

First Anniversary of BSA

BNL Director John Marburger Addresses the 'State of the Lab'

To mark the first anniversary on March 1 of BSA's becoming BNL's management and operations contractor for DOE, Laboratory Director John Marburger delivered a "state of the Laboratory" address to a filled Berkner Hall on Monday, March 8.

In his speech, the Director focused on three themes: first, BNL's improved interactions with the local community; second, the continued development of a "system of assurance" and other management systems; and, third, the successes of the people who do the work of the Laboratory.

As a result of his "year of immersion in the Brookhaven experience," Marburger found, "The state of the Lab is the state of the Lab's people and where we are in relation to the communities that we serve."

Caring About the Community

In describing how the Lab's community relations have evolved over the past year, Marburger pointed to the recent *Newsday* series on BNL because it has "put a human face on the Lab."

The importance of that human face was noted in the community survey conducted last fall, which had shown that the Lab's neighbors learn best about the Lab from its employees, and that employees' personal accounts have more credibility than other sources.

The Lab has worked hard in the last year, Marburger said, "to multiply our personal contacts with people and groups outside BNL."

This has been accomplished through, among other means (see sidebar, page 2), the employees enrolled in the envoy program of the Community Relations Office, as well as its tour program, which has experienced a rise in visitor attendance since last year, especially among families who hope to develop their children's interest in science.

"The community needs to see BNL employees as approachable, responsible and responsive to their concerns," Marburger said, including employees who direct and manage programs and projects. For instance, the Director said, "Mike Schlender speaks to environmental issues, Mike Bebon speaks to facilities issues, Satoshi Ozaki greets RHIC tours, and Tom Ludlum explains RHIC science to community leaders."

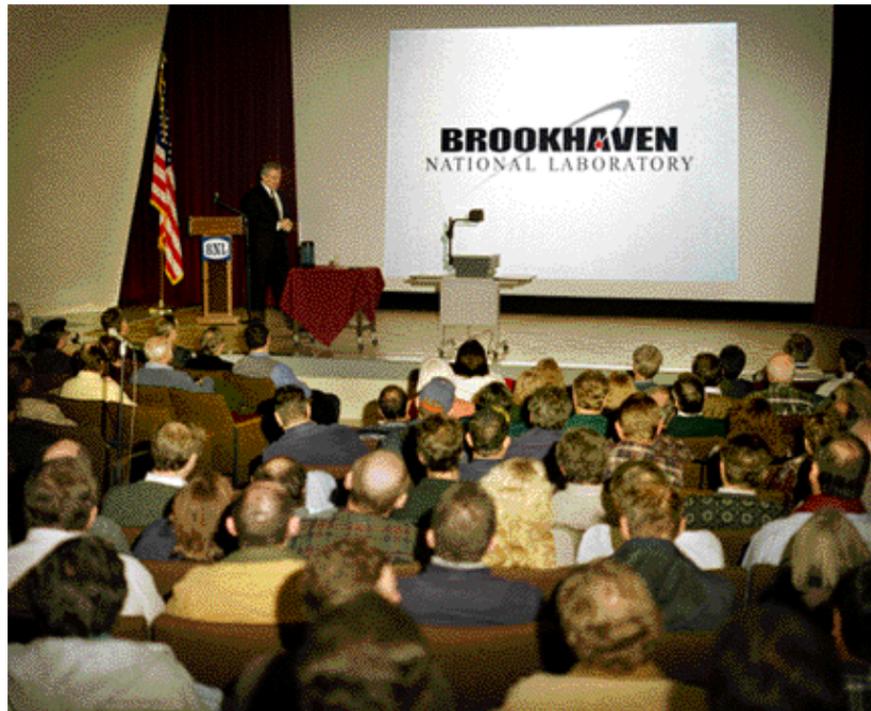
Marburger also spoke of the Lab's now regular interactions with other organizations through the Community Advisory Council, the Brookhaven Executive Roundtable, and the Suffolk County Task Force.

After listing means by which BNL has reached out to the community, Marburger added, "If we do our jobs well and maintain open communication with our neighbors, and take their concerns seriously into account as we plan and do our work, then we can count on their respect and appreciation."

Assuring the Community

Marburger defined "doing our jobs well" as not only working safely, but also, assuring the community that work will be done safely now and at all times in the future.

To achieve this, Marburger described a "system of assurance" which calls first for written work procedures, then for work to be done according to these procedures, and, finally, for checks to make sure the procedures are used.



Roger Stoutenburg

Such a system of assurance, said the Director, is designed to satisfy the public, as well as the Lab's sponsors and regulators. "Until every employee understands and internalizes this idea of the system of assurance, the Laboratory is at risk of fines, suspension of work, and public outrage," he said.

Establishing the system of assurance "may sound like a lot of red tape," Marburger continued. "However, it is the only way anyone knows to give assurance before the work is done that it will be done safely."

