BROOKHAVEN BULLETIN
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BROOKHAVEN NATIONAL LABORATORY

The Practice of Occupational Medicine at BNL

A Sound Mind . . .

Since psychologist Judith Katsin started the Laboratory's Employee Assistance Program (EAP) in 1981, approximately one out of every nine employees has utilized the service. How is it working? How do employees feel about the program? Why do they use it? These questions and others were answered last summer, when about 500 employees were selected at random to participate in a survey about the EAP. Over half of the questionnaires were returned.

More than two-thirds of the 270 respondents indicated that they had heard about the EAP before taking the survey. And most appeared to know that the EAP was established by the Director's Office in 1981 to address the mental health needs of BNL employees. As written in the EAP policy statement, "Approximately 10% of any work force can be expected to experience mental health problems which interfere with job performance....The EAP seeks to provide the first step towards improved mental health and productivity for employees." The EAP is a branch of the Occupational Medicine Clinic, but it is located in another area and keeps separate records.

Other survey responses revealed that the majority of those surveyed know the EAP deals with emotional, marital, alcohol, family, job and drug related problems. But they were not as sure about other kinds of difficulties. The fact is, said Katsin, "We handle all problems. And if the problem warrants it, I'll make a referral."

In that same vein, 176 respondents knew that the EAP has a counselor, but only 106 knew the counselor's name and only 80 were sure of her qualifications. For the record, Katsin received her Ph.D. in clinical psychology from the California School of Professional Psychology in 1977, and has since been involved in a variety of counseling programs.

In this role, Katsin said, "I don't take a dictatorial approach to counseling. I just try to outline possible directions. I feel that people must take responsibility for changes in their own lives, but most people who want

(Continued on page 3)

Mort Rosen

Judith Katsin

In a Healthy Body

You had your physical at the Occupational Medicine Clinic when you were hired at the Lab, and now you have been notified that it is time for another one. While waiting to see one of the three physicians at the clinic, you wonder what they have time to do in addition to giving physicals.

"Performing physical examinations is one of our major functions," says Laura Sbarra, OMC director. "We did over 1900 physicals last year. It is our responsibility to make sure that everyone is able to do the job for which they were hired." As well as determining BNL employees' fitness for work, the Occupational Medicine Clinic personnel evaluate all occupational illness and injury, treat on-site medical emergencies, and provide occupational health and safety guidance to employees and management.

A physical is given to all employees within the first few weeks of beginning work, at intervals thereafter, and upon termination. "Our determination of employees' fitness for work depends upon the jobs for which they've been hired," says Sbarra. "The physical examination is the backbone of the occupational medicine program at the Lab. We have changed this examination by adding more laboratory studies, and preventive health care counseling; as a result, it takes us longer to examine all employees."

To handle the physicals, as well as over 10,000 out-patient visits a year, Sbarra relies on staff physicians Anthony LoCastro, who works full-time, and Khem Fatimi, who is employed part-time. When backlogged with physicals, the clinic employs consultant physicians. In addition, two staff nurses, Maureen Sacker and Camille Saville, assist in the delivery of care at the clinic. Office services are provided by Jackie Larrie and Patricia Vilardi.

To ensure that the medical evaluations of employees by different physicians are standardized, and that occupational health screening is properly scheduled, the clinic uses a computer, and programs developed by the Applied Mathematics Department. David McChesney of Medical assists with implementing and modifying this system. Sbarra assures that the information in this computer system is kept confidential, as are employee medical records.

"The hardest part of our job is not being able to care for all the medical problems of our employees," says the clinic director. "We do not have the staff to provide personal medical care as well as implement the employee health program. We will dispense medication or administer first aid to allow employees to finish their work day, but we must often ask that they see their private physicians or be sent home sick by their supervisors for short-term non-emergency, non-occupational illness and injury." Of the 10,000 plus visits to the clinic, about 80-90% are for non-occupational medical problems.

