

Applied Science & Technology Directorate Reorganizes

DAS, DAT Regroup Into Three New Departments

With a staff of 322 and a budget of \$107.5 million for fiscal year 2000, the Applied Science & Technology Directorate (AS&T), as of March 1, will reorganize its two departments into three, and will consolidate its employees, who are now located in 13 buildings on site, into four or five buildings.

According to Teresa Fryberger, Associate Laboratory Director for AS&T, the new directorate will be called Energy, Environmental & National Security Programs. The three new departments under this directorate will be Energy Sciences & Technology (EST), Environmental Sciences (ES), and Nonproliferation & National Security (NNS). These departments will replace the Department of Applied Science (DAS) and Department of Advanced Technology (DAT).

The Center for Data-Intensive Computing (CDIC) and the Office of Economic Development & Technology Transfer continue to be managed by this directorate.

(continued on page 2)

BNL Employee Award-Winners Honored at Berkner

Sixteen Named for Science & Technology, Engineering, Support

At the first-ever BNL Employee Recognition Award Conferral Ceremony and reception, held in Berkner Hall on February 2, 16 Lab employees were rewarded for their talent and dedication by receiving one of BNL's annual Employee Recognition Awards.

The annual employee awards were established in 1991. This year, after management review, innovations were made to broaden the scope of eligibility for awards, increase their number, and link them more directly to BNL's mission. These changes impacted all awards, including the Spotlight Awards granted by Laboratory organizations throughout the year (see photo below, right).

Thus, the former Research & Development Award has become the Science & Technology Award. This \$5,000 award may be won in any scientific or technical discipline other than engineering, and computing. Engineering and computing contributions are now honored by the Engineering Award. This new \$5,000 award was established to give more direct recognition to the wide range of efforts in this area and their importance to BNL's mission.

The \$2,000 Brookhaven Award, which retains its name, recognizes key support-function contributors whose performance and achievements represent outstanding service to the Laboratory.

Laboratory Director John Marburger says of the new award ceremony, "The distinguished contributions of employees who receive BNL's annual Employee Recognition Awards further the Laboratory's mission in science, technology, engineering and many other areas and are vital to the spirit of BNL. I consider it very important that such high standards and dedication should be recognized, not only by awards that emphasize the Laboratory's goals, but also by celebrating the achievement with a conferral ceremony and reception, which help symbolize the value that the Laboratory places on the award winners' efforts."

"It was a pleasure to have so many excellent achievers present, including not only this year's award winners, but

recipients from previous years who were able to attend," continues Marburger. "We were especially pleased to honor the winners with their family members present and appreciated the support of their coworkers who attended. I look forward to making this occasion a yearly event."

In addition to the 16 awardees' being honored, last year's Spotlight Award recipients were congratulated. The Director also used this occasion to present a DOE Performance Excellence Award to Ernie Tucker, Safety & Health Services Division, for meeting the qualifications as an examiner for DOE's Energy Performance Excellence Award (EPEA) Program and his participation on an EPEA evaluation team.

As Marburger noted, many employees receive similar awards from DOE each year, but are not recognized during a formal ceremony. Thus, the special acknowledgment of Ernie Tucker's achievement was a way of symbolically recognizing all employees who achieved similar accomplishments throughout the year.

A summary of the achievements of the winners listed below will be described in forthcoming Bulletins.

FY 2000 BNL Employee Recognition Awardees

Science & Technology Award: David Cox, Physics Department; Laurence Littenberg, Physics; Marshall Newton, Chemistry Department; who each won individually, and Lonny Berman, National Synchrotron Light Source Department; Malcolm Capel, Biology Department, and Robert Sweet, Biology, who shared one award, and received \$3,000 each.

Engineering Award: David Alexoff, Chemistry; James Cullen, Collider-Accelerator Department; Robert Lee, Environmental Services Division (ESD); Joseph Mead, Instrumentation Division; and Robert Scheetz, Physics.

Brookhaven Award: Susan Briggs, ESD; Ann Emrick, Biology; William Medeiros, Environmental Restoration Division; Lawrence Toler, Physics; and Kenneth White, Community Involvement, Government & Public Affairs.

BNL, DOE Help With Russian Submarine Safety

Russian shipyard workers engaged in the decommissioning and dismantlement of nuclear powered ballistic missile submarines can now monitor their radiation exposure better, thanks to the Arctic Military Environmental Cooperation (AMEC) program. More than 100 self-reading electronic dosimeters were recently given to the Russian Ministry of Defense by BNL as part of AMEC, which is a joint program between DOE and the U.S. Department of Defense.

