



Roger Stoutenburgh

Nora Volkow

Nora Volkow Chairs Medical Department

Nora Volkow, Director of BNL's Nuclear Medicine Program, has been appointed Chair of the Medical Department. Effective June 17, Volkow replaced Darrel Joel, who fulfilled a five-year term as Chair and has returned to full-time research within the department.

In announcing Volkow's new position, Laboratory Director Nicholas Samios noted that she is a board-certified psychiatrist with an exemplary professional background.

"Nora Volkow was a research collaborator in the Chemistry Department from 1981 to 1987, interacting strongly with the Positron Emission Tomography [PET] group," Samios

said. "She joined the Medical Department in 1987 as an associate scientist and was promoted to Scientist in 1989. . . . Her interactions with colleagues at Brookhaven . . . and other institutions have led to 140 publications in the peer-reviewed literature. She received the BNL Distinguished Research and Development Award in 1995 for her pioneering work on substance abuse and brain imaging."

Samios also complimented Joel, saying he "did an outstanding job in overseeing profound and successful changes in important Medical Department programs, such as Boron Neutron Capture Therapy [BNCT], isotope production at the Brookhaven

Linac Isotope Producer [BLIP], and substance abuse and brain imaging in collaboration with the Chemistry Department. . . . We appreciate not only his leadership efforts, but also the fact that he was the essential interface between medical science and political pressures making BNCT an effective reality. He has our profound thanks."

Volkow also acknowledged Joel's significant contributions, particularly in the development of BNCT. Then, she looked at the Medical Department.

Focus on Collaborations

"I am assuming the chair in an exciting time — just as the 21st century (continued on page 2)

RAPid Response to Radium Plot

For members of the RAP team, calls to the 24-hour hotline are routine. But the call that came in on Thursday, June 13, at 1:03 a.m., pulled the group into an ongoing criminal investigation that captured headlines across the country.

RAP stands for Radiological Assistance Program, a national program maintained by the U.S. Department of Energy (DOE) to assist federal, state and local governments in handling incidents involving radioactive materials. Every RAP response is aimed at protecting people and property.

The RAP team for 11 northeastern and mid-Atlantic states, plus the District of Columbia, is headquartered here at the Lab and staffed by DOE personnel as well as BNLers, who represent DOE when out on a RAP assignment.

Beginning with the early-morning phone call on June 13 and working through much of June 14, members of the RAP team surveyed private residences in three locations — Bellport, Medford and Manorville.

These are the homes of three Long Island men arrested by Suffolk County police and variously charged with conspiracy, criminal possession of a weapon and illegal possession of explosive devices. According to the Suffolk County District Attorney's Office,

two of the men were conspiring to assassinate political and public officials with radioactive materials.

At the Bellport and Medford homes, the RAP team found an assortment of radioactive material. The highest radiation readings were from the radionuclide radium-226, which was contained in lead shields.

In both locations, the RAP team found no contamination — good news for neighbors in the areas.

RAP team members also were asked to provide technical support to the District Attorney's office during the initial investigation.

None of the radioactive material found in the two houses came from BNL, and none of the suspects is associated with the Lab.

A naturally occurring radioactive material, radium was first chemically purified in 1898 by French chemist Marie Curie. That same year, French physicist Henri Becquerel documented the first injury from radium, when he got a skin burn from carrying around a piece in his vest pocket.

Early on, radium was commonly used in luminous watches, clocks, pull chains and instrument dials. Later uses of radium included medical treatment for cancer and instrument calibration.

Because radium would concentrate



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Radiological Assistance Program, or RAP, team members who responded to assist Suffolk County Emergency Services in the radium case are: (from left) Alan Kuehner and Henry Kahnhauser, Safety & Environmental Protection Division; Mona Rowe, Public Affairs Office; and, from the U.S. Department of Energy (DOE), Brookhaven Group, Michael Holland, Steven Centore and Jerald Bond. Holland is Director of the Nuclear Programs Division for the local office, and Centore is the RAP Regional Response Coordinator.

in the bone if ingested, radium watch and instrument dial painters, who wetted their brushes by licking them, developed jaw necrosis several years after initial exposure and bone cancer

many years later. These workers have been the subject of several long-term studies of health effects from chronic exposure to radium.

