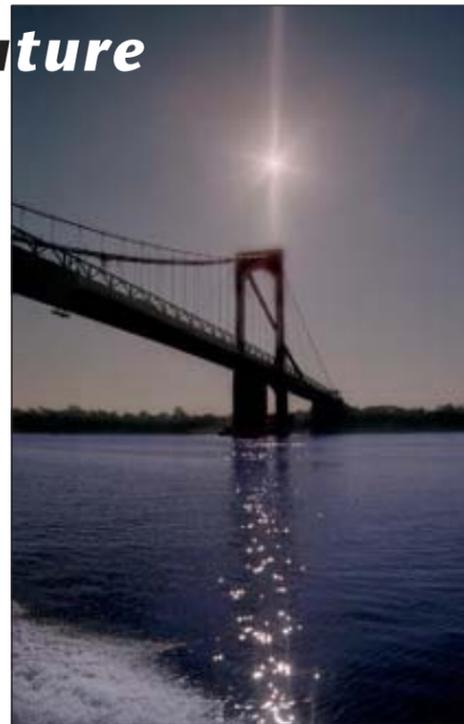


Photo above by Joseph Rubino



Joseph Rubino 02040303

## Patent Licensing Revenue *(cont'd.)*



Sciences Department with Aerodyne Research, Inc., to develop new methods for the chemical and physical characterization of nanoparticles; a growth factor technology maturation project in the Medical Department; a project to develop a superconducting RF in the Collider Accelerator Department; and CryoEM equipment in the Biology Department.

In the late 1980s, BNL's contract with DOE was amended to permit BNL's contractor operator, now BSA, to patent and license the inventions of Lab researchers.

Today, BSA has taken title to 165 inventions, of which 80 are licensed to industry and 16 are commercialized. The majority of BSA-held patents and pending patent applications are in the areas of molecular biology, pharmaceuticals, and new materials. Instrumentation, optics,

*Note: Researchers who want to determine if their invention may be patented for possible commercial use may contact Margaret Bogosian, Ext. 7338, or bogosian@bnl.gov.*

electronics, and environmental remediation also are areas that have generated technologies in the BSA portfolio.

To determine licensing strategy, Bogosian explained, a team of six OIP professionals with strong backgrounds in science and business perform comprehensive market analyses for BSA-owned technologies. The OIP staff then market the technologies to industry, negotiate the business deal, draft the license agreement, and administer the active licenses.

"Much of the success of our program depends on the scientists," Bogosian said. "We rely on scientific staff to keep us informed about new research findings and directions so that we can determine if a new technology might be useful in the commercial sector."

— Diane Greenberg

## Major BNL-Invented Technologies Licensed to Industry Through OIP

The major technologies invented by current and former BNL researchers that have been commercialized under license agreements negotiated by OIP are:

- T7 gene expression system, vectors and protein products produced with the T7 system (F. William Studier, John Dunn and Alan Rosenberg, Biology Department) — This system is used by 342 companies to produce proteins for research and commercial purposes, such as making vaccines.

- Recombinant plasmids for encoding restriction enzymes DpnI and DpnII of *Streptococcus pneumoniae* (Sanford Lacks, Biology Dept.) — These recombinant plasmids are used as a research tool to aid in the study of the structure of DNA.

- Cytoplasmic bacteriophage display system (F. William Studier and Alan Rosenberg, Biology Department) — This system is used in research and commercially to identify peptides or proteins that bind to other molecules that are potential targets for drugs.

- Fast repetition-rate fluorometer (Zbigniew Kolber and Paul Falkowski, former Department of Applied Science) — This portable and submersible device was designed to take fluorescent readings from phytoplankton and underwater plants *in situ* in the ocean.

- Polyethylene encapsulation of wastes (Peter Colombo, former Department of Advanced Technology, and Paul Kalb, Environmental Sciences Department) — This technology mixes low-density polyethylene to solidify radioactive and mixed wastes for safe disposal.

