

Balancing FY 1999 Lab Budget Will Necessitate Approximately Eight Layoffs in Support Divisions, Deferred Raises for Employees Earning Over \$60K Savings for Medical Plan Being Investigated

Funding the Lab's budget priorities for fiscal year (FY) 1999 will require a reallocation of \$12.2 million, resulting in approximately eight layoffs in the support divisions, and deferred salary increases for employees earning more than \$60,000 per year, Laboratory Director John Marburger announced last Wednesday, August 19, at a meeting of associate and assistant laboratory directors, department chairs, and division and office managers.

"BSA's budget philosophy is to manage all the funds available to the Lab, not just overhead, with the objectives of maximizing research productivity while meeting our commitments to DOE, our regulators, the community and the environment," says Marburger. "An investment-oriented process of allocating funds and increased line-management budget authority and responsibility will be among the ways that we carry out that philosophy."

According to Human Resources Director Robert D'Angio, of the approximately eight layoffs, all will be from support areas, and, depending

FY 1999 Overhead-Impact Analysis	
	cost in \$M FY 1999
New Contractor Costs	
new BSA hires: salaries & associated expenses	2.7
management fee increase	3.1
AUI termination & settlement cost estimate	0.8
subtotal	6.6
Management Initiatives	
restore Lab Directed R&D budget	1.6
Management Plan	1.6
new ES&H and quality initiatives	2.4
subtotal	5.6
total increased costs	12.2
Actions to Minimize Impact on Research	
reduction in overhead functions	-3.6
fringe-benefit savings	-1.4
negotiate electric power cost savings	-1.5
Flik contract cost reductions	-0.2
conversion of \$2M GPE to operating funds	-2.0
deferred salary increases	-2.6
total decreased costs	-11.3
Net effect on research programs	0.9

upon the number of volunteers, only up to four are expected to be involun-

tary. "And Human Resources will work hard to try to place employees slated

Meet With Marburger Next Thursday 9/3

Two employee meetings with Laboratory Director John Marburger have been scheduled for next Thursday, September 3, in Berkner Hall: the first meeting will be held at 11 a.m., and the second at 2 p.m.

To ensure that he is addressing employee concerns regarding the fiscal year 1999 budget (see story) and the recently released employee survey results (see Brookhaven Bulletin, August 21, 1998), Marburger invites employees to submit their questions either ahead of time or to ask them during the question-and-answer session after his presentations.

If you wish to make the Director aware of your concerns ahead of time, then send your questions and comments by 5 p.m. on Monday, August 31, to the Brookhaven Bulletin, Bldg. 134; e-mail them to pubaf@bnl.gov; or call ASK1, the question hotline, Ext. 2751.

for an involuntary layoff elsewhere in the Laboratory," says D'Angio.

Affected divisions will ask for layoff volunteers during September and October. Those who will be laid off will leave the Lab in the middle to end of October.

(continued on page 2)

BSA Board Makes First Tenure Awards to Five Brookhaven Scientists

Five Brookhaven scientists have been granted tenure by the Brookhaven Science Associates (BSA) Board, effective August 1.

This action fulfills a commitment to tenure made to the Lab community by BSA President John Marburger, who is now also BNL Director, last November 25, the day that the U.S. Department of Energy announced the selection of BSA as BNL's next contractor.

Bringing the Lab's roster of tenured scientists to 139, the new awards are held by: Jeffrey Coderre, Medical Department (see story below); Yu-Shin Ding, Chemistry Department; John Gatley, Medical; Stephen Peggs, Relativistic Heavy Ion Collider Project; and José Rodriguez, Chemistry.

Said Marburger, "Tenure at this Laboratory carries a high level of prestige

because of the long tradition of excellence in science and technology. This year's awardees measure up in every respect to the expectations created by BNL's history of achievement. I was very impressed by the strong support they received from the reviewers."

According to BNL's Scientific Staff Manual, tenure appointments recognize "independent accomplishment of a high order in the performance of original research or of other intellectually creative activity appropriate to the purposes of the Laboratory."

In a series of articles over the next five issues, the Brookhaven Bulletin will discuss the work of each of the new tenure recipients, in alphabetical order, and its importance to BNL.