— Mona S. Rowe

New Task Force Focuses on Safe, Orderly Environment at BNL

This May, Laboratory Director Nicholas Samios established a Task Force on Environmental Protection and Safety Performance. Its goal: To maintain and improve on the excellent record of BNL's safety and environmental protection program, as well as the strong employee understanding of each individual's role in this program.

Task Force Chairman, Deputy Director Martin Blume, said, "However good our past environmental safety and health record is, as in all large organizations, a periodic revitalization is necessary to keep safety awareness in peak form."

Other members of the Task Force are: Michael Bebon, Assistant Director, Management & Physical Plant; Joseph Buscemi, Safety & Environmental Protection Division (SEP) and President, Local 2230 of the International Brotherhood of Electrical Workers; Bob Casey, Head, SEP; Sue Davis, Associate Director, Reactor, Safety & Security; and Derek Lowenstein, Chairman, Alternating Gradient Synchrotron Department.

The Task Force is working with members of the Directorate, Department Chairs, Division Heads and bargaining-unit representatives to assure effective communication among all employees on safety and environmental protection. In his May 13 memo informing employees about the Task Force, Samios emphasized the importance of everyone's cooperation. At a meeting on May 31, Blume outlined plans to ensure that all employees and visitors would participate in the proposed efforts.

Along with the existing communication paths, Blume said that a number of new opportunities for employees to suggest improvements or voice concerns would be offered, including group meetings with department or division staff, an anonymous survey and individuals designated as points of contact who would arrange private interviews with employees. Also, the

Task Force is overseeing a Laboratory-wide cleanup.

Walk-Throughs Initiated, Surveys Sent

Early in June, inspection teams composed of staff at all levels began walking through Lab facilities to spot any cluttered areas inside and outside the workplace. In accordance with the Task Force's plans, arrangements were then being made to store or dispose of little-used or unwanted items appropriately. During these continuing walk-throughs, the inspection teams also note any potential safety problems, which are followed up and addressed after consultation with SEP personnel.

The anonymous survey, with questions on a number of BNL's environmental, safety and health programs, was distributed to every Lab employee, visitor and user on June 12. Results of the completed surveys will be discussed in departmental meetings and should help determine areas for improvement.

Accompanying the survey is a memo from Blume inviting anyone who has suggestions or would like to discuss any of these issues with Task Force members to contact: Bebon, Ext. 3434, Blume, Ext. 3735; Buscemi, Ext. 4618; Casey, Ext. 4654; Davis, Ext. 3711; or Lowenstein, Ext. 4611.

Said Blume, "Good progress has been made and more is on the way. Other steps in the Task Force's plans will be set in place so that everyone on site recognizes that the environment, health and safety of Brookhaven and its staff is a personal responsibility. Heightened awareness of this responsibility at all times and at all levels is our aim, and opening all possible doors of communication is the key. Brookhaven is an outstanding scientific research institution, and our environmental safety and health programs must be comparably excellent."

— Liz Seubert

Peter Soo Honored by Brookhaven Town Youth Board

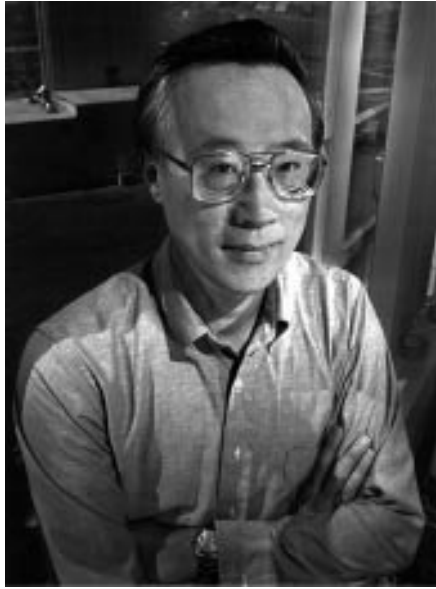
Peter Soo, a metallurgist in the Department of Advanced Technology (DAT), was one of 25 individuals and groups honored by the Brookhaven Youth Board for volunteer service to local youth. The ceremony was held at the Brookhaven Town auditorium in Medford on May 7.

Soo's supervisor Robert Hall nominated him for the honor based on two volunteer programs that Soo had initiated at BNL: a mentoring program that aids students in the Longwood School District in Middle Island, and a Collegiate Science and Technology Education Program (CSTEP).