- Apparatus and method for biological purification of wastes (Eugene Premuzic, former Department of Applied Science, and Mow Lin, Energy Sciences & Technology Department) — The technology uses nonpathogenic bacteria to clean up restaurant and food-industry wastes.

- Surface profiling interferometers (Peter Takacs, Shinan Qian, Instrumentation Division) — These instruments can detect minute flaws in mirrors that can lead to major errors in synchrotron experiments, and they can measure x-ray space telescope mirrors as well as extremely small imperfections inside of glass slabs used to make high-power lasers for nuclear fusion experiments.

- Monolithic amplifier with stable, high resistance feedback element (Paul O'Connor, Instrumentation Division) — This invention has a variety of industrial, medical and scientific instrumentation applications in which a signal from a sensor takes the form of a small current or charge that needs amplification prior to further signal processing or conditioning. For example, it can be used in solid-state detectors, x-ray imaging and mammography systems.

- Red blood cell labeling kit for selectively labeling whole blood with technetium-99m (Suresh Srivastava, James Richards, Rita Straub, Medical Department) — Makes possible the instant preparation of technetium-99m labeled red blood cells for clinical use. The blood-labeling kit is widely used to diagnose heart disease and to investigate gastrointestinal bleeding.

## Healthline Workshop, 4/8

### Get An Update on Diabetes

The Lab community, families, friends, and neighbors are all welcome to attend the next Healthline Workshop, at noon on Tuesday, April 8, when Susan Wilk, Co-Director of the Diabetes Resource Coalition of Long Island for Cornell Cooperative Extension, will present "Diabetes: An Update," in Berkner Hall, Room B.

More than 16 million Americans have diabetes, but the good news is that many problems caused by diabetes are preventable. A certified diabetes educator, Wilk has lived with Type I diabetes for more

than 30 years. In her talk, she will cover life with diabetes Type I and Type II from a personal perspective. In addition to giving an overview of diabetes facts and concerns, and diabetes tools of the trade to assist in the daily management, Wilk will provide an update on the latest research projects in the field and be prepared to answer questions.

Wilk, who started the Diabetes Care Centers which first opened at St. Charles Hospital, has been on the research staff at Stony Brook University Hospital and Medical Center.

## Reporting, Tracking Supplier Problems PPM announces a new, web-based system

Lab employees who are frustrated with a vendor that consistently supplies defective items and/or late deliveries now have an easier way to improve matters. The Purchasing & Property Management (PPM) Division has established a Web-based BNL Supplier Nonconformance Reporting and Tracking System.

The new Web-based system, developed by PPM and the Information Technology Division, not only provides automatic notification of the problem to PPM, but also is supported by a database that will allow purchasers to track their reports and retrieve a Lab-wide history of reported problems dating back to October 2002 for a particular supplier or department/division.

To report a problem to PPM and, if necessary, get immediate assistance, go to <http://intranet.bnl.gov/ppm/bsnc/>. To maximize the value of this centralized system, all BNL purchasers are asked to report supplier problems through the system, even if assistance from PPM is not required.

Additionally, there is a link from the main page at the Web site above to the return to vendor (RTV) process providing information on how to return defective items to a supplier. There is also a section in the electronic report form for requesting corrective action from the supplier.

## Noon Lecture, 4/9

### 1899 Philippine-American War Memories

On Wednesday, April 9, Sari Lluch Dalena, co-director & filmmaker of *Memories of a Forgotten War*, will present a talk on "The Making of *Memories of a Forgotten War*: A Documentary of the Philippine-American War of 1899." The lecture, which is sponsored by BERA's Asian Pacific American Association, will begin at noon in Berkner Hall, Room B. For more information, go to [www.stonybrook.edu/sb/wang/film/memories.shtml](http://www.stonybrook.edu/sb/wang/film/memories.shtml).