Jeffrey Coderre, Medical

Jeffrey Coderre (right), a scientist in the Medical Department, is the principal investigator of the Boron Neutron Capture Therapy (BNCT) program at Brookhaven.

In recommending Coderre for tenure, Medical Chair Nora Volkow stated, "Brookhaven is now recognized as the world's leading laboratory in BNCT research and the work of Jeffrey Coderre has played a key role in achieving that status. His work clearly represents 'accomplishment of a high order in the performance of original research' in furthering the purposes of the Laboratory."

BNCT is currently used in clinical trials at BNL, testing its ability to treat a malignant brain tumor called glioblastoma multiforme. In this therapy, a boron-containing compound that preferentially accumulates in malignant brain-tumor tissue is administered to a patient. The tumor is then irradiated with low-energy neutrons, some of which are captured by some of the boron nuclei. These nuclei then release powerful, very short-ranged radiation that destroys the cancer cells without reaching the normal brain cells nearby.

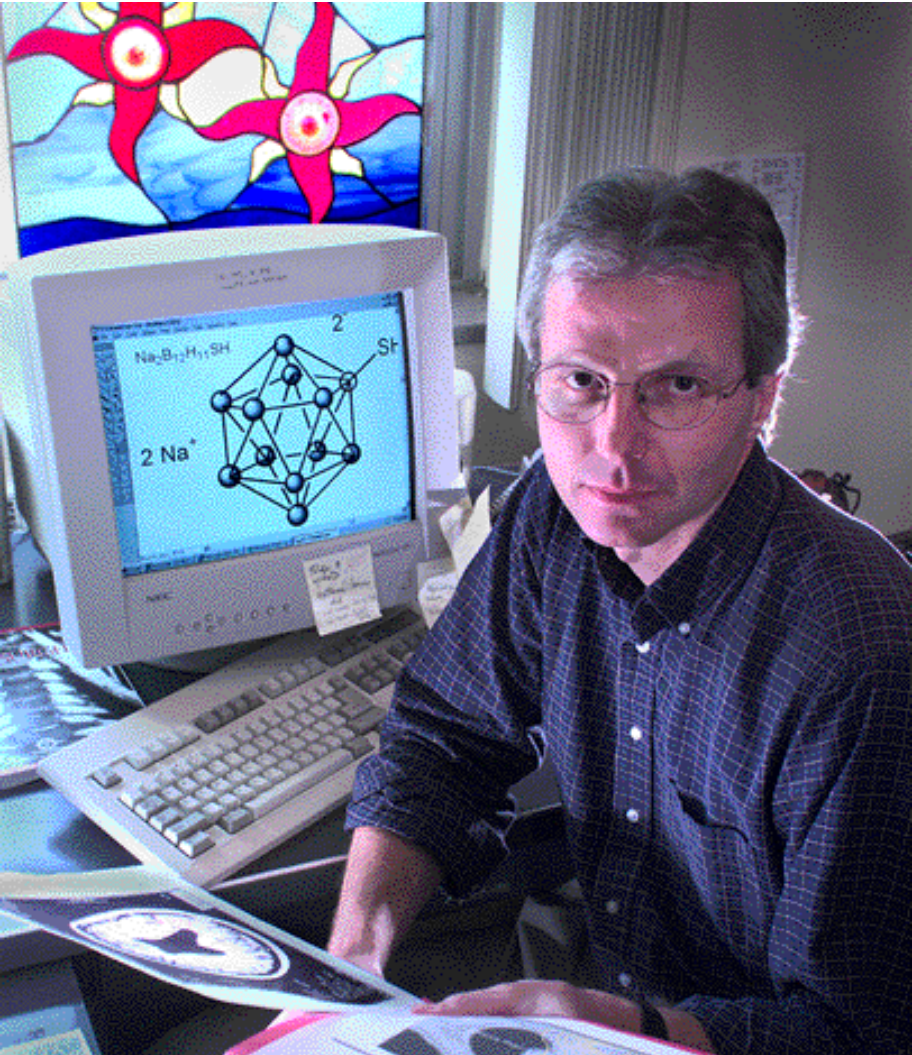
As Volkow noted, "In order to apply

BNCT safely and effectively in the treatment of malignant brain tumors in humans, a substantial amount of basic preclinical biochemical and radiobiological research is essential. It is in this area that Coderre has emerged as a leading scientist. His contributions laid the foundation for initiating the 1994 trials of BNCT at Brookhaven for the treatment of glioblastoma multiforme in humans. The first patient was treated safely and effectively, primarily because the extensive work done under Coderre's leadership provided a basis with which to calculate estimates of the radiation doses to the tumor and normal tissues. To date, among the patients treated with BNCT, there has been no evidence of any unacceptable radiation-induced damage to normal brain or skin.