Mentoring One-on-One

About two years ago, Soo spearheaded a volunteer program in which about 20 BNL employees met with students in the Longwood School District on a one-to-one basis to discuss whatever the youngsters wanted to talk about. Since then, the program has grown to 35 BNL volunteers who visit with students from two elementary schools and a middle school in the Longwood district.

The BNL mentoring effort is based on the New York State Mentoring Program, which started in 1987 and has



Peter Soo

since been discontinued. Today, the Longwood students are visited at school by volunteer BNLers with the support of BNL's Office of Educational Programs and the school district.

Soo and the other mentors meet with their mentees, either at lunch time or before work, approximately four hours per month. The adults first participate in a training course and

then are matched with students of the same gender and, when possible, similar interests.

In addition, the students visited the BNL Science Museum accompanied by their mentors last summer, thanks to help from Museum Programs in the Public Affairs Office. "This summer, we hope to visit the Vanderbilt Museum with our mentees," Soo said.

He added: "The children in the mentoring program had been identified by their teachers as being in need of extra attention. Now we are getting good feedback from the teachers. Many of the children participate more in class, and they have developed friendships with each other. If we can save just one child from dropping out of school, I feel the program is worth the effort."

CSTEP: Learning on the Job

CSTEP, a cooperative program between the State University of New York at Old Westbury and Brookhaven's DAT, helps minority undergraduate students in science and engineering gain on-the-job experience in their fields of study. During the summer, interested DAT personnel supervise the students, who receive a

stipend for participation in the work-study program.

"About three years ago, I arranged for our department's participation in CSTEP, which is coordinated by Professor Henry Teoh at SUNY Old Westbury, a friend of mine," Soo said. "The program provides opportunities for minority students to gain hands-on experience, while getting college credit during the summer."

A native of England, Soo earned his Ph.D. in metallurgy from the University of Liverpool and joined BNL in 1967 as a postdoctoral research associate in the Department of Nuclear Energy (DNE), now called DAT. He became an associate metallurgist in 1968, and then moved to the Department of Applied Science a year later.

From 1970-75, he left the Lab to work for the Westinghouse Electric Corporation in Pittsburgh, returning as an associate metallurgist in DNE. He was promoted to Metallurgist in 1979. Soo has recently been working on developing educational programs for U.S. Department of Energy staff.

Anyone interested in participating in BNL's mentoring program or CSTEP may call Soo at Ext. 4094.

— Diane Greenberg

Nora Volkow

(cont'd.)

Neurosciences and the American College of Neuropsychopharmacology. tury is about to begin," Volkow said, "and I welcome the opportunity to build on the strong programs we currently are working on, as well as encourage researchers in these programs to interact with each other. Also, I hope to develop new collaborations and to attract young researchers with fresh ideas to the department."

While the Medical Department currently has about 80 employees, Volkow believes its research programs can be expanded and optimized by taking advantage of the world-class facilities and interdisciplinary nature of BNL's programs.

Medical's collaborations with the Chemistry and National Synchrotron Light Source Departments have been long established, but Volkow hopes to strengthen Medical's bonds with other departments, such as Biology. "For instance, we can integrate information from molecular genetics research in the Biology Department to develop imaging investigations and tumor treatment further," she said.

Medical's Three Main Projects

According to Volkow, the Medical Department currently has three main projects: production of radionuclides at BLIP, BNCT and medical imaging.

A BLIP upgrade now in progress will make BNL a unique U.S. center for the production of a broad spectrum of radionuclides used in nuclear medicine. This will be beneficial both for the research community and for therapeutic and diagnostic purposes.

As Volkow pointed out, the BNCT program, which has been performing clinical trials for almost two years, provides a new approach to treatment of brain tumors, which may improve survival and quality of life for patients. Future research with BNCT will include determining optimal dosing strategies, developing new compounds with higher tumor-to-normal tissue ratios and evaluating the therapy for treatment of other types of tumors.

Finally, Volkow said, the department's medical-imaging project will be expanding its research effort by using magnetic resonance imaging (MRI) technology to investigate the human brain.

Her Research Will Continue

Volkow plans to continue her own

research while leading Medical, so she is also enthusiastic about collaborating with Chemistry in using its newly opened MRI facility, in conjunction with PET, to evaluate the effect of drugs of abuse on brain function, Volkow's major research interest.