The whole process is part of 'Integrated Safety Management' [ISM]," he continued, "and we are required to

do it if we want to work with the hazardous equipment and materials we need for our scientific mission."

Marburger explained that, in line with other DOE facilities, the Lab is applying the concepts of ISM to its other management systems (see sidebar, page 2).

Another important reassurance for the community, Marburger said, is the acceleration of the Lab's Superfund cleanup. He thanked Michael Schlender, Assistant Laboratory Director for Environmental Management, and his staff for the tremendous progress made to date (see sidebar, page 2).

Regarding future cleanup projects,

Marburger announced the beginning of decontamination and decommissioning the Brookhaven Graphite Research Reactor, and the development of a system for minimizing the Lab's wastestream, "so that today's waste never becomes a legacy."

The Lab's People

Marburger had opened his talk by asking his audience to honor the memory of nine BNL employees and guests who had died during the past year. The final third of his talk highlighted the Lab's people and their accomplishments.

After reviewing management changes and arrivals and departures over the past year (see sidebar, page 2), the Director spoke of employees' involvement in the four focus groups that were organized in response to the recent employee survey. While the groups' final recommendations are pending, Marburger announced that he has already taken some actions suggested to him by the groups, such as the new Monday Memo e-mail newsletter.

One of the purposes of the Monday Memo, Marburger explained, is to dispel rumors. One rumor he discussed, to applause from the audience, pertained to Lab benefits: He stated that no significant changes in benefits were planned, although ways to reduce the cost of benefits were always being investigated.

This fiscal year's budget is tight, the Director reported, but it should suffice as a result of the one-time salary-increase deferral for some employees. Regarding the Lab's budget for the next fiscal year, Marburger told those gathered that he had no solid information yet.

As he explained, the shift from RHIC construction to RHIC operations funding is expected, together with a major reduction in the high-energy physics budget. To review how support services are being paid for at the Lab, Marburger announced the existence of a Lab budget-policy advisory committee, chaired by Thomas Kirk, Associate Director for High Energy & Nuclear Physics.

Marburger spoke of some of the "real work" being done at the Lab (see sidebar, left), such as addiction research, RHIC, and the scientific computing made possible by the BNL-built RIKEN BNL supercomputer. He also discussed the five Laboratory initiatives being developed with Lab-directed R&D funds: data-intensive computing, the human proteome project, the deep ultraviolet free electron laser, the environmental carbon observatory project, and the muon collider.

After reviewing the research of the future, Marburger congratulated two outstanding BNL scientists, Maurice Goldhaber, BNL Distinguished Scientist and former Lab Director, who won DOE's highest honor, the Enrico Fermi Award; and Joanna Fowler, Chemistry Department, who was honored with DOE's E.O. Lawrence Award.

"Society has given us the tools to forge new knowledge and looks to us to set standards of achievement for the nation," Marburger concluded. "I am deeply impressed with how often the people of this Laboratory have risen to these expectations, and I am confident that we will continue to do so in the future."

Some Scientific Achievements At BNL Since March 1, 1998

- Publication regarding a promising new treatment for drug addiction, using a European epilepsy drug known as GVG.
- Completion and installation of the 1,740 superconducting magnets for the Relativistic Heavy Ion Collider (RHIC), to be commissioned this year.
- Success of the first simulated-data test at the RHIC computing facility.
- Progress on the continuing construction of RHIC's four experiments.
- First data taken by the muon g-2 experiment at the Alternating Gradient Synchrotron.
- Beginning of new clinical trials of two promising cancer therapies developed at BNL: boron neutron capture therapy for brain tumors, and tin-117m DTPA for bone cancer.
- Dedication of new facilities, including: the 0.6-teraflop RIKEN BNL supercomputer, winner of the Gordon Bell price-performance prize; the LEAF radiation chemistry facility; a 300-kilovolt electron microscope for materials science studies; the Center for International Security Studies; and upgraded laboratories to support brain-imaging research using positron emission tomography.
- Awarding of 17 patents for BNL technologies.
- Initiation of nine Cooperative Research & Development Agreements (CRADAs) with industrial partners.
- Launching in Long Island's waters of brown-tide monitoring buoys designed and built by BNL, which provide data to researchers worldwide via the Internet.
- Continued work on the superconductivity phenomenon of "charge stripes" and first evidence of an unusually broad energy scale in cuprates as they made the transition to superconduction.
- Discoveries on the brain's response to cocaine, Ritalin and aging.
- Further development of soil-cleaning technologies involving citric acid and bacteria, and of a novel way to treat mercury mixed waste.
- Joint publication of a new way to pinpoint leaks with PFT tracers.
- Obtaining of an NIH grant for new structural biology facility at BNL's National Synchrotron Light Source.
- First image of the AIDS virus as it latches onto its target cell.
- Development of a lithium-niobium oxide crystal detector for use in particle accelerators and fiber optics.