## Asian-Pacific Cultural Event, 4/26

BERA's Asian Pacific American Association will sponsor a cultural event on Saturday, April 26, in Berkner Hall. Arts & crafts, displays, and demonstrations will be shown in the lobby, 6-7 p.m. Then, in the auditorium, 7-9 p.m., music and dance from China, Japan, India, Korea, the Philippines, and other Asian countries and cultures will be featured. Tickets, at \$10 for adults, \$5 for children of 12 and under and students with ID, may be bought at the BERA Sales Office, or from Beth Lin, Ext. 3372, or Susan Wong, Ext. 7988.

## Book Fair, 4/8 & 9

BERA will sponsor a book fair in Berkner Hall lobby from 10 a.m. to 3 p.m. on Tuesday and Wednesday, April 8 and 9. Books and gifts will be available at greatly discounted prices.

## In Memoriam

**Frank Merkert**, who had joined the Physics Department as a technical specialist III on March 12, 1962, died at 72 on March 4, 2002. He had retired as Technical Associate I on July 31, 1991.

**Theodore Hilgemeier**, who had joined the Alternating Gradient Synchrotron Department as a staff shop technician II on February 10, 1958, and retired as Principal Staff Shop Technician on June 26, 1981, died on October 14, 2002. He was 84.

**Elmer Monti**, who had joined BNL on March 24, 1947 as a fireman, life number 00224, died on August 6, 2002, at age 88. He had retired as a Plant Engineering Division steamfitter on December 29, 1978.

## Arrivals & Departures

### Arrivals

Melissa Abramowitz ..... NSLS  
Praveen Chaudhari ..... Dir. Office  
Jill Clough-Johnston ..... PPM  
Anatoly Komissarov ..... Chemistry  
Debasish Roy ..... Biology  
Takahiro Watanabe ..... Physics

### Departures

Dan Imre ..... ESD/ASD  
Hanaa Khalil ..... ES&T  
Federica Messer ..... Physics  
Celso Ponce ..... Plant Eng.  
Jonathan Taylor ..... BSD  
Alla Zelenyuk ..... ESD/ASD

## Lessons in Russian For Children 5 & 6

Sponsored by BNL's Quality of Life program, free lessons in the Russian language will be offered for children 5 & 6 years old, starting on Sunday, March 30, at 11 a.m. in the Recreation Hall in the apartment area. Lessons will continue to be given every Sunday.

To register your child, call 345-0913 or e-mail [Zelenski@optonline.net](mailto:Zelenski@optonline.net).

## Calendar

*(continued)*

### Wednesday, 4/9

#### BERA Book Fair

10 a.m.-3 p.m., April 8 and 9. Berkner Hall. Books, gifts, at discounted prices.

#### AT&T Wireless Demo

11 a.m.-2 p.m., Berkner Hall. A representative from AT&T Wireless will offer BNLers special discounts on cellular phones and rate plans. Jon Boswell, 361-8777.

#### Rifle & Pistol Club Meeting

Noon, 2nd Floor Conference Room, Bldg. 120. Jim Durnan, Ext. 5993, Otto Jacobi, Ext. 2710, or [www.bnl.gov/bera/activities/rpc/](http://www.bnl.gov/bera/activities/rpc/).

#### \*Asian Pacific American Heritage Lecture

Noon, Berkner Hall. "The Making of *Memories of a Forgotten War: A Documentary of the Philippine-American War of 1899*" presented by the film's co-director Sari Lluch Dalena. For more information, see [www.apaa.bnl.gov/apahm.htm](http://www.apaa.bnl.gov/apahm.htm).

#### BNL Dance Club: Series 4 Lessons Start

Dance lessons, 8 weeks (no class 4/16):

- 6-7 p.m. mambo & merengue level II, 4 weeks of each dance, for continuing beginners, \$30 per person/8 weeks

- 7-8 p.m. Ballroom 104: introduction to salsa, samba, paso doble & polka, 2 weeks of each, for beginners/newcomers, \$30 per person/8 weeks

- 8-9 p.m. International fox trot & waltz technique, 4 weeks of each, for intermediates, \$40 per person/8 weeks.

