BROOKHAVEN NATIONAL LABORATORY

Lab Director Marburger Addresses All-Hands Meeting on 9/9/99

The present state of BNL, including many causes for congratulations and a few unanswerable questions, was the topic of Laboratory Director John Marburger's All-Hands Meeting, which was held in Berkner Hall on Thursday, September 9.

Marburger first highlighted many successes of the past six months since his last All-Hands Meeting on March 8, recognizing scientific, administrative, environment, safety and health, and community involvement accomplishments.

He then explained the reasons all beyond BNL or BSA control — why clear decisions could not yet be reported on the restart of the High Flux Beam Reactor (HFBR) and the fiscal year 1999 budget.

On a third issue, the extent to which recent security measures suggested by Congress would affect DOE's national laboratories, he was optimistic.

The Director completed his address by discussing actions that have been taken or are planned as a result of the recommendations of employee focus groups formed after the 1998 employee survey.

As Marburger said after outlining his agenda for the talk, "Science is our business, and science and technology is the product of the Laboratory. Ev-



Laboratory Director John Marburger

erything that we do has to . . . further the mission of the Department of En-

Science Our Business

In explaining some high points of BNL science achieved during the spring and summer, Marburger thanked all who had contributed.

Regarding the newly commissioned Relativistic Heavy Ion Collider (RHIC), he said, the entire Laboratory had participated in RHIC's success to some extent. He then referred to the sensation generated by The Sunday Times of London article on whether RHIC experiments could end the world (see Brookhaven Bulletin, August 20,1999).

However, "Reassuring concerned callers gave us an opportunity to talk about the real science we will do at RHIC, which might not have been so interesting to everyone without the initial fear story," Marburger said.

With RHIC's commissioning, the Alternating Gradient Synchrotron (AGS) is funded as an injector of heavy ions into RHIC, with no provision for continuing its base program of highenergy physics. But Marburger reported good news: John O'Fallon, Director of the Office of High Energy Physics in DOE's Office of Science, has recently expressed support for continuing some of the AGS's most important rare-kaon-decay experiments.

Marburger also reported breakthrough research at BNL's Accelerator Test Facility that will lead to highgain harmonic generation x-ray lasers.

Also, he made mention of how Biology Department researchers in a collaboration have determined the structures of two subunits of bacterial ribosome, using the National Synchrotron Light Source (see Brookhaven Bulletin, September 3, 1999).

And, the Lab Director pointed out, Chemistry and Medical Department researchers have extended the scope of their previous discoveries on addic-(continued on page 2)

DOE Conducts First 'Landlord' Review of National Labs at BNL

As BNL's new "landlord," Dennis Kovar, Director of the Division of Nuclear Physics in DOE's Office of Science, came to BNL August 31 through September 2 to review the Lab's support functions. His purpose was to understand how these operations benefit the Lab's programs, and how efficiently these activities are paid for, structured, and executed.

This was the first time that BNL's landlord has conducted a review of this nature at the Lab, and the first of its kind at any of DOE's national labs. DOE's Office of Science will repeating the process at other labs to ensure that it understands the benefits and risks associated with the operation of its facilities, and that integrated safety management principles are applied.

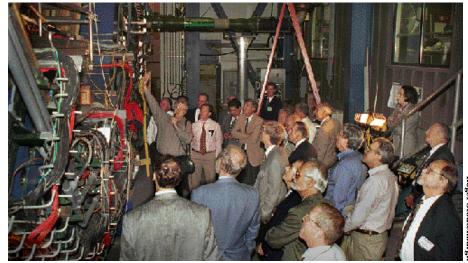
On this visit, Kovar's three days

were focused on the management of finance and administration, ES&H, infrastructure, environmental restoration and waste management, community involvement, and information technology. Kovar's review team was led by Daniel Lehman, DOE.

On October 1, DOE's Office of Science will continue to provide most of the Laboratory's funding. However, on that first day of fiscal year 2000, Nuclear Physics will be responsible for BNL, instead of the Lab's former "landlord," the Division of High-Energy Physics.

This change in "ownership" follows the completion of the construction of BNL's Relativistic Heavy Ion Collider (RHIC) and its commissioning (see Brookhaven Bulletin, August 20, 1999).

(continued on page 2)



BNL's "landlord" Dennis Kovar (front, right) and members of his review team are shown the STAR detector at the Relativistic Heavy Ion Collider, during their three-day look at the Lab.