According to Volkow, Chemistry's two imaging facilities complement each other in such research because PET provides information on the brain's biochemistry and pharmacology, while MRI detects changes in brain function during intoxication. "This information, for example, may enable us to understand the mechanisms by which drugs facilitate violent behavior, since more than 50 percent of violent acts are connected with alcohol and drug consumption," Volkow said.

Another research area she hopes to pursue is understanding the biochemistry of obesity. "Similar to drug addiction, food addiction can change the biochemistry of the brain," Volkow said. "It will also be important to gain data on the importance of diet and exercise in changing brain function."

After receiving her M.D. in 1980 from the National University of Mexico, Volkow did her residency at New York University's Department of Psychiatry from 1981-84.

During this period, she collaborated with BNL, using the Lab's PET facility to study brain organization in schizophrenia and to develop a PET radiotracer to measure cell growth in brain tumors.

At the University of Texas Medical School from 1984-87, Volkow led a research program using PET to investigate the toxic effects of cocaine. In 1987, Volkow joined BNL's Medical Department to continue this research.

She became Associate Chief of Staff in the Lab's Clinical Research Center in 1990, was awarded tenure in 1992, and was appointed Director of the Nuclear Medicine Program in 1994. Volkow also has been an associate professor in the Department of Psychiatry at the State University of New York at Stony Brook since 1987.

Volkow's pioneering studies at Brookhaven include investigations of the biochemical changes in the brain associated with drug addiction, alcoholism, smoking and aging. Her research may lead to effective pharmacological treatment of addiction and may aid in finding avenues for delaying or counteracting the deleterious effects of aging.

Volkow is a member of the American Psychiatry Association, the Society of Nuclear Medicine, the Society of

Neurosciences and the American College of Neuropsychopharmacology.

— Diane Greenberg

BWIS-Medical Department Seminar

Hypoxia and Cancer Progression

When cells are deficient in oxygen, they are said to be hypoxic — and, in solid cancers, this hypoxia has long been known to limit the effectiveness of radiation and chemotherapy on malignancies. But is hypoxia solely an early event in a tumor's transformation from benign to malignant? Or, as developing views suggest, is hypoxia a factor contributing to the development and progression of malignant disease?

These issues will be discussed next week by Sara Rockwell, Professor in the Department of Therapeutic Radiology and at Yale Comprehensive Cancer Center at Yale University School of Medicine, in a joint Brookhaven Women in Science (BWIS)-Medical Department Seminar. Her talk on "Hypoxia: An Early Event in Tumor Progression" will be held on Wednesday, June 26, at 1:30 p.m., in the large conference room of the Medical Department, Bldg. 490.

Oxygen deprivation is a metabolic abnormality and causes stress in the cell's microenvironment. Before describing the developing shift in the paradigm for tumor hypoxia mentioned above, Rockwell will briefly review the history of research in this area. She will then discuss recent research into using the metabolic abnormalities associated with the cell's microenvironmental stress to attack malignancies selectively.

Having earned her Ph.D in biophysics at Stanford University in 1971, Rockwell joined the staff of Yale School of Medicine in 1974, reaching full professor in 1989, the same year she received an honorary M.A. degree from Yale University. This year, she was named Director of the Yale School of Medicine's Office of Scientific Affairs.

Rockwell will be the guest of honor at a dinner on the evening preceding her talk. To join her at Mama Lombardi's Restaurant in Holbrook on Tuesday, June 25, at 5:30 p.m., call Louise Hanson, Ext. 7709 or 5849.

Before her talk on June 26, all are welcome to join Rockwell for an informal, bring-your-own lunch at noon in Room A, Berkner Hall, where she is particularly interested in meeting with students. — Anita Cohen

How to Mess With Your Mouse

Problems with your computer mouse can be as pesky as the real rodent. But, before exterminating it, Christopher Harris, a technical associate in the Reactor Division, suggests that you try cleaning it. Cleaning your mouse is fast and easy and doesn't require any special tools.

First, turn your mouse upside-down (creating a "dead mouse"), and remove the retaining ring by turning it counterclockwise. Then, turn the mouse right-side-up and catch the ball as it drops out. Wash the mouse ball with soap and water, and dry it carefully. Clean the dust and lint out of the mouse "carcass," paying special attention to the rollers. Reinsert the ball

and the retaining ring, and the job is done.