(continued on page 2)

Science Success (cont'd)

- Continued work with former Soviet countries to protect nuclear material.
- Studies of hyperons made using kaon beams at the Alternating Gradient Synchrotron.
- FM laser spectroscopy to analyze reactions occurring when a fuel burns.
- First "morphing" of a plant enzyme's function by genetic manipulation.
- Joint work with EPA to test technologies for treating and reusing dredged sediment from New York harbor.
- Studies of ozone air pollution in Phoenix, Arizona.
- Report that sunscreens that prevent sunburn may not prevent the skin cancer melanoma.
- Participation in an international experiment that found neutrinos have mass.
- Production of the first images of proteins, lipids & DNA in cells using infrared microspectrometry.
- Contributions to a major report on technologies to reduce CO₂.
- Studies examining the effects of sulfur on the properties of metal and oxide catalysts.
- Imaging changes in bone using synchrotron infrared microspectrometry as a possible tool for diagnosing osteoporosis.
- Development of ways to remove contaminants from crude oil using bacteria & catalysts.
- Successful animal trials of microbeam radiation therapy, as a possible treatment for brain tumors in children.
- Continued use of BNL's radioisotope facility to produce nuclear medicine agents vital for the practice of nuclear medicine in the U.S.

Management Since March 1, 1998

- Published the Institutional Plan for 1999 to 2003, containing many new initiatives for future scientific activities, environmental protection, and community involvement.
- Began implementing a standards-based management system, a Lab-wide, Internet-based set of policies, standards, procedures, and guidelines.
- Roles, responsibilities, accountabilities and authorities (R2A2s) job descriptions for all employees completed on schedule.
- Conducted employee survey and community survey, and formed employee focus groups to address employee concerns.
- Established Community Advisory Council to interact with a broad range of community groups and members.
- Achieved Year 2000 compliance for DOE mission-critical computer systems ahead of deadline; working to make remaining systems compliant by March 31.

Environment Since March 1, 1998

- Under Superfund program, began construction of BNL's first off-site groundwater treatment system, removed two underground tanks, and remediated issues found during an exhaustive facilities review of the Lab site.
- Completed first phase of Superfund investigation of the Peconic River, and addressed community concerns by planning additional sampling based on input from Lab neighbors.
- Published Superfund studies on contaminated groundwater and soils, and proposed remediation options for on- and off-site groundwater contamination.
- Secured funding for accelerated



BROOKHAVEN NATIONAL LABORATORY

A New Look for Brookhaven

On Monday, Laboratory Director John Marburger unveiled a new logo for Brookhaven National Laboratory. Shown here, the new logo has prompted a positive response, as well as a few questions:

Q: Why did Brookhaven need a new logo?

A: Brookhaven is a world-renowned research center, so BSA recognized the need for a "graphic identity" that would send that message in all of the Laboratory's communications. The logo is the centerpiece of that new graphic identity, which will result in a new look for everything from business cards, stationery and forms, to the Lab's signs, Web site and the Brookhaven Bulletin.

Q: Who designed the new logo?

A: The graphic identity was developed by the Deffenbaugh Agency of New York City, a firm that specializes in advertising and design services.

Q: What does the logo represent?

A: While the logo suggests many things, Marburger offered this interpretation: "To me, for example, the logo suggests that Brookhaven is moving forward, doing science with impact and thriving on a solid foundation."

Q: Who chose the new logo?

A: BNLers from throughout the Laboratory were involved in the processes to select both the design firm and the logo. These individuals included liaisons from each department and division, as well as members of Brookhaven's directorate. After the Deffenbaugh Agency provided several concepts from which to choose, the idea for the logo was selected and developed.

Q: Who paid for the new logo, and what did it cost?

A: The new logo and the rest of the graphic-identity project are being paid for by BSA, with no effect on programmatic funds. The final cost of the graphic-identity project will be about \$100,000, of which \$18,000 was spent on logo development.

Q: How do I get new business cards with the new logo on it?

A: Now that the logo design has been finalized, the Division of Contracts & Procurement is providing business-card suppliers with the templates that they need to produce cards. As soon as vendors are ready to take orders, the Lab community will be notified.

Q: When will stationery with the new logo be available?

A: The new stationery should be available by the end of the month.

Q: How can I get a copy of the logo to use on a poster, a report cover, etc.?

A: The Graphic Design Group in the Information Services Division has been supplied with the logo. You can also download the design from the Web, at <http://www.bnl.gov/bnlweb/newlogo.html>.

Q: Can I download the design to create my own stationery for the time being?