Physicist Talks on 'The Art, Science of the Motorcycle'

When the Guggenheim Museum asked physicist Charles Falco to recommend which motorcycles should be included in its June 1998 exhibition on the "Art of the Motorcycle," they were asking an expert.

Falco, a professor of optical sciences at the University of Arizona, Tucson, has been a motorcycle enthusiast since he rode his first machine across Des Moines, Iowa, at age ten.

Today, not only does he own 15 of these vehicles, but also he has amassed what is probably the world's largest private collection of motorcycle books - about 85 percent of all volumes on the subject published since 1898. He has also contributed to this specialized literature, having written dozens of articles and two books about motor-

Those who missed the show whose over 300,000 visitors broke all attendance records — will get another chance to benefit from Falco's knowledge of the topic: On Friday, September 24, he will discuss "The Art and Science of the Motorcycle," at 8 p.m., in the Brookhaven Center. The lecture is free, and all are invited.

In his talk, Falco will outline the history, technology and aesthetics of motorcycles, including the developments in science and technology that have allowed these sleek, efficient machines to be produced.

Considering motorcycles as an art form, he will describe the criteria that he and fellow curatorial advisor Ultan Guilfoyle used to select the specific machines in last summer's exhibition. Falco will also provide a preview of what to expect when the exhibit opens at the Guggenheim's new museum in Bilbao, Spain, later this fall.

However important motorcycles are to Falco as a hobby, his real work is in physics. In fact, at 11 a.m. on Friday, September 24, he will give a solidstate physics seminar on "Brillouin

Scattering Studies of MBE-Grown Ultra-Thin Films and Multilayers," in the small seminar room in the Physics Department, Bldg. 510.

Charles Falco, who has published more than 250 papers on optical physics, earned his Ph.D. in physics at the University of California, Irvine, in 1974. Joining Argonne National Laboratory as an assistant physicist, he was promoted to (continued on p. 2)



Charles Falco

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BNLers Give 231 Units

The late-summer BNL Blood Drive, which was held at the Lab on September 9, drew 243 BNLers who volunteered to give, of whom 231 were able to donate. As a result, 231 units of blood were collected to help stock the shelves of Long Island's blood banks.

For taking time out of their busy work days to help meet this vital community need, those who volunteered to donate are thanked by Blood Drive Chair Susan Foster, Human Resources Division.

For their invaluable help in helping to run the drive, Foster also extends thanks to: Barbara Boerjes, Mary Campbell, Elizabeth Mogavero, Joyce Mortimer, and Sharon Zuhoski.

Summer Sundays '99 Draws 4,900 People

Sunday, August 29, was the final day of this summer's Summer Sundays, the Lab's annual program of free tours and programs offered to the general public during eight Sundays in the summer and presented by the Museum Program of the Community Relations Office.

This summer, some 4,900 people visited the Lab during Summer Sundays, up 1,700 from last year's total of 3,200 Sunday visitors. Each Summer Sunday featured a different BNL facility, and the number of each visitors on each Sunday is as follows:

| Sunday | facility | no |
|---------|-----------------------------------|------|
| July 11 | Waste Management Facility | 603 |
| July 18 | High Flux Beam Reactor | 570 |
| July 25 | Information Technology Division | 452 |
| Aug. 1 | Chemistry Department | 570 |
| Aug. 8 | Medical Department | 555 |
| Aug. 15 | Biology Department | 571 |
| Aug. 22 | Relativistic Heavy Ion Collider 1 | ,120 |
| Aug. 29 | Firehouse | 465 |

Seven Students From Six Suffolk Schools Bring Home BNL Science Fair Firsts

Some 500 science projects undertaken by 636 students in seven grades from 110 Suffolk County school were entered in the Lab's 1999 Elementary School Science Fair, held on a Sunday last May.

Judging performed by nine of teams of Lab scientists and local elementary-school teachers resulted in seven winners, one for each grade from kindergarten through sixth grade, from six schools.

The BNLers who served as judges are: Bill Behrens, Department of Applied Science; Morris Bullock, Chemistry Department; Mike Creutz, Physics Department; Sally Dawson, Physics; Steve Dewey, Chemistry; Rick Fernow, Physics; Richard Ferrieri, Chemistry; Erik Johnson, National Synchrotron Light Source Department; Harold Kirk, Physics; Terri Kneitel, Reactor Division; Helen Kycia, Biology Department; Richard Scheidet, Plant Engineering Division; Trevor Sears, Chemistry; Colleen Shea, Chemistry; Graham Smith, Instrumentation Division; and Peter Yamin, Director's Office.