To register, contact: Marsha Belford, Ext. 5053 or [belford@bnl.gov](mailto:belford@bnl.gov).

### Thursday, 4/10

#### Upton Nursery School Bake Sale

11:30 a.m.-1:30 p.m. Berkner Hall. Buy goodies, support BNL parent-run Upton Nursery School

### Friday, 4/11

#### \*Camera Club & Microcomputer Club

Noon, Berkner Hall, Room B. Richard Witkover will present "The ABCs of Digital Photography — Including Basic Photoshop for Photographers." For more information, contact Witkover, Ext. 4607 or Ripp Bowman, Ext. 4672. See page 4.

#### GLOBE Meeting

Gay, Lesbian, and Bisexual Employee Club at BNL monthly meeting. For time and location, contact Debbie Bauer, Ext. 5664, or Mike Loftus, Ext. 2960. For more information, go to [www.bnl.gov/bera/activities/globe](http://www.bnl.gov/bera/activities/globe).

### Saturday, 4/12

#### BNL Dance Club Saturday Social

8-11:30 p.m., North Ballroom, Brookhaven Center, monthly informal evening of ballroom, Latin & swing dancing to the Macintosh MP3 Laptop Orchestra. Marsha Belford, [belford@bnl.gov](mailto:belford@bnl.gov) or Ext. 5053.

## — WEEK OF 4/14 —

### Tuesday, 4/15

#### Verizon Wireless Demo

10 a.m. - 2 p.m., Berkner Hall. A representative will present BNLers with special rates on wireless service. Harry Campbell, (516) 458-9122.

### Wednesday, 4/16

#### Noon Recital, Opera

Noon-1 p.m., Berkner Hall. Preview of Stony Brook production of *Don Giovanni*, presented by Stony Brook University Professor David Lawton.

#### Science Education Forum

Noon-1 p.m., Bldg. 438. All are welcome to discuss science education issues. Refreshments will be provided. Bring your own lunch. Brian Murfin, Ext. 7171.

#### 382nd Brookhaven Lecture

4 p.m., Berkner Hall. David Schlyer, Chemistry Department, will talk about technologies to image awake animals. See story in next week's Bulletin.

### Thursday, 4/17

#### BAC Meeting

12:30-1 p.m., Berkner Hall, Room C. Brookhaven Advocacy Council Meeting, Open Session. [www.bnl.gov/bac](http://www.bnl.gov/bac).

### Sunday, 4/20

#### \*Hospitality Committee Easter Egg Hunt

11 a.m., Rec. Hall. See page 4.

*Note: This calendar is updated continuously and will appear in the Bulletin whenever space permits. Submissions must be received by the preceding Friday at noon to appear in the following week's Bulletin. Enter information for each event in the order listed above (date, event name, description, and cost) and send it to [bulletin@bnl.gov](mailto:bulletin@bnl.gov). Write "Bulletin Calendar" in the subject line.*

# Clocks Spring Ahead This Weekend

One hour of lost sleep — a small price to pay for warmer weather!



A joyful reminder of spring days ahead is offered by the Bulletin to make up for this Sunday, April 6, when an hour's sleep is lost as clocks are set forward by one hour, officially at 2 a.m. And there are still 47 hours left in the weekend to change the batteries in your smoke alarms.

Roger Stoutenburgh 06270402

## Easter Egg Hunt, 4/20

Bring your child to the Hospitality Committee's annual Easter Egg Hunt on Sunday, April 20, at 11 a.m. in the Recreation Hall. Each child should bring 15 plastic eggs filled with soft candy.

In addition to hunting for eggs, craft-making and a piñata are on the program. Parents are asked to bring a dessert to share. For more information, contact Monique de la Beij, 399-7656.