A: Please don't! As Anita Cohen, Media & Communications Office, who is coordinating this phase of the logo development, explains, "The official stationery design relies on specifications and fonts that should always be used consistently to produce the graphic identity that Brookhaven has selected. Please be patient — and help the Lab launch its new image in the best possible way."

Q: I see other employees wearing pin buttons with the new logo. How can I get one?

A: Buttons are available in the lobby of Public Affairs, Bldg. 134, while supplies last. One per employee, please!

Q: Whom do I contact if I have any questions about the new logo?

A: Contact Anita Cohen, Ext. 5054, or acohen@bnl.gov.

Community Involvement Achievements At BNL Since March 1, 1998

- More than 730 people visited the Relativistic Heavy Ion Collider on a February 20th community tour, and hundreds more took part in employee and Summer Sunday tours.
- BNLers donated \$109,100 to the United Way; gave 1,150 pints of blood; helped build houses through Habitat for Humanity; raised money for the Channel 21 public television station WLIW; and contributed 26,281 pounds of food to the INTERFACE network, bringing the ten-year total to over a quarter million pounds.
- Nearly 11,000 children and teachers have visited the BNL Science Museum since September.
- Summer Sunday tours of BNL facilities attracted 3,300 visitors; the first Environmental Fair brought 3,600 visitors to BNL to learn about environmental science, management and cleanup.
- Educational programs brought students and teachers to BNL for learning experiences, including: 31 Community Summer Science students, 30 minority high school students in the Summer Apprenticeship Program, 98 college ERULF interns, 26 community college students, and 62 teachers in the Elementary School Math, Science & Technology Initiative.
- Annual science contests involved hundreds of students from kindergarten to high school: science fair - 690 students; Maglev contest - 250 students; model bridge contest - 250 students.
- BNL purchased \$28 million in goods and services from Long Island companies in FY 1998.
- Construction began on a new home for the Camp Upton Collection, which will be opened for public tours later this year.

cleanup of the site, including the Brookhaven Graphite Research Reactor.

- Began adopting internationally recognized ISO 14001 standards for environmental management.
- Involved community and employees in environmental remediation through calls, letters, door-to-door

canvassing, focus groups, poster sessions, and workshops.

- Began recycling program with Brookhaven Town, and continued progress in increasing recycling and reducing waste and emissions.
- Hosted Pine Barrens research conference and Peconic River & Bay workshop.

BNL Personnel, Org. Chart Changes Since 3/1/98

- George Malosh became the on-site DOE Brookhaven Group Manager; and Dean Helms returned to Jefferson Lab after serving as Manager.
- Dick Setlow returned to research after serving as Associate Laboratory Director for Life Sciences; Medical Department Chair Nora Volkow named new Associate Laboratory Director for Life Sciences.
- Peter Bond stationed for one year at the White House Office of Science & Technology Policy (OSTP), as a senior policy analyst in OSTP's Science Division.
- Hank Grahn retired as Assistant Laboratory Director for Finance & Administration; Greg Ogeka served as interim; Brian Sack hired as new Assistant Director.
- Adrian Roberts announced his retirement as Associate Laboratory Director for Applied Science & Technology; Department of Advanced Technology Chair Bob Bari named interim.
- William Studier announced his stepping down from the Chair of the Biology Department, to return to research; Carl Anderson named as new Biology Chair.
- Department of Advanced Technology was reorganized.
- Larry McLerran announced as new leader of the Nuclear Theory Group within the Physics Department.
- Leo DeBobes announces his return to the State University of New York at Stony Brook after heading the Environment, Safety & Health (ES&H) Services Division, which, under his leadership, was divided into three: the Environmental Services Division, which Bet Flores was hired to manage; the Radiological Control Division, which Stephen Layendecker came to the Lab to head; and the Health & Safety Services Division; new ES&H/Q Administrative Group formed, headed by Bruce Penn.
- John Meersman joined the Lab to manage the Environmental Restoration Division.
- Computing & Communications Division became Information Technology Division (ITD); Ted Daniels returned to his field after managing that division; Don Fleming hired as new ITD manager and the Lab's Chief Information Officer.
- Lance Warren named interim Manager of Administrative Support Division.
- Robert McNair named head of Independent Oversight Office.
- BNL community mourns loss of: Joseph Barba, Klaus Kinder-Geiger, Gertrude Goldhaber, Marie Hicks, Andy Hull, Young Park, Thomas Savage, Per Spanne, John Tokar, and Alfred Wolf, as well as a number of retirees.

Computer Corner

The Information Technology Division (ITD) offers the following software classes. To register, contact Pam Mansfield, Ext. 7286, Bldg. 515, or pam1@bnl.gov. For other course offerings, go to www.ccd.bnl.gov/bnl/training/ on the World Wide Web.

Microsoft Front Page

A class for beginners on the Web-page creation software Microsoft Front Page will take place on March 19 & 23. The cost is \$193 per person.