Kindergartner Maeve Dwyer, from the Ocean Avenue ementary School in the **Northport-East** Northport **School District,** earned first place in the competition at her grade level. Through her project, Dwyer answered the question "How **Do Horseshoe** Crabs Find Their Way Home?"



loger Stoutent

Landlord Review (cont'd)

The Lab's flagship facility will soon be the world's highest-energy collider of heavy ions for nuclear-physics research. As a result, RHIC is not only BNL's largest "big machine," but the one requiring the most funds. Because it now funds the largest portion of BNL's budget, Nuclear Physics has become the Lab's landlord.

Said BNL Director John Marburger, "The Landlord Review required a lot of preparation, but it was worth the effort: the Review team praised the Laboratory's presentation and gave good marks to our management procedures. I expect the process to lead to

increased attention from DOE to our infrastructure problems."

— Marsha Belford

Motorcycle Talk (cont'd)

lead the superconductive and novel materials group three years later.

Moving on, Falco became professor of optical sciences at Arizona Research Laboratories, University of Arizona, in 1982. In 1998, he was made University Chair of Condensed Matter Physics. Also, since 1983, he has been director of the Arizona Research Laboratories' Surface Science Division.

Diane Greenberg

Lab Tech Training For Disabled Adults

Starting October 4, the Lab's Medical Research Center will become home to a new laboratory-assistant training program for adults who are Suffolk County residents and have disabilities. Completing the 15-week program, offered at BNL by the nonprofit Edwin W. Martin Career & Employment Institute, plus a one-week internship, participants will be prepared for jobs as lab assistants, specimen processors, and the like. For more information about the program, contact Jeffrey Taylor, Diversity Office, Ext. 2703.

All-Hands Meeting (cont'd)

tion to include an understanding the effects of heroin, alcohol and methamphetamine. In addition, he said, a possible treatment process is being licensed for development.

Other research highlights that the Director discussed were: Department of Applied Science (DAS) collaborative experiments showing that trees grow faster in a carbon-dioxide-enriched environment and can absorb more carbon dioxide, bringing significant implications for global-climate issues (see Brookhaven Bulletin, May 28, 1999); a Department of Advanced Technolinvention, RAPTOR, which "quiet" jackhammer to be developed under a cooperative research and development agreement (Brookhaven Bulletin, August 27, 1999); and a DAS anticorrosion coating for metal using key ingredients from natural materials: crab shells and corn (Brookhaven Bulletin, July 30, 1999).

The Lab Director thanked "active Lab citizens" — employees who go into the community to talk about the Lab and its science. He also advocated that employees send articles on BNL science to friends. "Keep your eyes open for clippings — you can make a difference," he suggested.

High Standards

Another "first" to be proud of, Marburger emphasized, is that the RHIC Project has been registered to the ISO 14001 Environmental Management System, especially since RHIC is the first among DOE Office of Science (OSC) facilities to obtain such regis-

tration. In addition, Marburger related, the Waste Management Facility and the HFBR are scheduled to seek registration by September 2000.

"We need the credibility we gain in meeting this high international standard, and it is also a contractual obligation," Marburger said.

The Director also thanked employees for their contributions to the success of three major DOE reviews of BNL: the Integrated Safety Management Evaluation, the OSC's On-Site Review — at which OSC Director Martha Krebs congratulated the Lab on showing the "proof" of good management in its presentation "pudding" that she had requested the previous year — and the Landlord Review (see story, page 1).

Community Activities

Through July and August, the Lab's Summer Sundays program was regularly attended by the public (see summary, above), Marburger said, with one surge of 1,120 people on the day featuring visits to RHIC. Another successful community initiative, he said, is the developing Community Advisory Committee, a large group of neighbors, stakeholders and representatives from civic or other groups interested in adding their viewpoints on BNL activities.

Still Some Questions

Due to outside factors, Marburger was unable to give decisive news on two important questions: reopening the HFBR and next year's budget.

A delay in publication of the HFBR's environmental impact statement is

holding up plans for a DOE decision on restart.

"We have many letters of support from the neutron-scattering research community," Marburger said. "I'm convinced that this reactor can be operated, and it is needed by science. Until it was shut in 1996, it was one of the most productive research reactors in the world."