Harris' suggestion is part of the last group of suggestions being evaluated by the Employee Suggestion Program. The now-canceled program accepted suggestions until December 1, 1995, and some of them are still being considered for awards. — Sarah Gilbert

Safety Shoe Office: Two-Day Closing

The Safety Shoe Office in Bldg. T-88 will be closed on Monday and Tuesday, June 24 & 25. It will reopen on Thursday, June 27, at 9 a.m.

Co-Worker's Quick Action Saves BNLer's Life

On May 23, John Gallagher sat down for lunch as he does every day.

He was running a little late, so his lunchtime cohorts — Bob Best, Walter Deboer and Skip Thomas — had already arrived. The four men meet to eat lunch in a small basement break room at the National Synchrotron Light Source. That Thursday, they started talking and eating. As usual.

Gallagher picked up his dry turkey sandwich and took a small bite from the edge. Then Thomas asked him a question.

When he went to answer, Gallagher was more surprised than anyone when he couldn't breathe.

"Skip was the first to notice. He asked me if I could breathe. I shook my head no," Gallagher remembered. "I kept saying to myself 'Any second now it'll come out.' It was distressing."

While Best ran to call the ambulance, Deboer crossed the table to where Gallagher was sitting. He reached over the back of Gallagher's chair and pushed his fists upwards under Gallagher's ribs.

"Slowly his head was sinking lower



John Gallagher (left) shakes hands with Walter Deboer, who saved his life by performing the Heimlich maneuver.

and lower," Deboer recalled. "Even after I did the Heimlich maneuver twice, there was a time delay before he was able to cough."

The ambulance from BNL's Fire/

Rescue Group arrived a few minutes later. Though Gallagher felt fine, Emergency Medical Technicians Allen Licata, Frank Palmeri and Cyril Pinto convinced Gallagher to go see a doctor, said Lieutenant Chuck LaSalla. Deputy Chief Mike Carroll and LaSalla also responded to the call.

"The whole thing took about 45 minutes," Gallagher said. "Then I came back and finished my lunch."

LaSalla commended Deboer for using the Heimlich maneuver. "Time does count," he said. "Seconds count. I believe he probably saved his friend's life. It makes our job easier when people out there know what they're doing."

Deboer and Gallagher both learned the Heimlich maneuver while taking CPR classes at Brookhaven. If you are interested in attending a CPR course, call Mary Wood of the Health Promotion Program at Ext. 5923.

Gallagher was thankful that Deboer was there to help him.

"I was thankful to all the guys, actually, and the EMTs too," he concluded. — Andrea Widener

A Sign of Lower Gasoline Prices

"Upton" is the only word now appearing on the sign that stands over the service station on Rochester Street. This sign has replaced the former Getty sign to indicate that Upton Industries is now selling gasoline from an independent vendor. According to Upton Industries' Bill Widmer, this means that, while his customers will still be buying gas of the same quality, as of next week they'll be paying about eight cents per gallon less than if they bought it off site.

Book Fair Next Friday

A list of all of the books to be sold at the BERA Book Fair — and a display of some of them — can now be perused at the BERA Sales Office, weekdays, 9 a.m. to 1:30 p.m. The Book Fair will be held next Thursday and Friday, June 27 & 28, from 10 a.m. to 3 p.m. in Berkner Hall. For more information, call Andrea Dehler, Ext. 2247, or M. Kay Dellimore, Ext. 2873.

Added Addresses

- Assoc Univ in Brookhaven National Lab
- Brookhaven National Lab Psychics Dept 510A
- 17 National Light Upton, NY, 11973
- Mr Terry Brookhaven Brookhaven National Labor

Note to Employees:

Attendance at lectures, meetings and other special programs held during normal working hours is subject to supervisory concurrence.

In Memoriam

The following retirees passed away recently.

Thomas J. Blair, whose 25 years at BNL ended with his retirement on October 31, 1988, died on April 15 at the age of 71. He spent his first 13 years at the Lab in the then Mechanical Engineering Division, where he began on June 1, 1963, as a development engineer II. In 1976, he transferred to the Alternating Gradient Synchrotron (AGS) Department, where he was a project engineer II when he retired.