(Continued on page 2)

Mort Rosen

From left, Laura Sbarra, head of the Occupational Medicine Clinic, with Khem Fatimi and Anthony LoCastro, OMC physicians.

bnl Lecture
DNA Manipulation in Plants

Daniela Sciaky, Associate Geneticist, Biology Department, will describe in the next Brookhaven Lecture how a bacterium is used to introduce desirable foreign genes, such as disease resistance, into plants. Her lecture, "Crown Gall: A System for Genetic Engineering in Plants," will be given on January 18 at 4:30 p.m. in Berkner Hall.

Crown gall, a disease of dicotyledenous plants (e.g., beans, peas), is caused by the bacterium *Agrobacterium tumefaciens*. The disease is characterized by the appearance of a large overgrowth, or tumor, on the plant at the site of the infection. When the diseased plant cells are placed in tissue culture without the bacteria, the plant cells acquire new characteristics that are stable over many generations; a genetic change has occurred. The new characteristics enable the plant cells to grow without the hormones that normal plant tissue requires for growth in a petri dish; and the cells also produce new metabolites called opines. Thus, plant tissue derived from tumors is said to be transformed.

Mort Rosen

Daniela Sciaky displays crown gall tumors on plants in her laboratory.

The ability of *A. tumefaciens* to induce tumors is determined by the presence of a large plasmid (a circular piece of DNA) in the strain used to induce the tumor. A fraction of the tumor-inducing (Ti) plasmid is transferred from the bacterium to the plant cell. This transferred DNA, the T-DNA, is integrated into the nuclear DNA of the plant where it is expressed — a bacterium has been able to genetically engineer a plant. The next step, says Sciaky, is using DNA manipulation to understand how plant genes function.

Daniela Sciaky's doctoral thesis was on the mechanisms of tumor formation in plants, and she has been working in this area since her arrival at BNL in 1980. She received a Ph.D. in genetics from Washington State University, and spent three postdoctoral years at Cold Spring Harbor Laboratory where she worked on adenoviruses. She also holds a B.S. in biology from SUNY at Stony Brook.

The dinners which were held on site following Brookhaven Lectures have been discontinued. Instead, all those interested in getting together after the lecture are invited to go, with the lecturer, to a restaurant off site. If you would like to be part of this group, call George Latham on Ext. 3372.

Pediatrics in the Pacific

Once a year, a medical team assembled by the BNL Medical Department travels nearly halfway around the world to make pediatric house calls. Their young patients live in the Marshall Islands in the Pacific Ocean.

The BNL team, made up of Medical Department staff and outside collaborators, returned last month from their latest voyage. The pediatric mission is one part of a program which began in 1954 as medical surveillance of a population of 253 Marshallese exposed to radioactive fallout from a thermonuclear test on Bikini atoll, in the Marshall Islands. Now, however, about 1,500 persons are treated annually as the program's service component has expanded over the years to include primary medical care to many non-exposed Marshallese. Examinations and medical treatment during the pediatric mission are offered to children of both exposed and unexposed parents.

The Marshall Islands are made up of 29 coral atolls and five mountain topped islands. Thirty-five thousand Marshallese live on the islands, which are scattered across an area of 300,000 square miles.

(Continued on page 2)

Pediatrics (Cont'd)

The logistics of moving medical teams and supplies around the islands have always made medical practice there difficult. In the early years, transportation was by cargo ships that picked up copra and dropped off supplies. The ships were unreliable and dirty, and because of poor navigational equipment, they occasionally got lost at sea for a few days.

Eventually, the U.S. Army supplied an overhauled landing craft utility, which was equipped with medical facilities. And most recently, the teams have been using a chartered 125-foot boat set up to handle patients and outfitted with a dental office, x-ray equipment and various laboratories.

In port, the boat stays anchored in a lagoon. Dental patients are ferried on board, while the other children are examined on shore.

Dr. Fred Ferguson, an associate professor of pediatric dentistry in the School of Dental Medicine, SUNY Stony Brook, at work during BNL's recent pediatric medical trip to Rongelap atoll in the Marshall Islands.