"In summary," Volkow concluded, "The quality of his research work in BNCT has won him the acclaim of his peers and colleagues, and has brought him national and international recognition as being among the most outstanding investigators in the field."

Coderre, who first came to the Lab as a guest technical specialist for sev-

(continued on page 3)



Roger Stoutenburgh

40th Anniversary of Pauli’s Summer Visit

Forty years ago this summer, Wolfgang Pauli (right), who had 13 years earlier won the 1945 Nobel Prize in physics for what is now known as the Pauli exclusion principle, was at BNL as a visiting physicist from ETH, Zurich, Switzerland. In 1930, in addition having developed his exclusion principle, Pauli had suggested the existence of neutrinos, which are particles that pervade the universe but which were not detected until 1956.

During his 1958 visit, Pauli held discussions with, among others, nuclear physicist Maurice Goldhaber (left) of BNL’s Physics Department. Goldhaber had joined the Lab’s Physics Department in 1950, and, in addition to his distinguished research career, he also chaired Physics, 1960-61, and served as the Lab’s third director, 1961-73. Now, Goldhaber continues his research at the Lab in his retirement.

Most recently, Goldhaber was one of 120 physicists from 23 institutions in Japan and the U.S. working with the Super-Kamiokande Collaboration detector in Japan (see Brookhaven Bulletin, June 19, 1998) who had reported evidence for the oscillation of a particle called the muon neutrino into a tau neutrino, from which was concluded that neutrinos have mass. This long-sought-after finding adds to the Standard Model, which describes the particles and forces in nature.

During an August 4th Physics Department colloquium which he gave on “Neutrino Oscillations,” Goldhaber, by showing a transparency of this picture, reminded the audience of Pauli’s 1958 visit — and of Pauli’s 1930 prediction of the neutrino’s existence.



FY99 Budget (cont’d.)

Regarding the deferred raises, D’Angio explains, instead of receiving salary increases as usually scheduled for October 1, the first day of the new fiscal year, employees earning between \$60,000 and \$90,000 will receive their raises on April 1, 1999, while those employees being paid more than \$90,000 will get their pay increases on July 1, 1999.

Those earning less than \$60,000 but whose October 1st raise would bring them above that figure will receive the portion of their raises that brings their salaries to \$59,990 on October 1 and be given the balance of their increases on April 1.

Those being paid less than \$90,000 but whose October 1st raise would have them earning above that number will be given the part of their raises that makes their salaries total \$89,990 on April 1, while being given the balance of their increases on July 1.

Regardless, all employees will be notified of their proposed raises for the new fiscal year as usual on September 30th. Approximately one-third of Lab employees will have their raises deferred.

In addition, says D’Angio, ways of reducing the expected FY99 increased cost of the CIGNA Medical Plan, one of the three medical-insurance plans that BSA offers to employees, are being investigated, but only those options that have minimal impact on the services used and costs carried by employees and pre-Medicare-eligible retirees.

For those retirees now on Medicare, no changes are being considered at this time because there is no method of integrating CIGNA Medical Plan changes with Medicare.

Offset by Cost Reductions

“Our optimism about the following fiscal year, FY 2000, suggests that we treat the upcoming fiscal year, FY99, as a transition year, during which we must minimize the impact on science while maintaining a balanced budget, providing support services more efficiently, accelerating the DOE-mandated culture change, and continuing our environmental cleanup and infrastructure maintenance,” explains Marburger.

Totaling \$12.2 million, FY99 investments will be made in management, exploratory research, and environment, safety and health initiatives (see chart on page 1).

The increases in management costs include: \$2.7 million for the salaries, fringe benefits and other expenses associated with new BSA hires; an estimated \$3.1-million increase in the management fee from the originally budgeted \$4.2 million to an estimated \$7.3 million for FY99; and an estimated \$800,000 that may have to be

paid to AUI in FY99 for termination and settlement costs.