Later, in responding to a question at the end of his talk, the Director spoke of the corporate commitment made by the BSA Science & Technology Steering Committee at its recent review of materials science at BNL. "They made a strong recommendation that all possible should be done to get the HFBR restarted," he said.

Next fiscal year's budget is also uncertain, relayed Marburger, since no action is expected from Washington, D.C., until after October 1. Marburger promised to publicize budget news as soon as it is received.

On the side effects of congressional preoccupation with possible espionage, the Director repeated Energy Secretary Bill Richardson's guidance to DOE lab directors: that nothing should be done "that will change the character of your laboratories."

Marburger explained BNL's goodfaith efforts to comply with requirements for foreign visitors, and to increase training and consciousness of necessary security.

After reminding the audience that support from China, India and Russia helped build RHIC, Marburger added, "We want to continue to draw the best scientists to this Lab, wherever they come from, and I promise I'll do every-

thing in my power to make that happen as a general policy."

Employee Recommendations

Marburger summarized the key actions that he has taken in response to the recommendations made by employee focus groups set up as a result of the 1998 internal survey.

First, Marburger said, he has provided for a more influential role for diversity issues at the Lab by having the Diversity Officer, Lorraine Merdon, report directly to him.

Marburger is also creating a representative employee organization called Employee Advocacy Representatives (EAR), drawn from all the Lab's employee constituencies. EAR's mission will be to increase Lab-wide communication and to act as a sounding board, giving feedback to management on new ideas.

Although he expressed reservations to the audience about the "360-degree" evaluations as a replacement of a supervisor's evaluation, Marburger has allowed pilot testing of the system for level I and II managers.

As the Director explained, *Monday Memo*, which started in March, was one of the first actions that he took to extend Lab communications, and he will continue to work on ways to improve all communications and get employees' suggestions known. Some requests, such as improved access to e-mail and the Internet for all employees, will take longer to implement since funding is required. Nevertheless, "I am committed to making real responses to the recommendations," Marburger said. — Liz Seubert

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To Your Health

The following activities are offered by the Health Promotion Program of the Occupational Medicine Clinic. To register for any or all of the activities, complete the bottom of the lilac-colored Healthline flyer recently sent to all employees. For more information, call Health Promotion Specialist Mary Wood, Ext. 5923.

Fall Into Fitness

Starting on September 20, travel to different cities around the world, beginning and ending in New York City without leaving the area and while getting fit. Do this by joining the fiveweek Fall Into Fitness program.

Similar to the annual March Into May activity program, Fall Into Fitness has participants track miles instead of points. Accordingly, 20 minutes of any exercise equals 600 miles

BNL Walking Club

Belong to a club that enjoys a form of exercise that can be done with very little special equipment, in a group or alone, almost any where and any time. Inquire about tally cards, incentive awards, and maps of routes.

Healthfest '99: October 18-22

BNL employees, retirees and facility-users are again invited to participate in the Lab's annual Healthfest a five-day celebration of personal health, fitness and safety — which this year is scheduled for Monday, October 18, through Friday, October 22.

So far, Healthfest '99 will feature a 2-mile walk on October 18, a 5-kilometer run on October 19, a health fair on October 20 & 21, and a tennis workshop on October 22. More information will be sent to employees and published in the Bulletin.

Equipment Demo

On Tuesday, September 21, from 10 a.m. to 2 p.m., CTP Wireless will discuss the AT&T corporate cellular rate that it offers BNLers.

Service plans include one with airtime rates of 20 cents per minute and 40 minutes of airtime at \$19.99 per month, 20 percent off air-time charges, and unlimited off-peak air-time for an additional \$4.99 per month.

Another plan includes 200 minutes any time for \$29.99 per month with unlimited off-peak time for \$9.99 extra.

Free features include a digital phone, cigarette-lighter adapter, carry case, caller ID, voice mail with notification, and more. For more information, call Dennis Lamm, 585-2900.

Free Flu Shots

The Occupational Medicine Clinic (OMC) has begun offering free flu shots to employees, to precede the winter influenza season.

For more information about flu shots or to make an appointment to be vaccinated, call OMC, Ext. 3670.

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2000 BSA Scholarship Alert

Applications for 2000 BSA Scholarships may now be obtained from the Office of Scientific Personnel, Bldg. 185A. The application deadline is November 15.