Although the pediatric trip is made only once a year, in the fall, physicians visit the islands other times during the year and at the same time hold sick calls for the children. In the spring, a BNL medical team goes out to see adults, and a BNL physician in residence at nearby Kwajalein atoll routinely makes rounds.

When the physicans aren't there, health care on Rongelap and Utirik is dispensed out of clinics staffed by Marshallese health aides. Both islands now have airstrips, so emergency cases can be taken to a hospital on another island.

William Adams, who oversees BNL's Marshall Islands medical programs, says the general health of the children is good. For example, the prevalence of iron deficiency, as determined from voluntary testing during the recent trip, was about three percent, a figure which compares favorably with children of all ages in the U.S.

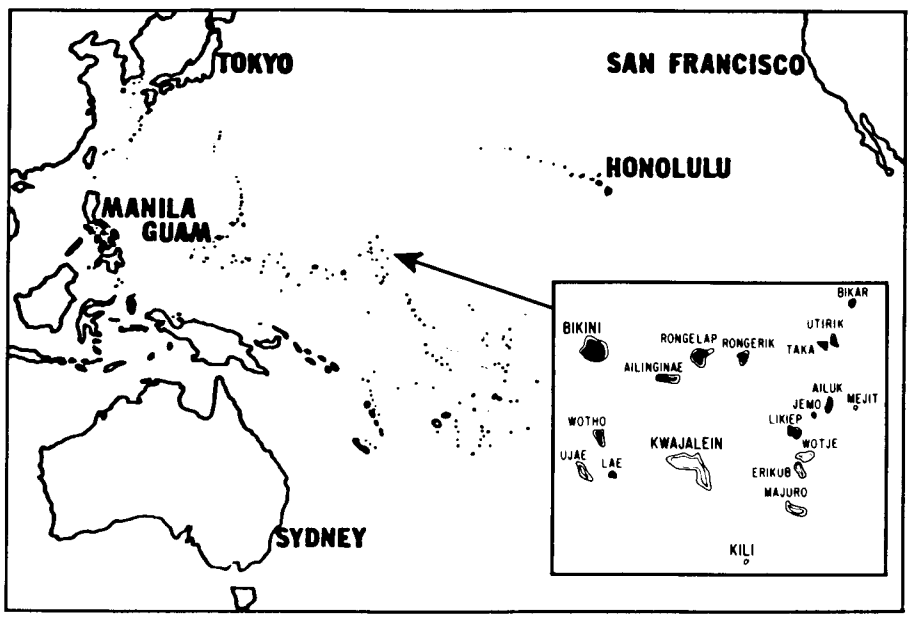
During the six-week trip, between 600-700 children were brought in to be examined. Most of the children were well. Of those children who were sick, most were found to have ailments commonly seen in the U.S. — skin and ear infections.

For the past three years, restorative dentistry has been offered to inhabitants of Rongelap and Utirik. On two visits, a pediatric dentist has been included, and this effort, plus a campaign of free toothbrushes, fluoride and education, has dramatically improved the dental health of the children.

All of the children get a year's supply of vitamins, and advice on nutrition and routine health care is dispensed to parents.

Adams says the BNL medical program succeeds because it offers continuity of care. In his experience, health care programs in other parts of the world don't always work. A hematologist with a degree in clinical medicine of the tropics, Adams has practiced in Nepal, Bangladesh and Viet Nam. "I've spent enough years in these countries to know that village medicine is often ineffective," he says. "In those places, I knew that when we left, that was the end of their medical care."

He adds that a unique advantage of the BNL program is the quality of the medical teams that are sent out to the islands. Adams recruits top medical specialists from all over the country. The adult care team this spring included medical specialists in hematology, gastroenterology, family practice, ophthalmology, nephrology, obstetrics and gynecology, and endocrinology. For the recent pediatrics trip, the team included two pediatricians, two general physicians, two dentists, two nurses, three lab technicians, two physician assistants and one x-ray technician.



The Marshall Islands are located near the equator in the central Pacific Ocean. BNL medical teams visit Kwajalein, Majuro, Rongelap and Utirik.