The management initiatives requiring increased investment include: a \$1.6 million restoration of funds to the Laboratory Directed Research & Development (R&D) budget, to bring it up to \$4 million in FY99; \$1.6 million needed for management planning; and \$2.4 million necessary for new initiatives in environment, safety & health and quality programs.

Says BNL’s Budget Officer Richard Melucci, “The increased investments will be offset by cost reductions in order to minimize any increase in the actual cost of doing Lab business.”

These investments will be funded through overhead, which is the percentage that BNL charges funded programs to cover the Lab’s general and administrative (G&A) costs. Overhead is now at 35 percent, and it is assessed on the salaries paid and the materials purchased with program funds. A reduced rate is charged on subcontracted work and on special procurements. Support personnel dependent upon overhead revenue total 25 percent of the Lab’s employee population.

Minimize Impact on Science

In the effort to minimize the effect on scientific research, the \$12.2 million in investments is being countered with \$11.3 million in various spending decreases (see chart on page 1).

These reductions for FY99 include: cuts in staffing, materials, supplies, travel and communication for support areas, for a savings of \$3.6 million; a \$1.4 million fringe-benefit saving expected from medical plan changes (see below); an estimated \$1.5-million saving on the cost of BNL’s electricity, which is expected to be the outcome of ongoing negotiations with the New York Power Authority; a \$200,000 cut in the Flik International contract to operate the Lab’s cafeteria; a conversion into operating funds of \$2 million

from General Purpose Equipment (GPE) funds used by support areas; and the deferred raises to salaries at or above \$60,000, which totals \$2.6 million in savings.

The \$900,000 difference will be made up by raising the overhead for FY99 to 37 percent. While this will be the published overhead rate, because the cost of doing business at the Lab will decrease due to the Lab-wide cost reductions listed above, the effective rate will be 34.5 percent — which is half a percent less than FY98 or only half a percent more than FY97.

Environmental Orphans

There are, however, nine “environmental orphans,” that is, environmental cleanup projects totaling \$8.4 million which the Lab must undertake next fiscal year, but for which there is no direct DOE funding yet (see table below).

At present, the FY99 Energy & Water Appropriations Bill, which funds most of BNL, is being discussed in a conference committee involving the U.S. House of Representatives and the U.S. Senate, prior to its being voted into law. That committee is considering as much as an additional \$10 million to fund next year’s cleanup of the Lab’s environmental orphans.

Medical Plan Changes

According to D’Angio, in light of the sentiment expressed through the recent survey that employees like the Lab’s medical benefits (see Brookhaven Bulletin, August 21, 1998), any changes to the Lab’s CIGNA Medical Plan must not only result in cost savings for BNL, but also cause the least amount of disruption in medical services and unreimbursed expenses for employees and pre-Medicare-eligible retirees.

At present, the Lab spends more than \$25 million per year for employees’ medical care, and approximately

Coming Up

Chemist Gregory Hall will give the first Brookhaven Lecture of the 1998-99 series, “Chemical Dynamics: Tuning in Molecular Motion With FM Spectroscopy,” on Wednesday, September 16, at 4 p.m. in Berkner Hall.

65 percent of BNL employees and pre-Medicare-eligible retirees are enrolled in the medical insurance program administered by CIGNA. Under this plan, they are entitled to use physicians and hospitals of their choice, and must submit claim forms for medical expenses, for which they are reimbursed up to 100 percent of reasonable and customary costs after deductibles are met.

In considering what could be changed and what should remain the same, D’Angio and his staff have met with a number of employee groups, including leaders of Local 2230 of the International Brotherhood of Electrical Workers, the Brookhaven Council, the Employee Relations Committee, and the Brookhaven Retired Employees Association. As a result of those discussions, and those with CIGNA and a consultant, what is now being considered is what is called a CIGNA preferred provider organization (PPO).

Preferred providers are doctors and hospitals within the CIGNA PPO network. In fact, 65 percent of the doctors and 95 percent of the hospitals that employees and retirees enrolled in the CIGNA plan used last year are preferred providers.