Children of regular employees of BNL are eligible to compete for up to 13 BSA scholarships, each for \$2,500 per year renewable for up to four years of study toward an academic

In addition, up to two scholarships may be awarded to BNL employees' children who are black, Hispanic or Native American. If there are no awards to under-represented minority students, then the remaining scholarships will be awarded to nonminority students.

Applicants must be secondary school seniors who will be graduating during the current academic year and entering college by fall 2000.

In addition, qualified applicants must be: children of BNL employees who began regular, full-time

or regular, eligible part-time employment no later than

November 15 of this year, and who are employed by BNL at the time the award is announced; or children of retired employees or employees who died

while in regular service at the Lab. Stepchildren are eligible if the employee regularly claims the child as a dependent for incometax purposes, or if the stepchild has resided in the employee's household for the previous two years before making the applica-

For more information, contact the Office of Scientific Personnel,

BERA Bus Trips

To make paid reservations for the following trips, go to the BERA Sales Office, Berkner Hall, Tuesday through Friday, 9 a.m. - 1:30 p.m. For more information, call Andrea Dehler, Ext. 3347, or M. Kay Dellimore, Ext. 2873.

To Atlantic City: November 6

The last of this year's BERA-sponsored bus trips to Atlantic City on will be on Saturday, November 6. The cost will be \$25, and the hotel-casino and coin return will be announced later.

The bus will leave the Brookhaven Center promptly at 8 a.m. and return by approximately 10 p.m. Movies, games and free rolls or donuts will be available on the bus; bring your own coffee and juice.

To NYC, Xmas Show: December 5

On Sunday, December 5, BERA is going to the newly refurbished Radio City Music Hall in New York City, to see the annual Christmas Show.

There will be time in the city before the show for seeing the Rockefeller Center tree, browsing 5th Avenue, and/ or viewing the holiday decorations.

The cost is \$85 per person, which includes orchestra or front mezzanine seats, as well as transportation on a fully-equipped coach bus. The bus will leave from the Brookhaven Center at 11:30 a.m.; if requested, an extra pickup will be made at the park and ride at L.I.E. exit 63. Return to the Lab will be at approximately 9:30 p.m.

Stockrooms Closed For Inventory Today

All Supply & Materiel stockrooms are closed for inventory today, Friday, September 17. Emergency requirements may be processed through John Scharpeger, Ext. 2974.

Arrivals & Departures

| Arrivals | | | |
|--------------------------------|----|--|--|
| Maurice J. Askinazi Physic | cs | | |
| John A. Broadwater Biolog | 3) | | |
| Evelyn Cruz Physic | CS | | |
| Steven N. Ehrlich NSI | S | | |
| Teresa Fryberger Director's Of | ff | | |
| Timothy M. Green Env. Service | es | | |
| Yuri V. Kovchegov Physic | cs | | |
| Larry D. McLerran Physic | cs | | |
| Edward A. Gavin Waste Mana | g | | |
| Departures | | | |
| Agnes C. Abola AG | S | | |
| Henry T. Floege Cent. Shop | 25 | | |

Carl L. Jacobs Physics

Eugene R. KellyRHIC

Calvin A. LomRHIC

Joel W. Spinner AGS Lu Sun Biology

ESL Classes Start 10/7

The start of the fall session of the on-site English as a second language (ESL) classes has been delayed until Thursday, October 7.

ESL classes are offered free to employees, facility-users, other BNL guests, and their spouses on Thursday evenings from 6:30 to 9:30 p.m. in the Human Resources training room in the back of Bldg. 459. Those new to the class are advised to arrive promptly at 6:30 p.m. to receive more information and have their English language skills assessed.

For more information, call Starr Smith, Ext. 7631, or Marilyn Pandorf, Ext. 5251.

Softball Party 10/15

All softball players, their families, and friends are invited to the last BERA Softball League party of the century!

The party will be held at the Brookhaven Center on Friday, October 15, starting at 5:30 p.m. Tickets are \$10 per person and will include: a buffet dinner with two drink coupons for beer, wine, or soda; music by DJ Heart and Soul; and a cash bar.

Everyone must have a ticket, and none will be sold at the door. To purchase tickets, bring cash to Andrea Epple, Bldg. 51M, Ext. 5943, by October 1. For more information, e-mail softball@bnl.gov.

Camera Club Meeting

All photo enthusiasts and BNL Camera Club members are strongly urged to attend the next club meeting at noon on Tuesday, September 21, in Room A, Berkner Hall. Topics to be discussed are: the club's leadership and photo display, the Photo Expo in New York City, and digital versus darkroom photography.