## 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).

**OPEN RECRUITMENT** — Opportunities for Laboratory employees and outside candidates. MK2872. MANAGER, RADIOLOGICAL CONTROL DIVISION (M-3) — Requires a BS in health physics or a related field and proven ability to develop, implement, and manage a comprehensive radiation protection program in an environment similar to the Laboratory. Excellent oral and written communication skills are also necessary. In addition, 15 years experience in radiation protection, of which at least 5 years' must be in a related management role is required. An MS and/or certification from the American Board of Health Physics is preferred. Additional consideration will be given to those having DOE and NRC experience. Will be responsible for the design, development, implementation, and management of the Radiological Control Management System and have oversight for the Radiological Control Division staff. Environment, Safety, Health & Quality Directorate.

### Motor Vehicles & Supplies

01 HYUNDAI TIBURON - black, loaded w/extras, spoiler, 19K trans. warranty, \$13,000 firm. Barbara, 732-7186.

99 FORD TAURUS SE - all power, 35K mi., excel. cond., \$8,500. Brian, 821-4234.

98 DODGE RAM EXT. CAB - all power, mint. cond., keyless entry, cap, bedliner, tow pkg., 102K mi., 60K mi. on new eng., many extras, \$13,000. Chris, Ext. 2363.

98 HONDA CIVIC DX - black, 5-spd., a/c, new tires, brakes & exhaust, CD player, 66K mi., Lloyd, 664-6768.

98 HONDA CIVIC HX - all power, 69K mi., alloy wheels, 37 mpg, excel. cond., \$7,000. George, Ext. 4453 or 924-6105.

96 PONTIAC GRAND AM - a/t, a/c, p/s, p/w, 108K mi., \$3,000. lhnJea, Ext. 1110.

95 FORD ESCORT - a/t, a/c, p/s, 92K mi., brand new tires & timing belt, excel. cond., \$2,800. Rachel, Ext. 8331 or 399-2417.

95 T-BIRD - all power, V8, 120K mi., suntop, good cond., \$3,900. Jamal, Ext. 5805.

95 TOYOTA TACOMA - blue, a/c, p/s, p/b, p/w, crew cab, am/fm cass., 3.5 L, V6, 105K mi., \$6,900. Charles, 924-5638.

95 YAMAHA BLASTER - runs well, FMF pipes, new grab bar, ITP rims on rear. Kevin, 369-1977.

94 HARLEY SPORTSTER 883 - excel. cond., \$5,000. Ext. 2825.

93 LINCOLN TOWN CAR - powder puff, fully loaded, garaged, leather int., 63K mi., mint cond., \$5,500. 447-5377.

93 SUBARU IMPREZA - light green, 4-dr., a/t, a/c, p/l, p/w, 75K mi., dealer maint., excel. cond., \$3,300. Bob, Ext. 5689.

92 FORD TAURUS - a/t, a/c, p/s, p/b, 171K mi., good shape, runs well, many new parts, well maintained, \$850. Lenny, Ext. 5262 or 807-4556.

90 PLYMOUTH LASER - all power, 130K mi., good cond., \$1,000. Maryann, Ext. 2352.

89 HARLEY ULTRA CLASSIC ELECTRA GLIDE - lots of chrome, S&S carb, excel. cond., \$12,000. Ext. 2825

84 CAMARO - t-tops, motor bad, \$250. Rich, Ext. 4201.

81 VOLKSWAGON CABRIOLET - black/red, 400w stereo, 130K mi., good shape, roof tight & runs well, \$1,700. Charles, 924-5638.

81 YELLOWSTONE CAMPER - sleeps 4, shower, head, stove, gas, heat, a/c, \$3,000. Jorg, Ext. 5653.

79 CHRYSLER LEBARON - brown/tan, classic 2-dr. coupe, a/t, a/c, p/s, p/b, 69K mi., recent tune-up & oil change, runs well, \$2,500. Michael, Ext. 2050 or 281-2414.

65 TRIUMPH 4 ROADSTER - frame off restoration, red w/black int. & top, 50 mi., \$15,500. George, 725-4068.

### Boat & Marine Supplies

22' O'DAY - '77, sailboat, excel. cond., 6 h.p., Yachtwin Long Shaft Motor, new electrical/rigging, many access. John, Ext. 3108.