LabVIEW

Introductory and advanced classes in LabVIEW will be offered from 8:45 a.m. to 4:30 p.m. on April 12-16, in the Human Resources training room, Bldg. 459. To register, send an ILR for \$1,650 per person by March 19.

Lecture Notices

Pegram Lecture Tonight

Tonight, at 5 p.m. in Berkner Hall, Pegram lecturer Graciela Chichilnisky, Columbia University, will discuss "Economic Returns From the Biosphere," as the first of three lectures on "Biosphere and Society."

Also in Berkner Hall at 5 p.m., on Monday, March 15, Chichilnisky will continue the series with "The Kyoto Protocol and the Carbon Cycle," and, on Wednesday, March 17, she will conclude with "Resilience and the Knowledge Revolution." All are welcome.

344th Brookhaven Lecture

Associate Physicist Ralf Prigl, Alternating Gradient Synchrotron Department, will deliver the 344th Brookhaven Lecture, "Probing the Nature of Force: The Muon g-2 Experiment at the AGS," on Wednesday, March 24, at 4 p.m., in Berkner Hall. All are welcome.

Concert Playbill

The following concerts will be presented in Berkner Hall

Swinging Moose on St. Pat's

In honor of St. Patrick's Day, Wednesday, March 17, the BSA Cultural Program will present a free concert by the Swinging Moose, a traditional-music band composed of BNL employees Elaine DiMasi, Jeff Landgraf, Sean McCorkle, Konstantin Olchanski, and Artie Scholtz.

Their program from noon to 12:45 p.m. that day will feature traditional Irish dance music.

Piano Concert on March 25

A concert featuring pianist Du Huang will be offered on Thursday, March 25, beginning at 8 p.m.

A member of the Contemporary Chamber Players and a music doctoral student at the State University of New York at Stony Brook, Huang will play works by Bach, Chopin, Debussy, and Schumann. The concert is free, but donations will be accepted to help fund future concerts.

Softball Captains Meet

All captains of teams in the BERA Softball League are called to a meeting on Wednesday, March 17, at noon in Room B, Berkner Hall. There, the balance of team dues will be collected, and a league structure will be determined so games can be scheduled. For more information, contact Laurie Pearl, Ext. 5520, or pearl@bnl.gov.

BNL Gospel Choir

On Saturday, March 27, at 5 p.m., the BNL Gospel Choir will present a missionary program at the First Baptist Church, Main Road, Cutchogue. All are welcome at this free program.

For information on joining the choir, call Frances Ligon, Ext. 3709, or Sydel Lamb, Ext. 3389.

March Is Women's History Month Women's History Month Events

Monday, March 15, at noon: Bernadette Castro (right), Commissioner of New York State Office of Parks, Recreation & Historic Preservation, will discuss her life and career in a Berkner Hall talk entitled "How Women Can Make a Difference." Castro, whose parents founded the Castro Convertible furniture empire of which she became a longtime business executive, moved into politics in 1994.

Appointed by Governor George Pataki to her present position, she heads an agency with an annual budget in excess of \$100 million, and 1,600 full-time and 6,000 part-time staff to handle 152 state parks, 35 historic sites and 15 heritage areas — among them Jones Beach and Montauk — which attract 65 million visitors annually. Castro has found ways to expand the park system through public-private partnerships.



Monday and Thursday, March 22 & 24, at noon: Valentina Solomita, Vice President & Senior Financial Consultant, Merrill Lynch, will present "Optimizing Wealth for Women," a two-part investment seminar in Berkner Hall.

Tuesday, March 23, at noon: At the invitation of Brookhaven Women in Science, Shirley Strum Kenny, President, State University of New York at Stony Brook and Chair, Brookhaven Science Associates, will address BNL employees at noon in Room B, Berkner Hall. After the seminar, Kenny will lunch and talk informally with attendees. To order sandwiches, salad, cookies and coffee at \$8.50 per person, call Vinita Ghosh, Ext. 3527, by Wednesday, March 17.

Throughout March: "A Portrait Gallery of Great American Women" presented by the National Women's Hall of Fame, will be on display in Berkner Hall lobby. Also, weekly drawings will be held for the book *And Then She Said*, a compilation by J. D. Zahniser of memorable quotes from women worldwide. Free raffle tickets are available in the Berkner lobby.

Holi Celebration

The BERA Indo-American Association invites all to celebrate Holi, the Indian festival of color, on Saturday, March 13.

The event begins at 5 p.m. with a pizza dinner in the Recreation Bldg. in the apartment area. Then, at 7 p.m., a cultural program performed by local talent will be offered in Berkner Hall.

The cost is \$10 per family or \$2.50 for individuals. For more information

or to make reservations, contact: Geeta Joshi-Topé, Ext. 5702; Kumi Pandya, Ext. 7734; Dhruva Ghimiray, Ext. 3849; or Achyut Tope, Ext. 5672.