If the CIGNA PPO plan is adopted, however, then enrolled employees and retirees will still have their choice of doctors and hospitals. But, using PPO doctors will only cost \$10 per visit, while the cost of seeing non-network doctors will continue to be reimbursed at 80 percent after deductibles are met.

Also, if adopted, a prescription-drug card will be introduced, with which generic brands will cost \$5, while brand-name drugs will cost \$10. In addition, there will be a mail-order option for obtaining three-month supplies of medications at reduced cost. The \$1-million cap on medical expenses paid over a lifetime will be removed. The deductible for an individual may be raised from \$250 to \$300 per year, while the family deductible may decrease from \$650 to \$600 a year.

“We are still working on this, with the aim of minimizing the impact on cost and service for employees and pre-Medicare retirees, while realizing plan improvements for individuals and cost savings for the Lab,” says D’Angio. “As soon as changes to the plan are finalized, we will let you know.”

— Marsha Belford

Unfunded ‘Environmental Orphans’

	cost in \$M FY 1999
Brookhaven Graphite Research Reactor characterization & stabilization	3.5
U.S. Environmental Protection Agency phase II process-evaluation project	0.5
U.S. Environmental Protection Agency phase III environmental management system	0.3
National Emissions Standards for Hazardous Air Pollutants compliance	0.1
Underground injection-well control	0.3
Suffolk County Article 12 facility-review corrective actions	2.6
Groundwater monitoring improvement project	0.5
Suffolk County Environmental Radiological Laboratory	0.2
Suffolk County reimbursements	0.4
total of environmental orphans	8.4

BNL Helps NYS Grade-School Teachers Develop Integrated Math, Science Curricula

For six days this summer, 60 elementary school teachers from 21 school districts on Long Island, in New York City, and in upstate Orange and Ulster Counties learned science by performing experiments at the Lab. They were here as part of a statewide initiative known as MSTe, which is short for Integrating Mathematics, Science and Technology in the Elementary School, the purpose of which is to improve and integrate the teaching of mathematics, science and technology in New York State (NYS) elementary schools. Funded primarily by the National Science Foundation and, eventually, to include more than 1,200 teachers, the program is a multi-year collaborative effort involving the NYS Education Department, the State University of New York at Stony Brook, Hofstra University, and BNL. Once back within their school districts, MSTe teachers will share their insights from their on-site visit with teams of teachers.

MSTe participants involved in a hydroponics experiment are: (from left, clockwise) Myra Brand, Stratford Road School, Plainview; Nichole Kennedy, I.S. 334, Brooklyn; Ingrid Finch, P.S. 335, Brooklyn; Karl Swyler, Office of Educational Programs which coordinates the MSTe program; Kathy Haack, Westhampton Beach Elementary School; Henry Hahn, BNL; Carolyn Clark, Mount Sinai Middle School; and Lynn Marshall, Westhampton Beach Elementary School.



Roger Stoutenburgh

Students of the Summer of '98



Roger Stoutenburgh

Between June 8 and August 14, more than 60 undergraduates had their first hands-on experience building and performing science experiments under the guidance of research mentors — as a result of the 1998 summer student programs organized by BNL's Office of Educational Programs and funded by the following DOE programs: the Energy Research Undergraduate Laboratory Fellowship; the Hispanic Cooperative for Research and Education in Science, Engineering and Technology; and the Laboratory Research Program. These students gained this experience by working on, among other projects: building parts of the experiments planned for the Relativistic Heavy Ion Collider, analyzing stream water for the ES&H Services Division, and testing the efficacy of cocaine-inhibiting drugs in the Medical and Chemistry Departments.

Jeffrey Coderre (cont'd.)

eral months in 1975 and as a guest medical associate in 1976, earned his Ph.D. in chemistry at Yale University in 1981, with a thesis focused on what is called rational drug design. After working as a postdoctoral fellow in the Department of Biochemistry & Biophysics at the University of California, San Francisco, he joined Medical as an assistant scientist in 1986, primarily to develop compounds for selective targeting of cancer, including boronated compounds for use in BNCT.

Coderre's contributions are exemplified in four areas of achievement: First, together with other investigators, in developing a compound known as BPA as a capture agent for BNCT neutrons, he has shown that orally administered BPA is an effective agent for BNCT not only of brain tumors, but also, potentially, in the treatment of ocular melanoma in humans.