AMEC activities have focused on efforts to manage spent nuclear fuel and low-level radioactive waste associated with the Russian submarine dismantlement program.

BNL's Environmental & Waste Management (EWM) Group in the Department of Advanced Technology is

playing a considerable role in the program, along with representatives from the Idaho National Engineering & Environmental Laboratory.

"This kind of technology and information exchange is important because it facilitates the submarine-decommissioning process and allows Russia to comply with its START I treaty requirements," said EWM Group Leader Paul Moskowitz. "The program allows the U.S. to simultaneously enhance its national security and protect the overall health of the environment."

BNL recently hosted a training exercise for a delegation of Russian and Norwegian naval officers (see photo below). The delegation practiced using the electronic dosimeters and learned other exposure-monitoring techniques.

— Peter Genzer



With (front, from left) Donna Strand and Paul Moskowitz, BNL, Arctic Military Environmental Cooperation program delegates who visited the Lab includes: (front, second right) Monica Endregard, Norwegian Ministry of Defense and former BNL postdoctoral research associate, and (front right) Captain Yuri Gudnin, Russian Ministry of Defense and delegation head.



Roger Stoutenburgh

For extending short-term, extraordinary efforts in response to the needs of their departments or divisions, 68 BNL employees (see list below) were honored with after-tax \$500 Spotlight Awards during fiscal year 1999. Many of the winners were present (see photo, above) at the February 2 awards ceremony (see story above). The list of winners follows:

Biology Department: Regina Shea; **Budget Office:** Patricia Giacalone; **Central Shops Division:** Alfred Farland; **Chemistry Department:** Lois Caligiuri; **Collider-Accelerator Department:** Richard Anderson, Valerie Bryant, Mary Campbell, Dolores Collins, Betty Elder, Patricia Farrington, Michael Hamilton, Walter Lamar, Florence LoPresti, Dean McDonald, Virginia Morante, Annabelle Petway, Scott Seberg, Letesha Smith, Michael Trager; **Community Involvement, Government & Public Affairs:** Jeanne D'Ascoli, Peter Genzer, Christine Lafon; **Department of Advanced Technology:** Maureen Anderson, Jean Frejka, Louis Gerlach, Linda Hanlon; **Department of Applied Science:** Marguerite Marsch; **Director's Office:** Rae Greenberg; **Financial Services Division:** Joan Barrow, Anne Corr, Robert Retundi; **Human Resources Division:** Nancy Sobrito-Melneko; **Information Technology Division:** Joseph DePace, Pamela Mansfield; **Instrumentation Division:** Donald Elliott; **Medical Department:** Susan Cataldo; **National Synchrotron Light Source Department:** Robert Best, Kathleen Loverro, Thomas McDonald, Laura Miller, Marc Montemagno; **Occupational Medicine Clinic:** Robyn Koebel; **Physics Department:** Breffni Medcalf, Bonnie Sherwood, Patricia Valli, Michael Zarcane; **Plant Engineering Division:** Patrick Browne, Bruce Laakmann, Jose Mendez, Alfred Schlendorf; **Procurement & Property Management Division:** Michele Haller; **Radiological Control Division:** Joseph Cracco, John Hale, Gregory Herman; **Reactor Division:** Louis Evers, Robert Kiss, Angela Melocoton, Joseph Montalto; **Safeguards & Security Division:** Thomas DeSimone; **Safety & Health Services Division:** Monica Manning, Gordon Rawn; **Staff Services Division:** Melanie Covitz, Christine Ronick; **Superconducting Magnet Division:** Daniel Oldham, Lawrence Welcome; **Waste Management Division:** Daniel Errante, Allen Jones, and James Trombacco.

AS&T Directorate Reorganizes

(cont'd)

Fryberger commented, "In bringing about this organization, my goals are to align ourselves better with U.S. Department of Energy (DOE) missions; to have an organization that reflects what we do; to increase our ability to strengthen our programs; to increase our flexibility to move into new areas of research; and to bring groups in similar mission areas together.

"Though we will have three departments," she added, "my experience has taught me that the ability to cross over departmental lines into multidisciplinary, collaborative projects can lead to greater productivity and more funding for research."