Arrivals & Departures

Arrivals

Louis E. Briones Fin. Serv.
Kimberly N. Pellechi Biology
Departures
Dimitrios M. Cokinos Adv. Tech.
Hubert K. Zajonz Physics

In Memoriam: Young Park, DAT

Young Park, a civil engineer in the Department of Advanced Technology (DAT), died suddenly in early February of a ruptured cerebral aneurysm. He was 48.

Born in Miyagi, Japan, of Korean parents, Park earned his B.S. in architecture from Waseda University in 1973, and his 1975 master of engineering and 1978 Ph.D. in structural engineering from the University of Tokyo.

After two years as a lecturer at Shibura Institute of Technology, Tokyo, he moved in 1981 to the U.S., to the University of Illinois, where he received his second Ph.D., in civil engineering in 1984.

He then became a visiting professor at the State University of New York at Buffalo, 1985-87, and he joined BNL in 1989 as an associate civil engineer. Promoted to Civil Engineer in 1989, he was given a continuing appointment in 1991.

At BNL, Park became a key member of DAT's seismic and structural research and technical assistance programs for DOE and the Nuclear Regulatory Commission (NRC). His extensive experience in earthquake engineering, structural mechanics, and structural probabilistic and reliability analysis made him an interna-

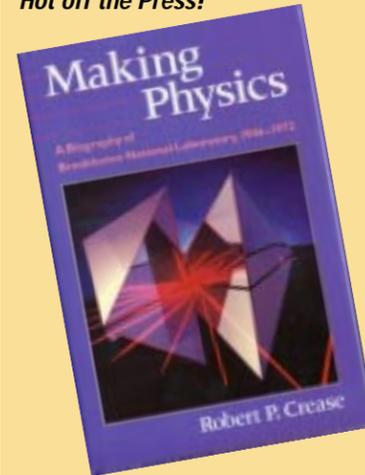
tionally known expert in his field.

Said Park's colleague Charles Hofmayer, DAT, "When it came to performing nonlinear dynamic analysis or seismic probabilistic risk analysis, there was no one on the staff to surpass his talents. His education and experience in Japan was instrumental in ensuring the success of many collaborative efforts in the area of seismic engineering between the U.S., NRC, BNL and MITI/NUPEC in Japan. He was unique and is sorely missed not only by his coworkers at BNL, but also by his many technical associates throughout the world. We have indeed lost a quiet giant in this field."

His recent activities included the nonlinear dynamic analysis of reinforced-concrete shear-wall structures under seismic loadings, analyses of piping systems with energy-absorbing devices, and participation in an information-exchange program on seismic probabilistic safety assessment.

Park developed a large nonlinear finite element code with unique capabilities to predict how various structures and components would respond to earthquake conditions. He was a member of the NRC and DOE team that investigated damage in the 1995 Kobe earthquake.

Hot off the Press!



Making Physics

A Biography of
Brookhaven National Laboratory,
1946-1972
by BNL Historian
Robert Crease

Book Signing

in Berkner Hall
5 p.m., Thursday, March 18
(wine & cheese reception)
noon, Friday, March 19

A 40-percent discount is offered only on books purchased at signing!

For more information, call Ext. 2345.

Basketball

Scores from games on March 4

Wizards 77		Bulldogs 54	
Al Boerner	20	Paul Hawthorne	24
Charlie Edwards	20	Troy Mayo	15
Reggie Sanchez	15	Louis Lalor	6
Santos Ortiz	9	Tim Powers	5
Rob Singleton	9	Mike Mallardi	2
Jim Rank	5	Pete Ratzke	2
Fred Maier	3		

Three-point shots: Hawthorne (2), Mayo (2), Sanchez (2), Boerner (2), Maier, Ortiz, Powers, Rank.

Knicks 74		Bombers 69	
Lee Walcott	18	Mitch Williams	16
Shane Stadler	13	Jerry Gaeta	15
Rice Onare	11	Tracy Fountaine	14
Jim Garrison	9	Donald Davis	13
Pat Hawkins	8	Brian Hobson	7
Steve Springston	7	Pat Moylan	4
Todd Clatterbuck	4		
Chris Fockenbergl	4		

Three-point shots: Gaeta (4), Walcott (4), Williams (4), Davis, Garrison, Hobson, Onare.



Young Park

Park had numerous publications in scientific and engineering journals, and he participated in many international conferences. He was a member of the American Society of Civil Engineers, the Earthquake Engineering Research Institute, and the Architectural Institute of Japan.

Park's technical associates sent condolences from around the world, including from the NRC and Japan, demonstrating that he had indeed, as one message stated, "really constructed heartfelt bridges among Korea, USA and Japan."