More importantly, he and Darrel Joel, now retired from Medical, were the first to demonstrate that BPA is avidly assimilated by malignant glioma cells. Extended studies indicated that curative BNCT could be accomplished using BPA without injuring normal brain tissue or disrupting the protective blood-brain barrier, and that BPA-based BNCT is significantly more effective than other such compounds.

In addition, other experiments conducted by Coderre have shown in animal tumor models that there is no clear advantage of treatment with a small dose given several times versus the whole dose given at one time — an observation that has important clinical implications.

Second, Coderre, working with

BNL Dance Club 1998-99 LESSON SCHEDULE*

TIME	SERIES 1	SERIES 2	SERIES 3	SERIES 4
Wednesdays	9/16-11/18/98 no class 9/30, 11/11	12/2/98-1/20/99 no class 11/25, 12/30	2/3-3/17/99	3/24-5/19/99 no class 3/31
5:30 p.m.	INTERNATIONAL rhumba & waltz REVIEW I & II	INTERNATIONAL rhumba & waltz III	INTERNATIONAL cha cha & fox trot III	INTERNATIONAL cha cha & fox trot IV
6:30 p.m.	AMERICAN peabody & tango I	AMERICAN peabody & tango II	INTERNATIONAL samba & Viennese waltz I	INTERNATIONAL samba & Viennese waltz II
7:30 p.m.	AMERICAN bolero & hustle REVIEW I & II	AMERICAN bolero & hustle III	AMERICAN bolero & hustle IV	AMERICAN bolero & hustle REVIEW III & IV

*Registration information will be published in next week's Bulletin.

BERA-Sponsored Bus Trip to the Bronx Zoo

BERA is organizing a bus trip to the Bronx Zoo, on Saturday, October 10. The bus will leave the Brookhaven Center at 9 a.m., with one extra pickup at LIE Exit 63 if requested, and leave the Zoo at 5 p.m. ZooVenture includes general admission, Zoo shuttle round-trip, Bengali Express Monorail, Skyfari Cable Car one way, Children's Zoo, Worlds of Darkness, World of Reptiles and Jungleworld. Purchase tickets, at \$27 per adult and \$24 per child, at the BERA Sales Office in Berkner Hall, Tuesday-Friday, 9 a.m. to 1:30 p.m. For more information, call Andrea Dehler, Ext. 3347, or M. Kay Dellimore, Ext. 2873.

Daniel Slatkin, now retired from Medical, showed that, when each tumor sample was examined microscopically to determine the fraction of tumor versus non-tumor cells in the sample, the boron-10 uptake in glioblastoma cells from different patients was uniformly related to the boron concentration in the blood. This finding has made it unnecessary for each BNCT patient to undergo pretherapy BPA biodistribution study, which has simplified clinical BNCT and made it more readily available to patients.

Third, Coderre has led experiments to establish data that have been successfully used in estimating radiation doses to various tissues in humans in the clinical BNCT trials at BNL. These values remain the foundation of what is known about the radiation biology of BNCT and are now being used by other centers conducting or planning to initiate clinical BNCT trials.

Fourth, working with the Normal Tissue Radiobiology Group of the University of Oxford, England, Coderre has worked on establishing the basic

information required on normal tissue tolerance and, in another study, has derived information important in estimating the doses to a patient's skin.

Also, while BNCT safely delivers doses in a single treatment, there may be a role for dividing up the dose as clinical BNCT develops. With a colleague, Coderre has shown that, in using the boron compounds BPA and BSH, there was no appreciable advantage to normal tissue in dividing the dose to give more than two treatments.

Among his honors, Coderre has received the 1994 Hatanaka Memorial Award from the International Society of Neutron Capture Therapy in Japan, and the 1990 Award for Excellence in Research presented by the Sydney Melonama Foundation, Australia. He received a Distinguished Alumnus Award from Southampton College in 1987, and he has won fellowships from the National Institutes of Health, 1983-84; Yale University, 1978-79; and was a Fulbright Scholar at the University of Iceland, 1975-76.