Frank G. Heimbarger, who retired on September 30, 1994, with 25 years of BNL service, died on May 15. He was 60 years old. He had started in the AGS Department on July 1, 1969, as a development engineer III. At the time of his retirement, he was a project engineer I at the AGS.

Julius B. Brooks, a carpenter in the Plant Engineering Division for 14 years, died on May 17, at the age of 71. He had started at the Lab on March 8, 1976, and retired on March 30, 1990.

Rosemarie Long, who retired from her career as a registered nurse in the Medical Department on February 28, 1985, died on May 21, at the age of 69. After joining BNL on June 8, 1970, Long performed her nursing duties, often on a part-time basis, for most of the next 15 years.

William H. Harold, who retired from the Medical Department on October 19, 1990, died on June 12. He was 73 years old. Harold had joined the Lab on September 15, 1975, as a medical associate I, and he was a senior medical associate at the time of his retirement. Harold is survived by his wife Charlotte, who has asked that donations in his memory be sent to the Renate Chasman Scholarship. Offered by Brookhaven Women in Science (BWIS), this award of \$2,000 is given each year to a woman who is returning to college to continue her education in the natural sciences, engineering or mathematics. Checks made out to Chasman Scholarship Fund-BWIS may be mailed to BWIS, PO Box 183, Upton NY 11973. Donations are tax deductible.

Survey for Visitors Without Transport

For students and other visitors who will be living on site without easy access to transportation over the four-day Fourth of July weekend, the Lab is considering offering a shuttle service between BNL and some local points of interest on one day during the Thursday, July 4, through Sunday, July 7, holiday.

The Office of Educational Programs (OEP) is surveying students and visitors to determine how many would be interested in such a service, what day they would prefer and where they would like the shuttle to go. Possible destinations are: Smith Point Park on the Atlantic Ocean, Splish Splash water park, Tanger Factory Outlet Center in Riverhead and the waterfront village of Port Jefferson.

To respond to the survey, call Ext. 4503 by the end of the day today, Friday, June 21.

50 YEARS AGO THIS WEEK

This series, which recounts the earliest days of Associated Universities, Inc. (AUI), and BNL, will run as appropriate throughout 1996 and 1997, the 50th anniversary years of AUI and BNL, respectively.

A number of significant events in AUI history occurred during the period between July 1 and July 10, 1946, so, due to space limitations and the upcoming Independence Day holiday, the Bulletin is running the following a week early.

• **July 1, 1946** — As an interim measure until a final contract can be approved by all parties, the Columbia War Contract with the Manhattan District, W-31-109-eng-15, is signed, allowing the Initiatory University Group (IUG) to go forward with its efforts to create a new research laboratory in the Northeast.

• **July 3, 1946** — The engineering firm of Stone & Webster submits its report to IUG evaluating the various sites under consideration. Fort Slocum, the Site Committee's preferred location, had been rejected earlier by the Manhattan District, so the report concentrated on two developed sites — Camp Upton on Long Island and Fort Hancock on Sandy Hook, New Jersey.

Because a Sandy Hook site would exist in the shadow of the larger Fort Hancock, which was to continue in operation, the report concludes that it "is not substantially different from selection of an undeveloped site."

Camp Upton, the report says, "affords a considerably different situation because the entire reservation is scheduled to become surplus and . . . vacated in the immediate future, which permits unrestricted selection of the laboratory area, and use of existing buildings and facilities."

The report continues, "Evaluation of the cost of development and construction of the proposed laboratory sites indicates a more favorable position for Camp Upton . . ." For the initial, or first-year program, the report projects costs of \$10,110,000 for Sandy Hook versus \$4,540,000 for Camp Upton. For the five-year program, the projection for Sandy Hook is \$18,340,000 and for Camp Upton, \$12,945,000.

In the 55th Brookhaven Lecture of March 30, 1966, Norman Ramsey said, "Initially Professor Wheeler Loomis [Chairman of the Physics Department at the University of Illinois] was selected as director [of the new laboratory], and he accepted the appointment — but a few weeks

later, in June, the new organization was plunged to despair by his resignation.