A resident of Setauket, Park is survived by his wife Keiko and sons Joun and Michael; and, in Japan, by his mother, Tonamjoo Jeon; his sisters, Sunja Park and Canja Park; and a brother, Yung Jo Park.

BROOKHAVEN BULLETIN

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Volunteers Needed

The Lab will this year again be offering a "Take Our Daughters to Work" Day, on Thursday, April 22. To help make the day memorable for BNLe's daughters, volunteers with fresh ideas are needed for an organizing committee. To join, contact the event's coordinator, Susan Foster, Human Resources Division, at Ext. 2888 or e-mail foster2@bnl.gov.

Tread Safely

The Safety Shoe Office located in Bldg. T-88 will be closed on Thursday, March 18, and Monday, March 22.



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 complete 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>.

LAB RECRUITMENT - Opportunities for Laboratory employees.

DD8100. SECRETARIAL POSITION - (term appointment) Requires an AAS degree in secretarial science or equivalent experience, good interpersonal skills, knowledge of Lab policies and procedures, and proficiency with Microsoft Word. Must have experience with IPAP, JCARS and Web requisitions (PeopleSoft), Outlook, BNL travel system, PowerPoint, and MS Project. Must be able to handle frequently changing priorities. Duties will include filing, answering telephones, sorting mail, ordering stationery supplies, and providing clerical support to OPMP staff. Office of Project Management & Planning Support.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

MK8259. POSTDOCTORAL RESEARCH ASSOCIATE - to work in the Center for Data Intensive Computing, which is pursuing a research program to provide the intellectual leadership for the Lab's computational needs, and which will be affiliated with the Department of Computer Science and the Department of Applied Mathematics & Statistics at the State University of New York at Stony Brook. Areas of interest include data-mining, visualization, parallel and distributed computing, networking, modeling and simulation. Requires a Ph.D. in physics, chemistry, biology, computer science, or related discipline. Under the direction of J. Davenport, Department of Applied Science.

MK7017. DEPUTY ASSISTANT LABORATORY DIRECTOR FOR FINANCE & ADMINISTRATION - Requires a master's degree in business, finance or related field, and significant management experience, i.e., a minimum of 10 years of experience in all aspects of business and/or financial operations in an R&D environment, with at least five years at the Lab or a similar research & development facility. Also requires very strong interpersonal and excellent oral and written communication skills, an in-depth knowledge of DOE contracting and administrative/business processes, and an exceptionally thorough knowledge of Lab procedures, practices and organization. Will assist in providing leadership and oversight for the Lab's financial and administrative services/affairs, which will include line responsibility for the Financial Services, Administrative Support, Information Services, and Contracts & Procurement Divisions and the Budget Office. Will have oversight and contract administration for the DOE Prime Contract, coordinate essential business information flow, and develop and implement key Directorate procedures and initiatives. Director's Office.

DD8131. BUDGET POSITION - Requires a bachelor's

Mountain Slide Show

At 4 p.m. on Saturday, March 20, in Berkner Hall, the BERA Mountain & Canoe Club will offer an entertaining, one-hour slide show presented by Douglas Zimmerman about his 1998 mountaineering expedition to the Yukon Territory Alaska boundary peaks.

The expedition, which resulted in the first recorded ascent of South Kennedy mountain, was made by Zimmerman and two companions. All are welcome. For more information, contact Bet Flores, Ext. 4225, e-mail flores@bnl.gov.

Defensive Driving

The training group of the Safety & Health Services Division will offer a six-hour defensive driving course on Saturday, April 10, 9 a.m.-3:30 p.m., in Berkner Hall, Rooms B & C.

The course will be taught by a Metropolitan Life instructor and costs \$23 per person.

Completing the course entitles participants to a 10-percent discount on vehicle collision and liability insurance for three years, and to have up to four points deducted from their driving records if they were incurred during the 18 months before the completed course.

To register, call Scott Zambelli, 249-3000, Ext. 5877 (not the on-site Ext. 5877).

BERA Golf '99

The BERA Golf Association (BGA) is now accepting applications from teams for 1999 league play. Two-person teams will compete in a match-play format. Each team will play 14 matches, starting during the week of April 19th. All are welcome to join.

The first BGA outing of the year will be held on May 14th at the Calverton Links. The format will be a person scramble.

For more information about BGA or to receive an application, contact Jeff Williams, Ext. 5587, williams@mail.sep.bnl.gov, or check out BGA at <http://www.esh.bnl.gov/beragolf/>.

March Into May

BNL is again one of the organizations nationwide selected to participate in the ten-week physical activity program called "March Into May." Last year, BNL placed 4th out of 38. All employees are invited to participate, regardless of their current fitness level.

Participants will set personal goals for regular activity and track their progress. They will also be eligible for two prize drawings, and everyone who completes the ten weeks will receive an incentive award. To sign up, complete and return the registration form sent to all employees to Mary Wood, Bldg. 490, by Wednesday, March 17.