BNL regulars on the team are William Scott and Peter Heotis, in Medical. Scott has been with the Marshall Islands program since its beginning, handling the countless administrative tasks of a long distance program. As Adams says, Scott's long term association has been essential because the Marshallese have confidence in him, a factor so important in fostering rapport between patients and the medical team.

The same is true of Heotis. Out of the ten years he has been with BNL, he spent three of them living in Kwajalein as a lab technician and administrator out in the field.

Two Marshallese BNL employees are Jenuk Kabua and Helmer Emos, respectively the program's nurse and laboratory technician in the field. They assist the BNL resident physician and accompany the semiannual medical trips.

Over the years, friendships have developed between the Americans and the Marshallese. In the evenings after work, members of the team go ashore to chit chat with friends. On Sundays, they go to the local church, and then swim and picnic in the afternoon.

Aware of the islanders' isolation, the medical teams bring treats from the outside world. For example, they always take along movies. On this trip, "Sinbad the Sailor" and "Trapeze" were the featured flicks projected on buildings under the palm trees. Also, the group brought gifts of sports equipment, for the softball and volleyball games played with the islanders.

In spite of their isolation, though, Adams says "it's absolutely incorrect to think of the Marshallese as a naive population. In fact, they are reasonably sophisticated about many things. Certainly because of their 28-year association with BNL, they are probably more aware of modern medicine than many people in this country."

Recently, the Marshallese voted for a new political status. After approval of the United Nations, the U.S. trusteeship will end, and the islands will be known as the Republic of the Marshall Islands.

When that happens, one of the provisions of the new agreement is that the BNL medical care program will be turned over to the Marshallese government. —Mona S. Rowe

Day Care News

Just Kids (formerly Kids R Us), a full-service day care center now operating at the Middle Island Presbyterian Church, will soon be moving to a new building, just west of the church on Longwood Road.

For the benefit of BNL employees, Just Kids staff will describe their program at noon in Room B, Berkner Hall, on Monday, January 16.

Just Kids, which changed its name because of a challenge from the Toys R Us chain, serves children from six weeks of age to five years. About 60 children are now in the program in the care of a large professional staff. Hours are from 7:45 a.m. to 5:30 p.m., Monday through Friday; holidays follow the Laboratory's schedule. Those who cannot make the presentation and would like further information, may call the center at 924-0008.

Arrivals & Departures

Arrivals

James J. Phelan ..... Biology
Anita C. Wilton ..... Medical

Departures

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

Saswati Datta ..... Chemistry
Joanne D. Delise .... Sfgds. & E. Svcs.
Doris M. Franck ..... Chemistry
Douglas W. Gillette ..... Accelerator
Daniel A. Hagan ..... DAS
Madeline C. Kinney ..... Chemistry
Grace F. Owens ..... Director's Ofc.
Christian J. Razbornik .... Plant Eng.
Bryan A. Upshur ..... Applied Math

SSC Workshop

A workshop on Cryogenics for the Superconducting Super Collider (SSC) will be held at BNL on January 17, 18 and 19. This workshop is one in a series being held all over the U. S. to try and decide on the concepts to be included in such a machine.

Fundamentally, the SSC will be a higher energy CBA, with counter-rotating proton beams colliding in each of several experimental areas. The energy assumed for the conceptual studies is 20 TeV (20,000 GeV) in each beam. The CBA would have had beams of 400 GeV each. The magnets used to hold the beams in their orbits must be superconducting to make power costs acceptable. As this means that they must all be held at temperatures near absolute zero, an extensive cryogenic system is required.

It is not at all clear where the SSC might be built; depending on the field of the magnets used to bend the beams, its diameter would be somewhere between 15 and 40 miles. (At the longitude of BNL, Long Island is about 14 miles wide).

The plenary sessions will be held in Berkner Hall, but the five working groups will meet in the Collider Center (formerly the CBA Service Building). This is still in the final stages of construction and the workshop will be its inaugural use.

Historical Footnote

On January 14, 1784, Congress ratified the Peace Treaty with Great Britain.