"The negative decision of the Manhattan District with regard to our preferred site and the resignation of our newly appointed director reached us almost simultaneously and marked the all-time low of the project," continued Ramsey. "For a period of several weeks I believe that only Marietta Kuper and I had any hopes that there ever would be a laboratory, and neither of us was very hopeful. The entire group felt that the project had lost its initial momentum and was approaching a desperate state such that if a positive development did not soon take place the entire project would be abandoned . . ."

And, although Stone & Webster recommended Camp Upton, when IUG's Planning Committee visited the site, Ramsey recalls, "it was rather appalled by the appearance," although it "was pleased by the size . . . and the existence of various facilities, such as the swimming pool, which one could never hope to build with Government funds." Further, "The housing in the immediate vicinity of the laboratory appeared sufficiently unattractive that there was a genuine worry that it would be impossible to attract a strong staff to the location."

But Ramsey saved the day: ". . . I recalled that my wife, as a girl, had spent a number of her summers in the village of Bellport and had always described those summers with pleasure. Consequently the Planning Committee drove to the village of Bellport to look at the housing there. Finally, on the town dock of Bellport we agreed that the Camp Upton site would probably be satisfactory. . . . George Kistiakowsky summarized the views of those present when he said that we could agree to this site on the basis of 'equalization of disappointment.' With this major decision made, the doldrums of the project were over." (To be continued on June 28.)

Computing Corner

The Computing & Communications Division (CCD) is offering the following:

Netscape & Eudora

On Tuesday, June 25, in the CCD Seminar Room, Bldg. 515, CCD's Personal Computer Resource Center will demonstrate Netscape software for accessing the World Wide Web, from 9 to 10 a.m., and Eudora e-mail software, 10:30 to 11:30 a.m. For more information, contact Donna Rodriguez, Ext. 7261, or Bob Barone, Ext. 2368.

MIX Meeting

The next Monthly Information eXchange (MIX) Meeting with CCD will be held at 11 a.m. on Wednesday, June 26, in Room B, Berkner Hall. The topics of discussion will include: CCD's software and documentation stores, hardware services, and Win Center technology, which delivers Windows applications to UNIX environments.

Computer Training

Training in how to use Windows 95 is now being offered, with the first class scheduled for July 29. Upcoming computer training classes include:

July 19	beginning Word
July 23	beginning Lotus 1-2-3
July 25	Macintosh System 7
July 25	beginning EXCEL
July 26	intermediate EXCEL
July 29	Windows 95
July 30	beginning ACCESS
& Aug. 1	(two-day class)
Aug. 2	intermediate Harvard Graphics for Windows

The fee for each class is \$150 per day. Classes run from 8:45 a.m. to 4 p.m. PC training is held in the PC Training Room, Bldg. 515; Macintosh classes are held in the Mac Training Room, Bldg. 475. To register, contact your department or division training coordinator by Friday, June 28. For more information, call Pam Mansfield, Ext. 7286.

BROOKHAVEN BULLETIN

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The Brookhaven Bulletin is printed on paper containing at least 50 percent recycled materials, with 10 percent post-consumer waste. It can be recycled.



Indian Dancers To Perform Sunday

Tickets are still available to enjoy world-class dancer Satya Narayan Charka and his troupe in Berkner Hall on Sunday, June 23, at 3 p.m. The performance, which will feature 2,000-year-old Kathak dance developed in northern India and cultivated through a rich mixture of Hindu and Muslim influences, is sponsored by the BERA Indo-American Association.

Buy tickets — \$8 for adults, \$4 for children ages 5-18, and no charge for children under 5 years old — at the BERA Sales Office today, from 9 a.m. to 1:30 p.m.; or from Anand Saxena, Ext. 4844; Piyush Joshi, Ext. 3847; or Animesh Jain, Ext. 7329; or at the door on Sunday.

Two discounts are offered: With the purchase of two adult tickets, children's tickets are \$1 each. Block purchases of five or more adult tickets will be discounted by 10 percent.

IBEW Meeting

Local 2230, IBEW, will hold its regular monthly meeting on Monday, June 24, at 6 p.m., in the Knights of Columbus Hall, Railroad Avenue, Patchogue. The agenda includes regular business, committee reports and the president's report. There will be a meeting for shift workers at 3 p.m. at the union office.

Arrivals & Departures

Arrivals

Anna M. Bou.....Envir. Restoration

Departures

This list includes all employees who have terminated from the Lab, including retirees:

Kiley J. Reynolds.....Biology

Pool Schedule

The three-month summer schedule at the swimming pool will begin on Monday, July 1, and end on Monday, September 30. Purchase tickets at the pool during open hours.