BERA News

For the following events, buy tickets at the BERA Sales Office. For information, call Andrea Dehler, Ext. 3347, or M. Kay Dellimore, Ext. 2873.

Sales Office Closed March 15-22

The BERA Sales Office in Berkner Hall will be closed from Monday-Monday, March 15-22. It will resume its usual hours of 9 a.m.-1:30 p.m., Tuesday-Friday, on Tuesday, March 23.

Daffodil Sale

Again this year, BERA will sell bouquets of daffodils to benefit the American Cancer Society. Each bouquet will sell for \$6, and paid orders are being taken at the BERA Sales Office, Tuesday through Friday, 9 a.m.-1:30 p.m.

Pickup reserved bouquets 11:30 a.m. - 1:30 p.m. on Thursday, March 25, at the BERA Sales Office. Any extras will be sold that day and on Friday, March 26, in the Berkner Hall lobby, from 11:30 a.m. to 1 p.m.

Atlantic City, Saturday, April 17

Join the bus trip on Saturday, April 17, to Resorts Hotel and Casino on the boardwalk in Atlantic City. The initial cost will be \$25, but the hotel-casino will give a \$17 coin return.

The bus will leave the Brookhaven Center at 8 a.m., returning to BNL by about 10 p.m. An extra pickup at LIE Exit 63 may be requested. Free rolls and donuts will be provided on board; bring your own juice and coffee.

degree or equivalent in business administration/accounting and several years of experience in budgetary planning and/or financial control. Knowledge of Excel, Access spread sheet and database applications is required, and knowledge of BNL systems, including IPAP and PeopleSoft, is desired. Will be responsible for performing special budget assignments, which involve review, coordination and control of data used for the preparation of budgets and forecasts. Will maintain cost records and prepare reports on the performance of cost to budgets and budgets to forecasts. Will perform other miscellaneous administrative functions and management information studies as requested. Will be responsible for tracking all construction accounts costs and labor-distribution activities. Plant Engineering Division.

NS8079. COMPUTER ANALYST POSITION - Requires a BS in computer science, physics or related field, MS preferred, with five years of experience in application-software development. C++ and X windows experience is necessary, as are good problem-solving and communication skills. Experience in a scientific environment is preferable. Will design and develop user-interface applications for the accelerator-controls environment. Alternating Gradient Synchrotron Department.

DD7834. POWER SUPPLY/RF TECHNICIAN POSITION - (reposting) Will work in a small group upgrading and maintaining a range of equipment. System responsibility will include high-power pulsed RF acceleration systems. Work will be done under the direction of a group supervisor while working closely with engineers and physicists. Requires a thorough understanding of analog and digital circuitry, power electronics and RF techniques. Must be able to use standard test equipment and to work from schematics, rough drawings and verbal instructions. Also must have experience prototyping circuits, building chassis, and safely handling bench and power tools. BS in electronic technology or equivalent required. National Synchrotron Light Source Department.

DD4515. DIAGNOSTICS TECHNICIAN POSITION - (reposting) Will work in a small group constructing and testing custom VME-based laboratory instrumentation. Responsibilities range from prototyping to final testing and installing of controls and diagnostics equipment. Will work under the direction of a group supervisor while working closely with engineers and physicists. Work involves feedback systems, and high-speed precision data-acquisition and timing controls. Requires a thorough knowledge of digital and analog electronics. Familiarity with high-speed analog and RF techniques is desirable. Must be able to use standard test equipment and work from schematics, rough sketches and verbal instructions. Requires BSET or equivalent. National Synchrotron Light Source Department.

DD7461. SAFETY SYSTEM TECHNICIAN POSITION - (reposting) Will work under the direction of engineers, under minimal supervision, constructing, testing and troubleshooting personnel safety and machine safety interlock systems. Additional responsibilities include testing and repairing custom and commercial equipment for the scientific community. Requires the use of standard test equipment and the ability to use hand and power tools. Should have knowledge of digital and relay logic. Must be able to work from schematics, rough drawings and verbal instruction. Requires BSET or equivalent. National Synchrotron Light Source Department.

DD4528. PRINTED CIRCUIT-BOARD DESIGNER - (reposting) Will use PADS Power Logic and PADS PCB to design printed circuit boards for custom scientific equipment. Responsibilities include schematic entry, board layout and the design of related assemblies. Must have knowledge of routing and parts placement issues, and be able to prepare schematics and assembly drawings for manufacturing. Knowledge of transmission lines and other high-speed techniques is very desirable. Should have a working knowledge of IPC-D-275 and ANSI Y 14.5 and ANSI Y 32.2 Ability to use PADS products and a recent revision of AutoCAD is desirable. Requires an AAS degree in electronics or equivalent. National Synchrotron Light Source Department.