The reorganization within AS&T coincides with the end of terms for both DAS and DAT Chairs. James Davenport, former Chair of DAS, has become the Associate Director of CDIC, and Robert Bari, Chair of DAT, will continue as a Senior Advisor to the Directorate, with a focus on developing new programs.

Fryberger acknowledged Davenport's numerous contributions during his five-year term as Chair of DAS. About choosing him as Associate Director of CDIC, she added, "he is a great choice for the job with his background in theoretical physics, his broad scientific knowledge, and his knowledge of scientific capabilities at the Laboratory."

On Bari, Fryberger said, "Bob has been DAT Chair since 1995 and Deputy Chair from 1988-95. Last year, he served for five months as Interim Associate Laboratory Director for AS&T. He has made significant contributions to DAT and the directorate, as well as to the broader community."

While a search will be conducted to find chairs for the new departments, Fryberger has assigned three interim chairs: Bill Horak, DAT, for EST; Creighton Wirick, DAS, for ES, and Ruth Kempf, DAT, for NNS.

Fryberger emphasized that the reorganization will not reduce staff, but it will increase research opportunities and funding for the directorate. In fact, she hopes to fill about 20 new positions, 12 of them postdocs, during the coming year.

The areas of research in the three new departments will be essentially the same as the research currently conducted in DAS and DAT, but there will be more opportunities for collaboration and growth.

EST's ongoing projects will include: advanced reactor designs; scientific computing; energy infrastructure reliability; energy conversion, transmission and storage, including fuel cells and batteries; superconductors and magnetic systems; catalysis; and corrosion prevention.

ES will conduct research in most of Brookhaven's environmental science programs, including that by: the Atmospheric Sciences Division, which studies atmospheric pollutants and the effect of aerosols on global climate; the Earth Systems Science Division, which conducts research aimed at understanding the earth's biogeochemical cycles and climate; and the new Environmental Research Division, which consolidates scientific efforts to understand and characterize waste containing radionuclides, toxic metals, and chemicals.

NNS will work on domestic and international projects dealing with prevention and detection of the development and proliferation of weapons of mass destruction.

With the creation of the new directorate, Fryberger said, she hopes to make the overhead rate uniform for each of the three new departments. Current overhead rates for DAS and DAT differ by four percent, a disparity that discourages the departments from working together. Fryberger has appointed a committee to review current overhead structures, identify areas for improvement, and recommend a new overhead structure for the directorate.

The new directorate will regroup physically over the next few years. Fryberger said she is also trying to get funding to upgrade existing laboratories. In addition, funding for a new building is in the DOE budget for 2002. To be located next to Bldg. 815, the structure will include office and laboratory space for the new directorate. — Diane Greenberg



Roger Stoutenburgh

Service Awards

The following employees celebrated service anniversaries during November 1999:

40 Years	
Ronald S. Dobert	Adv. Technol.
35 Years	
Gilbert R. De Gregory	C-A
Patricia F. Meehan	Physics
James J. Roesler	Emerg. Services
30 Years	
Alan J. Smith	Info. Tech.
Thomas L. Smith	C-A
Morris M. Strongson	Info. Tech.
25 Years	
Joseph Buscemi	Plant Eng.
Hubbard Harris	Plant Eng.
Norman E. Holden	Reactor
John R. Johnson	App. Science
Carol S. Ogeka ..	Safety & Health Serv.
Betty J. Rollins	Staff Services
Richard M. Spitz	C-A
20 Years	
Sandra L. Asselta	C-A
Roger W. Davis	C-A
Ellen M. Fredrickson	Budget
Peter Kohut	Adv. Technol.
John D. Lara	Biology
Gregory B. Mack	Financial Services
William H. Medeiros	Env. Restor.
Peter T. Murphy	Plant Eng.
Diana M. Votruba	Supercond. Mag.
David S. Warburton	C-A
Craig L. Woody	Physics
10 Years	
Michael J. Kindya	Plant Eng.
Kathryn L. Kolsky	Medical
Joseph A. Mileto	Plant Eng.
Steven D. Savatteri	C-A
Lori B. Stiegler	Rad. Control

The following employees celebrated service anniversaries during December 1999:

35 Years	
Wesley E. Buxton	C-A
Robert G. Horton	C-A
Lawrence A. Johnson	Plant Eng.
Joseph F. Sheehan	NSLS
Frank J. Strelecki	Plant Eng.
F. William Studier	Biology
Peter Thieberger	C-A
30 Years	
Marshall D. Newton	Chemistry
25 Years	
Antoinette M. Insolia	Budget
20 Years	
Judy Badal	Env. Restor.
Raymond B. Ceruti	C-A
Christine King	Central Shops
Richard F. Krajewski	App. Science
Albert Queirolo	Reactor
Michael J. Tannenbaum	Physics
Susan R. Walch	App. Science
10 Years	
Susan M. Evans	Plant Eng.
William J. McGrath	Biology
Donna M. Storan	Adv. Technology
Mitchell V. Sussman	Rad. Control
Helmut Thiel	Safeguards & Sec.
John U. Valente	Adv. Technology
Flemming Videbaek	Physics
Jie Wei	C-A
Christopher C. Wong	Medical

HazWoper Training

PACE Union Local 1-431 has scheduled a free 40-hour HazWoper course for BNL employees, contractors, and guests, March 13-17, 8 a.m.-4:30 p.m., in the Bldg. 703 training room.

Contact Lou Evers, evers@bnl.gov or Ext. 4417, or Steven Coleman, coleman@bnl.gov or Ext. 2760.

Dowling College 2/29

Dowling College representatives will be at Berkner Hall on Tuesday, February 29, 11 a.m. – 2 p.m., to answer questions about programs and admissions requirements.

BNL employees and their families can take advantage of Dowling's tuition-reduction program for undergraduate and graduate study. Eligible part-time and full-time employees can save 25 percent in tuition.

Employees may receive BNL tuition reimbursement in advance for approved college courses.

For information on BNL's tuition reimbursement program, contact Marilyn Pandorf, Ext. 5251.

In Memoriam
Ted Kycia



Thaddeus Francis—Ted—Kycia, Physics Department, who was a prominent experimenter in the field of high energy physics, died of lymphoma complications on December 22. He was 66.

A native of Montreal, Canada, Kycia was educated at McGill University and the University of California at Berkeley, completing his Ph.D. in physics at Berkeley in 1959. That year, he was hired by BNL as a research associate. He advanced through the ranks to Senior Physicist and Group Leader after receiving tenure in 1966.

Colleagues recall that, in a long and productive career, Kycia had many notable achievements. He was known especially for a classic series of total cross-section experiments, in which the effective sizes of various elementary particles were measured at different interaction energies. These experiments uncovered many new states — resonances — that helped establish the quark model for the structure of elementary particles.

Pursuing this work to the highest available energies, Kycia and his collaborators determined that, as interaction energies became very large, total cross-sections stopped falling and began to rise, a phenomenon that is still not completely understood.

Kycia also made some of the earliest measurements of the magnetic moments of hyperons (particles containing a strange quark and two light quarks) and he discovered many new decay patterns of kaons (particles consisting of quark-antiquark pairs, one member of which is strange and the other light). When he died, he was preparing a new experiment to measure the precise value of the strength of the coupling of strange quarks to light ones, one of the fundamental parameters of the Standard Model of elementary particles.

A Fellow of the American Physical Society, Kycia was a leader in developing new detectors and the design of experiments. He had a record of getting difficult measurements right and on several occasions, corrected spurious claims of striking results by others.

"To his coworkers, he will be remembered as a strong leader who was fair and warm to his friends and colleagues," said Kelvin Li, a friend and colleague of many years' standing. "Ted was a dedicated physicist who maintained a strong positive outlook not only towards his work, but also life in general."

A resident of St. James, Ted Kycia is survived by his wife, Jadwiga Helen Kycia, who is a member of BNL's Biology Department; a daughter, Annia, and four sons: Tadeusz, who also worked in Biology, 1989-95; Jan, Stefan, and Adam.

Arrivals & Departures

Arrivals

In-Gyu Baek	NSLS
Michael G. Blewett	Biology
Timur V. Shaftan	Biology

Departures

Marylin A. Banks	Info. Services
Barbara Kimmich	Chemistry
Jeffrey W. Taylor	Human Resources

Hospitality Committee

The Committee invites all on-site residents, their spouses and friends to the following events. More details are posted in the laundry room and on the door of the Recreation Building. For more information, call Hospitality Chair Susan Hart, 821-4257.

Welcome Coffee

To help newcomers settle in at the Lab, coffee is served every Tuesday, 10 a.m.-11:30 a.m., in the lounge of the Recreation Building in the apartment area. Old friends are also welcome.

Parent-Toddler Group

Parents are invited to bring their toddlers to the Recreation Building on Wednesdays, 9:30-11:30 a.m. For more information, call Sarah Zill, 821-2602.