Healthy Body (Cont'd)

Emergency services for accidents and acute illness are provided to all persons on site. "While we cannot duplicate all services of a hospital emergency room, we can provide preliminary treatment in medical emergencies," says Sbarra. The Fire/Rescue ambulance, staffed by EMTs, transports emergency victims either to the OMC, or to a local hospital emergency room.

Sbarra, a member of the American Occupational Medicine Association, meets with the Safety & Environmental Protection Division once a month to discuss occupational safety and health policy and programs. She also communicates regularly with management to develop employee health policies and programs, health care cost containment practices, disability and benefits procedures, and employee illness and injury protocols for supervisors. "Occupational medicine includes internal and preventive medicine, toxicology, radiation biology, and public health; it is my job to keep up in these fields, and apply this information to our situation at the Laboratory.

"Although I cannot take the place of employees' personal physicians, I often counsel employees seeking medical information and advice on work-related, and non-occupational health matters. I maintain an excellent relationship with the doctors in the area, so I can refer employees to the appropriate local physicians for their problems, or can act as an intermediary between employees and their physicians if requested by the employees." — Marsha Belford

Winner's Circle

John Skora, a technical supervisor at the NSLS, received a $500 award last week. He initiated the release of stockpiled materials (electronic, electrical and mechanical benchstock) from individuals into a central NSLS stockroom, for department-wide distribution. His suggestion resulted in significantly better utilization of facilities, materials and manpower.

John Barry, who just recently left DNE, received a $75 award. His suggestion to recycle styrofoam packing materials has resulted in significant cost savings in purchase of new materials.

PINY Courses

Registration for NU 601, Nuclear Engineering Lab, (instructor - David Rorer) will be held on Thursday, January 19 from 5 - 7 p.m. in the conference room of Bldg. 318 (across from the bank).

PINY is in the process of suspending its Nuclear Engineering graduate program, and is particularly anxious to learn which specific courses all currently enrolled students will require to complete their programs. Prof. Benenati will be on site during registration to discuss these specific needs with the students.

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BERNICE PETERSEN, Editor
MONA S. ROWE, Assistant Editor
ANITA COHEN, Reporter

35 BROOKHAVEN AVE., UPTON, N.Y. 11973
Telephone (516)282-2345

Way Over The Top

The BNL 1983-4 United Way Campaign exceeded its $60,000 goal by $1,601 with 33.25% of BNL employees taking part; participation was up from 24.71% during the 1982-3 fund drive. One hundred percent participation was achieved within AUI, Contracts & Procurement, Fiscal, and Technical Information.

"The campaign committee, and all of the campaign coordinators put in that extra effort that made our United Way campaign the success it was," says Roseann Callister, BNL United Way chair. "I think we had lots of enthusiasm this year, and pride in helping those who are less fortunate than ourselves." Callister thanks all who gave so generously.

More Scholarships

The AUI Trustees have added two additional scholarships to the twelve regular awards now given to children of BNL and NRAO employees. The new scholarships will be available on a competitive basis among applicants from the two laboratories, and will begin with the current program. For any further information, call the Office of Scientific Personnel, Ext. 3338.

Blood Count

During the BNL winter blood drive, a total of 441 employees registered to give blood, and 396 pints were donated. On the first day of the drive, Monday December 19, 198 pints were donated when 225 people checked in, but 27 were deferred. The same number of pints was contributed on Tuesday December 20 when 216 people signed up, and 198 were able to give.

Frank Federmann of AUI, William Rabatin of Plant Engineering, and Donald Sacker of Medical were the lucky donors who each won a $50 gift certificate for dinner for two at Savories Restaurant in Port Jefferson.

"Long Island Blood Services expected 350 pints, so they were thrilled to get 46 more," says Elaine Zukowski, BNL Blood Drive coordinator. "A lot of people who had agreed to donate blood had to cancel their appointments because of colds, which is understandable this time of year."