— Liz Seubert

NWS Open House

If you are one of those people who can't budge from the house without consulting the weather channel, then this open house is for you: On Saturday, September 19, from 1 p.m. to 5 p.m., the on-site Upton Weather Forecast Office of the National Weather Service (NWS) is opening its doors to the public to show off its modern facility, starting with a weather balloon launch at 1 p.m.

Interested weather-observers are urged to go to the open house early since the operating forecast facility is small. Tours will take place inside the facility every 15 minutes; however, there will be outside activities to supplement the tours.

The main BNL gate will have a map and a handout available, and, from noon onwards, traffic will be directed down Brookhaven Avenue.

Archery Club

The BERA Archery Club will hold its next monthly meeting at noon on Thursday, September 3, in the large Seminar Room, Physics, Bldg. 510. New members are always welcome.

For more information, call Bill Schoenig, Ext. 2377.

Arrivals & Departures

Arrivals	
Martin Candito Jr.....	AGS
Departures	
James J. Benson Jr.....	RHIC
Mary P. Ryan.....	Applied Science
James A. Hartling.....	Biology

Softball

Results reported as of August 21

League E1		League M1	
Magnuts	10-3	Gour-Mets	10-3
Phoubars	9-4	Happy Hour	8-3
Cobras	8-5	OER Wellheads	7-6
Blue Jays	6-7	Stingrays	5-8
Cleen Sweep	6-7		
Scram	0-13	League M2	
League E2		Here for the Beer	4-3
Hammerheads	10-4	Odd Sox	5-4
Mesocyclones	10-4	Skeleton Crew	5-4
Gas House Gorillas	9-4	Ten Samurai	0-9
		League E3	
CCD	8-6	Sure Fire	10-2
Rockets	8-6	Bombers	7-5
Hy Tech	5-9	Medical	5-7
Lights Out	3-11	Sultans of Swat	2-10
Phase Out	2-11		

Internet: <http://www.l2ball.bera.bnl.gov/>

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To Your Health

Water Aerobics

Eight weeks of in-water stretching and exercise classes will again be offered at the Lab pool, Bldg. 478, from 5:20 to 6:10 p.m., on Tuesdays and Thursdays. The first classes will be on September 8 and 10, respectively.

Sponsored by the Health Promotion Program of the Occupational Medicine Division, water aerobics classes are free, but participants must pay the pool fee of \$2 a session or show their season pool pass. Employees and their spouses may sign up for one or both classes by calling Mary Wood, Ext. 5923.

Quit-Smoking Workshop

A five-session quit-smoking workshop developed by the American Cancer Society and the American Lung Association starts at noon on Friday, September 11. All those interested in kicking the habit by employing behavior modification and positive reinforcement techniques are invited to attend.

The fee for employees who have not attended a previous on-site stop-smoking workshop is \$10; the workshop is free for those who have participated previously.

For more information and to register, call Health Promotion Specialist Mary Wood, Ext. 5923.

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>.

The following vacancies are exempt from the Director's hiring freeze.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

DD7867. OFFICE SERVICES POSITION - (part-time term appointment) - Requires an AAS degree or comparable experience in an office environment. Will assist RHIC Project administration staff in a variety of procurement-related functions, as well as provide general clerical support. A working knowledge of Lab policies and procedures is required, as are excellent communication skills. RHIC Project.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

DD7711. TECHNICAL POSITION - (term appointment, reposting) Requires an AAS degree in electro-mechanical technology or equivalent, and extensive experience in the installation, operation, repair and maintenance of vacuum systems. Experience necessary in the use, troubleshooting and repair of leak detectors, mechanical pumps, turbo molecular pumps, ion pumps, titanium pumps, cryopumps, residual-gas analyzers and vacuum gauges, and their associated controls. Extensive experience in the use of hand tools and electronic test instruments is required, as well as a working knowledge of PCS. Programmable logic controller (PLC) and/or machine shop experience a plus. Must have strong construction skills and the ability to work from drawings, schematics and verbal instructions. Alternating Gradient Synchrotron Department.

NS3226. ADMINISTRATIVE POSITION - Requires a bachelor's degree in engineering or business administration, and several years' experience in cost-estimating. Experience in estimating for environmental remediation and construction programs preferred. Excellent oral and written communication skills, and knowledge of program management and estimating software is also required. Environmental Restoration Division.