For more information, call Ripp Bowman, Ext. 4672.

Entertainment Book

The 1999-2000 Entertainment book - which offers discounts for fine dining in Nassau and Suffolk and includes coupons for car rentals, chain restaurants, movies, and more — is now available for purchase at the BERA Sales Office at \$20, which is \$10 less than last year's book.

For more information, stop at the BERA Sales Office in Berkner Hall, Tuesday-Friday, 9 a.m.-1:30 p.m., or call Andrea Dehler, Ext. 3347, or M. Kay Dellimore, Ext. 2873.

Defensive Driving

The training group of the Safety & Health Services Division will offer a two-part defensive driving course on Monday and Wednesday, September 27 & 29, 6-9 p.m., in Room B, Berkner

The course will be taught by a Metropolitan Life instructor and is open to BNL, BSA and DOE employees, BNL facility-users, and their families, at a cost of \$23 per person. Completing the course entitles participants to a 10percent discount on vehicle collision and liability insurance for three years.

The class will be limited to 35 participants. To register, send a check made out to Empire Safety Council, in care of Scott Zambelli, P.O. Box 670, Mount Sinai, NY 11766. All checks must be received by Saturday, September 25.

So that your registration can be confirmed, include your phone number with your name. For more information, call Zambelli at 249-3000, Ext. 5877 (*not* the on-site Ext. 5877).

Tennis Tournament

Why go to Forest Hills when you can watch a great match at the BNL tennis courts at 5 p.m. today? At that time, BNL's no. 1 seed Bob Meier and no. 4 seed Steve Shapiro of the BNL Tennis Club will play the 1999 Men's Singles final of the 1999 Tennis Tournament.

In case of bad weather, check the bulletin board by the tennis courts and/or the BERA sales office in Berkner Hall for a rescheduled date.

Earlier in the tournament, Bob Meier and Joe Carbonaro played Frank Kito and Steve Shapiro for the 1999 Men's Doubles Championship, winning 6-1, 7-6, 7-3. The Mixed Doubles Championship went to Akiko Redlinger and Terry Maugeri, who won over Rita and Frank Kito, with scores of 1-6, 6-3, 6-4.

Fall Pool Schedule

In effect since September 7, the fall hours at the swimming pool are as follows

Open Hours

Monday through Friday

11 a.m. - 1:30 p.m. employees only 1:30 - 2 p.m. speed swimming/training 5 - 8:30 p.m. employees, families, guests

Saturday

noon - 5 p.m. employees, families, guests* The pool is closed on Sundays and all Lab holidays.

Fee Schedule

family

 Daily admissions employee/family member \$2.00 guest

\$3.00 • Season tickets (fees not prorated) \$42.00

*Guest ruling: One guest per employee is permitted without prior arrangement. Ad vance arrangements for additional guests, up to five per employee at one time, must be made at the Recreation Office, Human Resources Division, Bldg. 185. Guests must

be accompanied by the sponsoring employee.

\$53.00

On the Newsstands: Sept. Cleanupdate

September's Cleanupdate, the newsletter published by the Community Relations Office staff within the Environmental Restoration Division, will be hitting the newsstands early next week.

For the latest information on the Lab's Superfund cleanup, which is about halfway complete, look for a copy of volume 4, issue 2 in your Lab mailbox.

Walk for a Good Cause

Walk for Healthier Hearts

Join the fight against heart disease and stroke by participating in the 1999 American Heart Walk on Sunday, October 3. Walkers may choose from two locations, Suffolk County Community College in Riverhead, or the State University of New York at Farmingdale.

For more information, stop at the BERA Sales Office in Berkner Hall, Tuesday-Friday, 9 a.m.-1:30 p.m., or call Andrea Dehler, Ext. 3347, or M. Kay Dellimore, Ext. 2873.

'Walk for Beauty'

BNL's Deputy Director for Operations, Tom Sheridan, and the Lab's Women's Program Advisory Committee invite all BNL employees, retirees, facility-users, and their families and friends to join them as part of the Lab team participating in the sixth annual Walk for Beauty.

The 4-to-6 kilometer walk will take place on Sunday, October 3, starting at 9:30 a.m. at the Stony Brook Post Office. Proceeds from this event will benefit breast-cancer research funded through the Carol M. Baldwin Research Fund, Inc.