Sound Mind (Continued)

therapy don't know where to start. I'm in a position to evaluate therapists in the area. I try to get a sense of how different therapists work and what kind of clients they see, so I can tell who's going to mesh with whom when I make a referral."

Most of those surveyed knew that the EAP makes referrals to outside agencies, felt the EAP is a good idea, thought some of their co-workers might benefit from it, and said they would consider using the program themselves. And 34 respondents said they have already used the service. Most of those were self-referred and spoke to Katsin primarily about emotional problems.

Katsin said that the survey reflects what she has seen in her counseling. Since its inception, 365 people have used the EAP, and about 90% of them were self-referred. Katsin has categorized their problems, and her breakdown reveals that 42% of those who sought her advice discussed, primarily, emotional problems, such as depression. But offshoot problems, such as marital or job related, often came into the picture too. "There's a lot of overlapping in what people talk about," she explained.

This was also reflected in the survey, where the 34 people who had visited Katsin indicated they had discussed 59 problems in the course of their counseling. In other ways these 34 were also fairly representative of the larger group of survey respondents and of the Lab population as a whole. Most of them were men, in the 36-45 age group, white and married. But, by the same token, both sexes and all ages, ethnic groups and marital states were represented.

Of the 34 who used EAP, 27 said they felt "very positive" or "positive" about using the counselor, while 7 remained neutral. Thirty felt the counselor was helpful and 17 were referred to an outside agency. Eleven of those indicated they were satisfied with the referral. As to the future, 29 would use EAP again.

Only one of those who had used EAP had been concerned that his or her problem might be discussed with someone else. But that was a major concern of the entire group of respondents, 24 of whom said they would not consider seeking help for fear it might jeopardize their jobs. In reply, Katsin emphasized the confidentiality of the program. "My secretary, Linda Wasson, doesn't even have access to my records," Katsin said. "She maintains the strictest confidence about those who come to see me and honors their requests for anonymity. As for me, I've had people who didn't like what I said to them, but no one has ever complained that their confidence was betrayed. [Note: Even in summarizing these results, this reporter saw only statistical data and rewritten copies of comments.]

To dispel concerns about confidentiality and let people know more about EAP, Katsin has designed a pamphlet, soon to be distributed to all employees. The brochure, which is intended to complement the posters around site, features the jigsaw puzzle motif Katsin designed to launch the program. Up until now, most survey respondents felt that the greatest source of information about EAP had come from the Bulletin (152), followed by bulletin boards (98), the Occupational Medicine Clinic (76), supervisors (66), co-workers (60) and Personnel (55).

"The most valuable result of the survey was that it gave ideas about directions we need to pursue," said Katsin. In that regard, survey respondents also said they would like more information on other topics, such as alcoholism, weight control and smoking cessation. Some of those subjects will be covered by a program that Katsin is now formulating with Laura Sbarra, head of the Occupational Medicine Clinic. Planned as a monthly, lunchtime seminar series, the program is designed to promote health in the workplace. Katsin has also been working with Cory Ince of Personnel to create a supervisory training program on Effective Communications, designed to help supervisors communicate more effectively with employees.

But Katsin's primary concern will always remain employee counseling. The comments of those who have used EAP underscore this priority. "I personally feel the EAP is one of the most timely and important services available to employees," wrote one person. And another wrote, "It is a very good program to have and to help people with. I hope it continues. Dr. Katsin is a plus." —Anita Cohen

A Warm Reception

In 1983, 135 people could say they had worked 25, 30, or 35 years at the Lab. In December, the Lab invited them all to a party, together with spouses and colleagues. And, as usual, it was a happy occasion. For the record, 75 employees were celebrating their 25th anniversary, 26 their 30th and 34 their 35th.

—photos by Stoutenburgh

Credit Union Bonus

Teachers Federal Credit Union reports that they still have quite a number of "Adventures in Dining" coupon books on hand. Everyone who signed up for the Credit Union's Holiday Club is entitled to one of these booklets which enables you to get dinner for two, for the the price of one at many restaurants, and discounts at hotels. If you are eligible, stop in at the Credit Union office on site and pick up your copy.