NS7480. P&GA SPECIALIST C (Quick Copy) - Under direct supervision and technical direction, carries out phases of the Laboratory's graphic arts work. Works from written or oral directions to execute tasks associated with printing, micrographics, word processing, illustration, bindery operation, composition, copy-machine operation, and delivery service. Performance of these duties requires knowledge of some phases of graphic arts. Information Services Division.

Ultimate Summer Sunday of 1998

Firehouse Featured This Sunday 8/30

If you wanted to be a firefighter when you grew up and/or have kids who still do, then come back to the Lab this Sunday for the ultimate Summer Sunday tour of 1998, when the Fire/Rescue Group opens the roll-up doors to the four bays to BNL's own firehouse, Bldg. 599, and the compartments of its various fire trucks for an inspection.

Built in 1985, the Lab's firehouse features include: a modern control room, from which firefighters maintain contact with the rest of the Lab; a tower for drying wet fire hoses, which is also used for ladder drills and rappelling training; a ten-Murphy-bed bunk room; a library and conference room; and an exercise room. Welcoming visitors to the firehouse is a gilded eagle statue, which originally stood in front of BNL's first firehouse on Railroad Street since 1941, when that structure served the U.S. Army's Camp Upton.

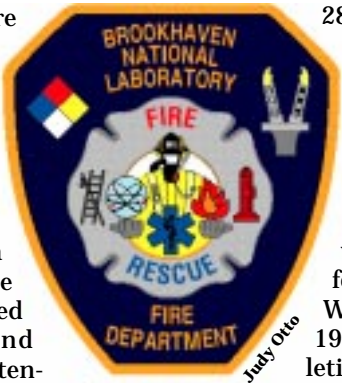
The firehouse's four bays house Fire/Rescue's two class A pumpers, its "stumpjumper" brushfire truck, its ambulance, the hazardous-materials (haz-mat) information trailer, and the chief's car. One of the features of Sunday's mini-tour will be demonstrations of how, using a laptop computer connected via an air bridge to the Internet, Chief James Roesler can access emergency information about the Lab while on the road or responding

at the scene.

On hand for the mini-tour will be Fire/Rescue's Red Shift, one of the three that staff the firehouse 24 hours a day. In addition to their everyday vigilance, response to on-site alarms and saving of employee lives (see Brookhaven Bulletin, March 28, 1997, and July 28, 1995),

BNL firefighters have distinguished themselves within the local community, through their service to the Town of Brookhaven. For instance, Lab firefighters were among those who fought the Rocky Point and Westhampton brushfires of 1995 (see Brookhaven Bulletin, September 1, 1995) and were the ones to answer haz-mat calls in Brookhaven Town while its fire companies were involved in TWA Flight 800 recovery work (see Brookhaven Bulletin, August 16, 1996).

Besides the mini-tour of the firehouse, Lab tourists may also take a guided bus trip around the site and participate in the Whiz Bang Science Show. Fun for children of all ages, this show is a lively interactive demonstration of basic scientific principles which will be presented at 10:30 a.m., noon, 1:30 p.m. and 3 p.m. in Berkner Hall. BNL's Summer Sunday tours run from 10 a.m. to 5 p.m., but visitors must arrive before 3 p.m. The tours are free and open to the public, and no reservations are needed.



No Bulletin Sept. 11

No Brookhaven Bulletin will be published on Friday, September 11, due to the Labor Day holiday on Monday, September 7. Therefore, to announce meetings, etc., that will take place during the week of September 14-18, submit information by noon today, August 28, for publication in the Bulletin of September 4.

The Weekly Calendar for the week of Monday, September 14, will appear as usual, with the deadline for submissions being 5 p.m. on Tuesday, September 8.

Vote for BWIS Officers

Brookhaven Women in Science (BWIS) members are encouraged to attend the BWIS Board meeting on Tuesday, September 1, at noon, in Room D, Berkner Hall, where members will meet the candidates and cast votes for BWIS's Executive Board for the 1998-99 fiscal year. Bring your lunch. Those who cannot attend may submit absentee ballots by August 28, to Vinita Ghosh, Bldg. 480.

Don't Look Now

The Safety Glasses Office, Bldg. T88, will be closed on Wednesday, September 2. It will be open as usual on the following Wednesday, September 9.