Sweetheart Food-Sharing

For the coffee meeting on February 29, you are asked to bring a little food to share. For more information, call Mimi Luccio, 821-1435.

German-Speaking Group

To participate in a weekly group that meets to speak and/practice German, call Simone Oppenheimer, 929-0043, for more information.

Noon Recital, 2/23

At the next noon recital in Berkner Hall, on Wednesday, February 23, flautist Anna Povich de Mayor will perform works by Gaubert, Prokofiev and Liebermann. She will be accompanied on the piano by Vanessa Fadial.

With a University of North Texas bachelor's degree in flute, de Mayor now pursues her master's in flute at the State University of New York at Stony Brook (USB). She has performed as a member of the Baroque Ensemble and is active in the Contemporary Chamber Players.

A semifinalist in the 1995 Flute Talk Competition, de Mayor was a winner in the 1997 Houston Flute Club Masterclass Competition and Young Artist winner of the 1997 Music and Arts Festival in Spokane, Washington.

USB doctoral student and teaching assistant Fadial holds a bachelor's degree from Oberlin Conservatory and a master's degree in collaborative piano from the Cleveland Institute of Music.

Fadial has performed in master classes for Claude Frank, Jerome Lowenthal, Gyorgy Sebok and Menahem Pressler.

Her engagements have included recitals at the Staller Center for the Arts and a concerto appearance with the Charlotte Repertory Orchestra in North Carolina.

TFCU at Berkner 2/23

Representatives from the Teachers' Federal Credit Union will be on hand in Berkner Hall lobby on Wednesday, February 23, 11 a.m.-1 p.m. to explain services and answer questions.

Shop for Office Supplies On Line Starting Today

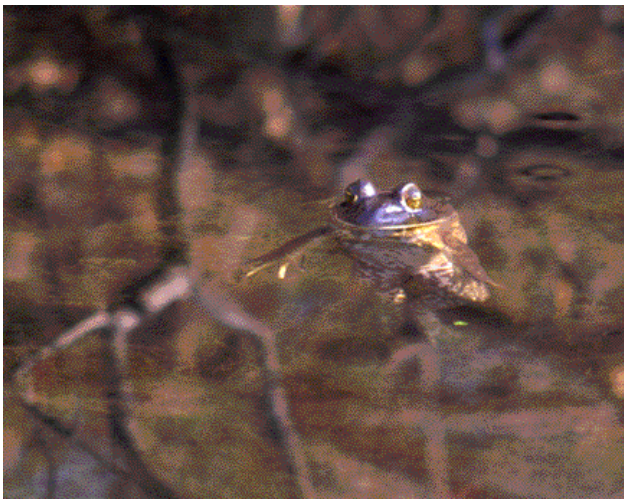
Starting today, Friday, February 18, BNL credit-card holders may order their office supplies from an on-line catalog available at www.dcp.bnl.gov, within the Procurement & Property Management (PPM) Division's electronic shopping mall.

Because PPM has obtained discounted prices from a stationery vendor, the price per item ordered electronically is lower than the price for the same item bought elsewhere. Within a day of accepting an electronic order from BNL, the Lab's stationery vendor will deliver the items to PPM's receiving docks.

To place an order through PPM's link to the stationery catalog, BNL credit-card holders must enter their credit-card information.

In addition to using on-line help or calling the toll-free help line 1-800-353-3375, Lab credit-card owners may participate in on-site training to learn how to use the catalog.

To arrange for training or for answers to other questions about shopping on line, call PPM's Ron Ondrovic, Ext. 4553.



On-Site Signs of Spring

A hawk, a muskrat, and a bullfrog all modeled for Roger Stoutenburgh's camera on the same day last week.

Project Management Training On Site

The Office of Management Services (OMS) is again offering "Project Management: The Foundations Class." This is an intense, two-and-one-half-day training course, which develops or enhances Project Management skills.

The class has been held several times during the last few months and continues to receive excellent reviews from participants and their managers. In addition, the class has been reviewed and is strongly endorsed by Jack Marburger, Laboratory Director, and Tom Sheridan, Deputy Laboratory Director for Operations.

This training is designed for new or current project managers, team members, or individual contributors. Participants will share in action learning, team experiences, and a mini-simulation of a project on which they practice their new skills and get immediate feedback. Sample topics include: project management language; behaviors of effective project leaders and teams; a four-step, common-sense method; and controlling costs against budgets.