Open Hours*

• Monday through Friday

11 a.m. - 1:30 p.m. employees only
1:30 p.m. - 2 p.m. speed swimming & training
2:15 p.m. - 3:15 p.m. children's lessons
3:45 p.m. - 8:30 p.m. employees, families & guests**

• Saturday & Sunday

1 p.m. - 5 p.m. employees, families & guests**

Fee Schedule

• Daily Admissions

employee or family member \$2.00
guest \$3.00

• Season Tickets (fees not prorated)

Individual \$40.00
Family \$50.00

***The pool is closed on all Lab holidays.**

****Guest ruling:** All guests must be accompanied by the sponsoring employee. One guest per employee is permitted without prior arrangement. Advance arrangements for additional guests, up to five per employee at one time, must be made at the Recreation Office, Personnel Division, Bldg. 185.

Softball

Standings as of June 14

League E1		League E3	
System	5-1	Mesocyclones	3-2
Phoubars	4-2	Pick-Up Sticks	3-2
Magnets	4-2	Bombers	2-3
Ice Men	4-2	Medical	2-3
Blue Jays	3-3	League M1	
Titans	1-5	Gour-Mets	5-1
Cleen Sweep	0-6	Stingrays	5-1
League E2		Snake Bites	4-2
LightsOut	6-1	Good Timers	3-3
Hammerheads	5-2	Parke Avenue	1-5
Contaminators	5-2	OER Wellheads	0-6
Hy Tech	4-3	League M2	
CCD	4-3	Varmints	2-0
Scram	3-3	Skeleton Crew	2-0
Phase Out	3-4	No Names	1-1
Feds	2-5	Monday Nite Live	0-2
Phytinphytos	2-5	What's on 2nd	0-2
Sure Fire	0-6	Stray Cats	0-2

Note: The address for the World Wide Web page of the BNL Softball League is <http://pubweb.bnl.gov/~l2ball/>

Atlantic City Trip

The revised departure time is 10 a.m. for the bus leaving from the Brookhaven Center on Saturday, July 13, bound for Bally's Hotel-Casino on the Boardwalk in Atlantic City for the next BERA-sponsored trip.

A few seats remain, so buy tickets now at the BERA Sales Office, weekdays, 9 a.m. to 1:30 p.m. The initial cost is \$22, but the hotel-casino will give a \$5 coin return.

For more information, call Andrea Dehler, Ext. 3347, or M. Kay Dellimore, Ext. 2873.

Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position. Consideration is given to candidates 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, handicap or veteran status.

Each week, the Human Resources Division lists new placement notices. The purpose of these listings is, first, to give employees an opportunity to request consideration for themselves through Human Resources, and second, for general recruiting under 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, or call the JOBLINE, Ext. 7744 (344-7744), for a complete listing of all openings.

Current job openings can also be accessed via the BNL Home Page on the World Wide Web. Outside users should open "http://www.bnl.gov/bnl.html", then select "Scientific Personnel Office" for scientific staff openings or "Employment Opportunities" or "BNL Human Resources Division" for all other vacancies.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees;

DD 3636. SECRETARIAL POSITION - Requires an AAS degree in secretarial science or equivalent, excellent secretarial and communication skills, comprehensive knowledge of Laboratory and office procedures, proficiency in WP WIN 6.1 and the ability to work within tight time schedules on parallel projects. Familiarity with tables and equations is necessary; a working knowledge of a spreadsheet program such as EXCEL is desirable. Will prepare complex scientific/technical reports, and perform secretarial and office-management tasks, including travel arrangements and vouchers, filing, etc., for the Risk & Reliability Group of the Engineering Technology Division. Department of Advanced Technology.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

NS 3922. COMPUTING/ANALYST POSITION - Requires a master's degree or equivalent in computer science or other technical field, and several years' experience programming and administering UNIX systems. Experience in UNIX system administration, C, Shell programming, x-terminals, computer security and networking necessary; experience with databases, WWW installation or C++ useful. Responsibilities will include maintaining a network of HP workstations, x-terminals and PCs, installing software and assisting the staff with computer issues. (reposting) National Synchrotron Light Source Department.