22' WESTERLY SAILBOAT - twin keel, fiberglass, clean, newly painted, many extras, needs some work, \$2,500. 744-3569.

OUTBOARD - Seagull, long shaft, 5 hp, model #WSPOL, at least 20 yrs. old, but works well, well maintained, \$500. 286-5897.

### Furnishings & Appliances

AIR PURIFIER - Honeywell HEPA, for large room, excel. cond., \$75; vac. cleaner, Sears, Kenmore canister, many features, excel. cond., \$75. Artie, Ext. 7934.

BEDROOM SET - antique maple double bed, dresser w/mirror, 1 nightstand, \$400; black wrought iron day bed w/mattress, \$100. Mary, Ext. 6344.

COUCHES - two couches, chair, ottoman set, pastel, comfortable, \$300; 24" x 22" round, black mica cabinet, \$30. Darcy, Ext. 3362 or 286-8523.

## Camera, Micro-Computer Clubs

A joint meeting of the BNL Camera Club and Micro-Computer Club will be held on Friday, April 11, at noon, in Berkner Hall, Room B. Richard Witkover will present a program entitled "The ABCs of Digital Photography — including Basic Photoshop for Photographers." The program will include actual live demonstrations of Photoshop. For more information, call Richard Witkover, Ext. 4607, or Ripp Bowman, Ext. 4672.

CRAFTMATIC BED - twin, \$250; dinette, octagon w/wrought iron, \$100. Ext. 4591.

DESK - contemporary design, grey, 5 drawers, beautiful & well built, like new, sacrifice, \$150 obo. Kevin, Ext. 2431 or 929-1683.

DINING ROOM SET - Broyhill, 40 yrs. old, table, 2 leaves, buffet, china cabinet, 6 chairs, table pads, \$550. Victor, 585-2084.

DINING ROOM FURNITURE - black lacquer mirror/glass wall unit, buffet, table w/leaf, table pads & 6 chairs, mint cond. Mitchell, 821-9028.

DINING SET - black Italian lacquer, table, 4 chairs, opens to seat 8, 2 yrs. old, \$900 obo. Doris, Ext. 3488 or 924-0903.

KITCHEN TABLE - pine trestle, 6 chairs, 2 leaves, \$200; exec. desk, 4 drawers, pics avail., \$225; Fantom Upright, vac. cleaner, atchmts., \$50. Kelly, Ext. 7746 or 580-2940.

LIVING ROOM FURNITURE - sofa, loveseat, wingback chair, white background w/pastel colored stripe, excel. cond., \$550. Gerry, 878-2872.

SECTIONAL - hunter green, w/recliners & queen sofa bed, excel. cond., \$225 obo. Nancy, Ext. 4303.

SOFA - vibrating recliner, brown corduroy, 3 wood tables, TV stand, 2 leopard lamps, computer chair, \$300/all. Will sell separately. Marie, 744-8215.

TEA CART - old, dropleaf, removable glass tray top, black w/gold trim, \$35. Chris, 744-6874.

### Tools, House & Garden

BENCH SWING - for porch, custom made, new, 6 1/2 ft. wide, treated wood, ready for stain, \$285 incl. chains. Tom, Ext. 4507 or 878-1060.

CHAIN LINK FENCE - 175', 5'H, black vinyl, 24 posts, 1 gate, like new, \$150. Rich, Ext. 4201 or 589-9103.

CHINA - service for 8 + covered dishes, creative manor "Garlands of Glory", \$125. Ext. 3834.

## Bus to Chinese Scholar's Garden, 5/4

Join a bus trip on Sunday, May 4, to see "China's Enduring Folk Arts: Stage and Studio" at the New York Chinese Scholar's Garden in the Staten Island Botanical Gardens, Staten Island, New York. The trip is sponsored by the BERA Asian Pacific American Association, BNL's English for Speakers of Other Languages Program, and BNL's Social & Cultural Club. Events will include: Asian drums, a Chinese concert, demonstrations of seal-carving and calligraphy, and paper-cutting and kite-making workshops for children, as well as a girls' ribbon dance.