The schedule for this class is: March 20 - 8:30 a.m. to 12:30 p.m.; March 21 - 8:30 a.m. to 5 p.m.; March 22 - 8:30 a.m. to 5 p.m.

To register, or for more information on this class and other OMS project management services, contact Cyrena Condemi, Ext. 2634, or oms@bnl.gov.

Volunteers Needed: Computer Instructors

BNL is the home of a community-based computer training course called Learning & Information Networking for Community via Technology (LINCT).

To run LINCT, BNL employees donate two hours per week for 12 weeks to train community members who cannot afford to become computer literate. Classes are held 9-11 a.m. and 11 a.m.-1 p.m., using training materials provided by LINCT.

To volunteer in the LINCT effort, contact Sol Rosario, Ext. 6253 or srosario@bnl.gov.

Volunteer Transportation

A BNL employee needs transportation to and from the Lab, from Middle Island, three days a week. This employee is unable to drive due to a disability.

If you are interested in volunteering, contact Lorraine Merdon, Diversity Manager, at Ext. 3318.

IBEW Meeting

Local 2230, IBEW, will hold its regular monthly meeting on Monday, February 28, at 6 p.m. in the Knights of Columbus Hall, Railroad Avenue, Patchogue.

There will be a meeting for shift workers at 3 p.m. at the union office. The agenda includes regular business, committee reports and the president's report.

Road Closure

As announced on February 4, the access road that runs south of Buildings 701 and 801 will be closed to through traffic until mid-March.

A portion of the roadway must be removed so that piping associated with the Brookhaven Graphite Research Reactor pile fan sump can be removed.

Pick a Student

Student applications for the Summer 2000 Energy Research Undergraduate Laboratory Fellowship (ERULF) program are available for review on an electronic database through Friday, March 10.

Addresses and passwords are available from the Office of Educational Programs (OEP), Bldg. 438, or from the departmental education coordinators.

ERULF will run for ten weeks, June 5-August 11. OEP will pay for students' stipends and round-trip transportation. Sponsoring departments are asked to cost share one month's housing for students who require it.

For more information, contact Louise Hanson, Ext. 5849, hanson2@bnl.gov; or Catherine Osieki, Ext. 4503 or cathyo@bnl.gov.

Future Events at Berkner Hall



Roger Stoutenburgh

The BNL Gospel Choir performs February 24

All are invited to a concert to be given by BERA's BNL Gospel Choir on Thursday, February 24, from noon to 12:30 p.m. The choir will be performing for the Community College Institute Workshop 2000, organized by BNL's Office of Educational Programs.

Roderick MacKinnon, an investigator at Howard Hughes Medical Institute and head of the Laboratory of Molecular Neurobiology and Biophysics at Rockefeller University, will give a BSA Distinguished Lecture in Berkner Hall, on Wednesday, March 8, at 4 p.m. His talk will be on "Exploring Potassium Channels: A Key to Understanding the Nervous System."

Sponsored by the Brookhaven Retired Employees Association, retiree Eric Forsyth will present a talk and video on his recent journey to Antarctica in his sailboat *Fiona*. The talk will be held on Tuesday, March 28, at 4:30 p.m. in Berkner Hall. All are welcome.

Garman Harbottle of the Chemistry Department will give a BSA Distinguished Lecture on "The Origins of Chinese Civilization: Recent Archeological Discoveries," on Wednesday, March 29, at 4 p.m. in Berkner Hall. Harbottle was part of a research team that analyzed artifacts, including a flute that might be the world's oldest playable musical instrument, from the early neolithic site of Wuyang Jiahu, in the Henan Province, China.

BROOKHAVEN BULLETIN

Published weekly by the Media & Communications Office for the employees, facility-users and retirees of BROOKHAVEN NATIONAL LABORATORY

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

Healthline Events

The events arranged by Health Promotion Specialist Mary Wood, Occupational Medicine Clinic (OMC), offer BNLe rs the chance to improve their well-being. To register or for more information, contact Wood, Ext. 5923 or wood2@bnl.gov.

Weight Watchers Restarts

Registration for the upcoming Weight Watcher sessions will now be at noon, Wednesday, February 23, just before the first session of the program starts at noon. The 10-week program will be held in the south dining room of the Brookhaven Center on Wednesdays, noon-1 p.m. Fee: \$89.