Advance registration requires \$50 in pledges or \$12 per walker; those registering on the day of the walk will pay a \$15 fee. Each registered BNL walker will receive a free T-shirt from Friends of Brookhaven, Inc., plus several other complementary gifts from the walk's sponsors. To receive those shirts, members of the Lab team are asked to assemble before the walk at the Brook House in Stony Brook.

For registration forms, directions and assembly information, contact Stephanie LaMontagne, Ext. 7141 or stephl@bnl.gov; or Donna Grabowski, Ext. 2720 or grabowsk@bnl.gov.

Tread Safely

The Safety Shoe Office, located in Bldg. T-88, will be closed on September 20 & 21, and 23 & 24. The office will reopen on Monday, September 27. For more information, call Pat Jencius, Ext. 2300.

Volunteers Wanted For October Events

For Science, Environment Festival

On Saturday, October 16, the Lab will be holding an outdoor Festival of Science & the Environment, which will be open to the public. Similar to last year's successful Environmental Fair, this year's festival will feature more science exhibits and science-based activities for the kids. To volunteer for this event, contact its coordinator, Janet Tempel, Community Relations Office, Ext. 4049 or jtempel@bnl.gov.

For Healthfest '99

Healthfest '99 — BNL's seventh annual celebration of health, fitness and safety — is scheduled for October 18-22 (see "To Your Health," page 3). And again this year, volunteers are needed to make Healthfest happen.

So, if you can help by registering participants, patroling courses, staffing the raffle desk, etc., then please call Healthfest organizer Mary Wood, Ext. 5923.

Halloween Madness

Let your broomstick carry you to BERA's Halloween Madness Party on Friday, October 29, at the Brookhaven Center, from 6 to 11 p.m. The party is for adults only, and everyone is requested to wear a costume.

Admission will be \$5, paid at the door, and it includes refreshments, games, prizes, and music by ET. A cash bar will be available. For more information, call Andrea Dehler, Ext. 3347, or M. Kay Dellimore, Ext. 2873.

Classified Advertisements

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

MK7821. POSTDOCTORAL RESEARCH ASSOCIATE - To develop computational aspects of high-throughput structure determination by x-ray crystallography, as part of BNL's human proteome project. Requires a Ph.D. in structural biology, computer science or related field, and experience with programming languages such as FORTRAN, C++, Perl, Java. A background in x-ray crystallography, structural biology, database design or related field is highly desirable. Under the direction of J. Jiang, Biology Department.

NS8438. SECTION HEAD, ELECTRICAL SYSTEMS -Requires Ph.D. in physics, M.S. or Ph.D. in engineering, or an equivalent combination of education and experience. Requires a track record of success in the development or operation of an accelerator complex or a similar facility; strong record of technical accomplishments; and experience in one or more of the following: particle-beam physics, beam diagnostics, dc and pulsed magnets, ion sources and injectors pulsed power, high-voltage systems, rf systems, and/or accelerator engineering. Experience in theory or practical aspects of circular accelerators or storage rings and in project management of accelerator engineering is necessary. Required are: demonstrated excellence in technical and project leadership; excellent management and interpersonal skills, including career development and mentoring; and proven ability to work harmoniously and effectively with scientists, engineers and technicians. Will serve as a member of the NSLS management team to provide guidance and technical support to 50 people in a section which provides electrical and computer sup-port for the operating, maintenance and upgrading of NSLS machines. Will participate in team-building, performance appraisals, planning, and budgeting National Synchrotron Light Source Department.

NS8788. ADMINISTRATIVE POSITION - Requires an AAS degree, or the equivalent, and 3-7 years experience that includes: health-insurance benefits administration; and knowledge of benefits claims, medical programs, COBRArequirements, and Excel and Word. Previous extensive customer-service experience is necessary. Duties include enrolling employees for benefits, resolving benefits issues, administering COBRA, preparing monthly bills for insurance carriers, and maintaining computer databases. Human Resources Division.

NS7741. BUDGET/ADMINISTRATIVE POSITION (reposting) Requires a bachelor's degree in accounting, business administration or equivalent; and experience in financial administration, accounting procedures and policies, and budget preparation. Strong analytical and communication skills are required, as is the ability to prioritize workflow and respond to deadlines. Strong computer skills using Microsoft Office products are essential; experience using PeopleSoft, BNL financial systems and knowledge of Lab policies and procedures is desirable. Budget Office of the Applied Science & Technology Directorate.