The bus will leave BNL at 9:30 a.m., returning around 6 p.m. The bus fee is \$5 per person. Only 55 seats are available; call Samantha Lin, Ext. 3471. Admission to the garden is \$5 for adults; \$4 for seniors, students with ID, and children under 12. See [www.sibg.org](http://www.sibg.org) for more information.

## U.S. Open Bus Trip

The BERA Tennis Committee will lead a bus trip to the U.S. Open Tennis Championships at the National Tennis Center, Queens, on Tuesday, September 2. The bus will leave BNL at 8:30 a.m., stopping at the LIE exit 63 park & ride, and leaving the National Tennis Center at 7:30 p.m. The per-person cost of \$62 includes the day-session ticket, which is \$44, the bus fare and a tip for the driver. Make paid reservations at the BERA Sales Office, weekdays, 9 a.m. to 3 p.m.

## Bake Sale, 4/10

Buy goodies at the Upton Nursery School benefit bake sale, Berkner Hall, 11:30 a.m.-1:30 p.m., Thursday, April 10.

## Fishing Trip, 5/3

Join BERA for a fishing trip aboard the *Captain Bob*, sailing out of Mattituck on Saturday, May 3. Tickets cost \$48 per person and include the boat, bait, tackle, fishing rods and the initial tip for the mate. The boat departs the dock at 8 a.m. sharp and returns at 3 p.m. Make paid reservations and get directions to the dock at the BERA Sales Office in Berkner Hall on weekdays, 9 a.m.-3 p.m. For more information contact Andrea Dehler, Ext. 3347 or [dehler@bnl.gov](mailto:dehler@bnl.gov), or Sue Cataldo, Ext. 4461 or [cataldo@bnl.gov](mailto:cataldo@bnl.gov).

NYC BALLET TICKETS - 2 tickets to May 11 performance, Lincoln Center, excel. seats, front row center 2nd tier, \$55/ea. Ed, Ext. 2007 or 751-1474.

PINATAS - unique, all occasions, all character, cartoon, Disney, Sesame Street. Donna, 821-0359.

RAFTING TRIP - last weekend in Sept., call for details, Gauley, West Virginia. Wally, Ext. 4180.

TICKETS - 2 for Westbury Music Fair, Classic Soul Jam Show on 4/12/03, Sec. A, Row B, Seats 3&4. Ext. 3217.

### Wanted

HOME-HEALTH-CARE AID - wanted urgently. Lifting required. Mornings and evenings. Smithtown. Ext. 5090 or 821-3720.

HUNTING ITEMS - looking to purchase guns & old decoys. Paul, Ext. 5829.

LIFEGUARDS, SWIM INSTRUCTORS - of age 18 and over, wanted for the summer at the BNL pool. Various hours available. Chris Carter, Ext. 5090.

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

### Farewell Gathering

APRIL 9TH WALK - for Mary Wood, Health Promotion and Healthfest coordinator, say good-bye and good luck to someone who has given BNLers "miles of smiles." Wed., April 9th, noon, from Science Ed. Center, Bldg. 438, to National Weather Service and back, rain/shine. Be there!

### Announcements

There will be a weekly Celiac Lunch Group meeting for sharing info., support, recipes, area events & gluten-free food. Michael, Ext. 8612 or 395-5071.

Ads deadline: Friday noon for the next Friday's Bulletin. A list of Services offered by BNL employees is on the web (address below) or from Tiffany Minter, Ext. 2345.

## Drivers Beware Deer Do Not Always Cross in Crosswalks

This magnificent resident of the Long Island Pine Barrens can be dangerous if crossing the road in front of a car. Drivers should watch out both on and alongside the road, says Tim Green, Environmental Services Division. Deer often gather in small groups, and they are most active just after sunrise and before sunset. So, be prepared to avoid accidents.



Photo by Roger Stoutenburgh 01570902