Upcoming Health Lectures

2/29 - "Acupuncture - What You Need to Know," by James Wu
James Wu, MD, will talk about the origin of acupuncture and how it works based on traditional Chinese medicine and Western science and medicine. He will focus on the differences in acupuncture devices and techniques used today and their applications in modern medicine.

Wu, who did his undergraduate work at the State University of New York at Stony Brook, holds a Doctor of Traditional Chinese Medicine degree from the People's Republic of China and received his medical degree from the British West Indies. He is a licensed acupuncturist in Maryland and New York.

- 3/21 Two-day workshop on "Surviving — Is Thriving Possible? The challenge of Motherhood and Career," at the Medical Department Small Conference Room, 12 noon—1 p.m. Dianne Polowczyk, Ph.D., and Mary Wood, MBA, CHES.
- 4/04 "Money Matters in Catastrophic Illness — A 2000 Update," by George Roach
- 6/01 "Delicious Vegetarian Cuisine," by Marlisa Brown
- 6/06 "Breast Disease — An Update," by Lisa Sclafani
- 6/13 "Common Urological Problems in Men," by Richard Musto.

Daffodil Sale

Again this year, BERA will sell bouquets of daffodils to benefit the American Cancer Society (ACS). Each bouquet will sell for \$6, all proceeds going to the ACS. Paid orders are being taken at the BERA Sales Office, weekdays, 9 a.m.-1:30 p.m.
Pick up reserved bouquets 9 a.m.-1:30 p.m. on Thursday and Friday, March 30 & 31, at the BERA Sales Office. Any extras will be sold on Thursday, March 30, in the Berkner Hall lobby, 11:30a.m.-1 p.m. For more information, call Andrea Dehler, Ext. 3347.


Holiday Notes

In observance of Presidents' Day, the Lab will be closed on Monday, February 21. There will be no **Bulletin** on Friday, February 25.

In addition, the **Research Library** and the on-site offices of the **Teachers Federal Credit Union** and the **U.S. Postal Service** will be closed on Monday, 2/21. The **swimming pool** and **gymnasium** will keep normal weekend hours but close on Monday, 2/21.

The **Cafeteria** will provide weekend service Saturday-Monday, 2/19-2/21, 7:30 a.m.-2p.m. each day. The **Brookhaven Center** will be closed on Sunday, but it will reopen on Monday, 5 p.m.-9 p.m.

Thanks, BNL

 **195 Pints of Blood This Valentine's Day**

BNL's emergency blood drive on Valentine's Day resulted in 195 pints of blood being donated from among 211 generous volunteers. Sixteen more pints will be added from donors whose contributions were postponed.

BNL Blood Drive Chair Susan Foster thanks everyone who helped in this special effort to replenish Long Island's too-low blood bank supply.

N. Gate Opens at Noon

To improve traffic flow and reduce traffic volume and the possibility of vehicular accidents, the Lab will be opening the North Gate at lunch time for a two-week trial.
From Monday, February 21, until Friday, March 3, the northbound exit lane will be open from 11:45 a.m. to 12:30 p.m.
The southbound entrance lane will be open for returning employees from 12:45 p.m. (not 12:30 p.m. as previously announced) to 1:15 p.m.
Depending on the results and employee feedback, this may become a permanent schedule.



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 (516) 344-6018; or access current job openings on the World Wide Web at http://www.bnl.gov/JOBS/jobs.html.

LABORATORY RECRUITMENT - Opportunities for Laboratory Employees.

MK8343. DIVERSITY COORDINATOR POSITION - Requires a bachelor's degree in business, sociology or related field, excellent oral and written communication skills, knowledge of MS Word and at least several years' Laboratory experience, preferably in an administrative position. Must have demonstrated interest in and knowledge of the diversity/EEO field and the ability to travel on a limited basis. Knowledge of Human Resources' policies and procedures and knowledge of Equal Employment Law and Affirmative Action highly desirable. Will be responsible for assisting in the formulation and implementation of programs and special projects relating to the Affirmative Action Plan and Equal Employment Opportunity compliance. In addition, will administer several Diversity Office programs, which will include the recruitment of minorities and women, representing the Laboratory both on and off-site, delivering training programs, and participating in Diversity Office's Laboratory-wide projects. Diversity Office.

DD8576. SECRETARIAL POSITION - Requires an AAS degree in secretarial science or equivalent experience. Will provide varied secretarial and clerical support to both the Office of Economic Development and Technology Transfer and the Office of Research Administration. Excellent oral and written communication skills and experience with Word is required; knowledge of BNL systems such as IPAP, Jcars, Peoplesoft and the travel systems highly desirable. Office of Economic Development and Technology Transfer.

DD8367. OFFICE SERVICES ASSISTANT POSITION - (term appointment) Requires an AAS in secretarial science or equivalent experience, proficiency in MSWord and a knowledge of MS Office applications. Will provide administrative and clerical support for the STAR Technical Support Group and Star users. Duties will include maintaining the STAR drawings and documents archive, tracking engineering change requests and engineering change notices, processing purchase orders, shipping memos, web reqs and ILRs. Physics Department.

OPEN RECRUITMENT - Opportunities for Laboratory Employees and Outside Candidates.

MK8231. ASSISTANT SCIENTIST - Requires a Ph.D. in nuclear physics. Will be responsible for implementing PET instrumentation improvements within the Laboratory's NIDA/DOE Regional Neuroimaging Center. In addition, will be responsible for performing periodic evaluations of existing instruments, developing and carrying out experiments to improve the quality of current measure and establishing research collaboration with other PET groups on PET instrumentation. Will also provide support to the new Medical Physics initiative within the Medical Department and collaborate with staff of the Medical Instrumentation Division and the Physics and Chemistry Departments. Under the direction of N. Volkow. Medical Department.

MK2415. PATENT ATTORNEY - Requires experience as a patent attorney with a technical background in electrical, mechanical or chemical engineering. Will be involved in the identification of new technologies and evaluation of commercial potential of Laboratory developed inventions; obtaining of patent protection on Laboratory owned technologies in above fields; and the licensing of Laboratory-owned inventions. Will be responsible for recommending the design of overall licensing program/strategy for individual technologies, marketing technology to prospective licensees, and negotiating/monitoring licenses. Office of Economic Development and Technology Transfer.

NS8461. ADMINISTRATIVE POSITION - Requires a bachelor's degree, or equivalent, in a technical or business-related field, five years' experience working in the environmental field, and demonstrated writing and editorial skills preparing complex technical documents. Good communication, interpersonal, team-building and problem-solving skills and experience performing multiple tasks simultaneously are necessary. General knowledge of ISO 14001 requirements, BNL Environmental Management System Program deployment, and BSA Management Systems is desirable. Under minimum supervision, will be responsible for coordinating production of Annual Site Environmental Report, coordination of bi-weekly meetings, monthly status reporting, field inquiries on EMS program requirements, drafting of routine correspondence, Microsoft PowerPoint presentations, Excel data summaries, and Access database queries for presentation at Environmental Management System-related meetings and reports. Environmental Services Division.

NS8154. WRITER/EDITOR POSITION - (term appointment, reposting) Requires a BS degree or equivalent and 5-7 years' experience in procedural and technical editing and writing, familiarity with Netscape/Internet Explorer, MS Word style sheets, and Dreamweaver. Excellent interpersonal communication and team building skills are necessary, as are speed and accuracy in note taking and the ability to synthesize meaning and intent into clearly written documents. Experience with HTML and Web page development and flowcharting software is desirable. Responsibilities include consulting with subject matter experts for the purpose of translating complex technical material into instructional and education publications for a variety of audiences. Information Services Division.

NS8310. PROGRAMMER/ANALYST POSITION - Requires a BS in computer science, or a related discipline, and a minimum of three years' programming experience. Good problem solving and communication skills are necessary to design and develop web-based applications. Conceptual knowledge of object-oriented design concepts and relational databases is required, as is VB and ASP experience; Java and NT experience is a plus. Business Information Systems Group/Financial Services Division.

NS8528. PROGRAMMER/ANALYST POSITION - Requires an MS in computer science, physics, math, or related field and several years' experience in a scientific or control system environment. Experience with C, X-windows, and UNIX is required; Java, C++, database, and Windows experience a plus. Requires creativity and good problem-solving skills to take a leadership role in developing project software infrastructure, designing and developing programs and user interface software and tools for use by the accelerator control staff. Must be able to work independently and interface and collaborate with engineers and physicists, including assisting and possibly training personnel at other institutions. Spallation Neutron Source Project. Collider-Accelerator Department.

DD7980. TECHNICAL POSITION - Requires a bachelor's degree in a technical field or equivalent experience. Will provide technical support to the HERMES I Project. Duties will include the fabrication, installation, assembly and testing of components. Will construct calibrate, test and inspect systems, review designs and evaluate materials and equipment. Chemistry Department.