PSI News

What is PSI? Come to a dinner meeting on January 16 at 6 p.m., Room C, Berkner Hall, and find out all about it. January has been designated Membership Information Month by Professional Secretaries International, and their programs will be described at this meeting. Dinner will be through the cafeteria line.

Equipment Demo

It was reported incorrectly last week that Lanier Business Products would demonstrate its new information appliances on January 6 and 13. Lanier representatives will be here on Monday, January 16, from 10 a.m. to 2 p.m. in Berkner Hall. The Lanier 1000, a multi-functional work-station for the the scientific community, will be featured.

Hispanic-American Society

BNL employees interested in Hispanic cultural or social activities are invited to attend the regular monthly meeting of the Society in Room D, Berkner Hall, on January 18 at 11:45 a.m. Plans for the Society's initial event will be discussed. For more information call Jose Medina, Ext. 7636, or Jose Sanchez, Ext. 7765.

NYC Train Trips

The Hospitality Committee-sponsored LIRR trips to New York City for 1984 are as follows:

	Wednesday	Saturday
January	18	28
February	1, 15, 29	25
March	7, 21	24
April	4, 18	14, 28
May	2, 16	12, 26
June	6, 20	16, 30
July	11, 18	7, 28
August	1, 15, 29	11, 25
September	5, 19	15, 29
October	3, 17, 31	13, 27
November	7, 21	17, 24
December	5, 19	8, 15

Wednesday trips: Tickets are $5.00 each for adults. Checks must be received no later than the Thursday preceding the trip and cancellations must be received no later than the Monday morning before the trip The train leaves the Patchogue LIRR station at 7:55 a.m.

Saturday trips: Tickets are $6.50 each for adults. Checks must be received no later than the Tuesday preceding the trip and cancellations must be received no later than the Thursday morning before the trip. The train leaves the Patchogue LIRR station at 8:31 a.m.

Additional Information:

— Children under five years of age ride free.

— Checks (or money orders) should be payable to BNL and mailed through the U.S. mail to Hospitality Committee, P.O. Box 322, Upton, New York 11973. Put your life number, telephone number, and date of the trip on your check. *Do not send cash.*

— Your ticket will be given to you on the train.

— If you fail to cancel on time, or if you miss the train, your money will *not* be refunded.

— If you are planning to board at another station, you must indicate this fact when sending in your fare.

WIS Reminder

Dr. Vera Sandomirsky Dunham will speak on "The Image of Women in Recent Russian Literature" on Thursday, January 19 in Berkner Hall, Room A. The meeting is scheduled from 5 - 8 p.m., and dinner will be through the cafeteria line.

Quilting Club

The Quilting Club will meet on Tuesday, January 24 from 9:30 a.m. to 11:30 a.m. in the lobby of the Brookhaven Center. Stenciling on fabric will be featured. New members are always welcome. For information, call Bernie Benz, 928-1068.

Cafeteria Menu

Week Ending January 20

Monday, January 16

Beef noodle soup	(cup)	.65
	(bowl)	.75
Western omelet & 1 veg.		1.85
London broil w/ mushroom gravy & 1 veg.		2.10
Hot Deli: French toasted ham & cheese		1.80

Tuesday, January 17

Chicken gumbo soup	(cup)	.65
	(bowl)	.75
Chicken quarter in mushroom & wine sauce w/ 1 veg.		1.90
Spanish macaroni & 1 veg.		1.85
Hot Deli: Italian beef sandwich	(bread)	1.95
	(roll)	2.10

Wednesday, January 18

Lentil soup	(cup)	.65
	(bowl)	.75
Swiss steak jardinere w/ 1 veg.		2.20
Ham & potato au gratin & 1 veg.		1.85
Hot Deli: Turkey breast	(bread)	1.95
	(roll)	2.10

Thursday, January 19

Turkey vegetable soup	(cup)	.65
	(bowl)	.75
Pork & cabbage crisp on white rice		1.95
Sauerbraten w/ potato pancake & red cabbage		2.30
Hot Deli: Corned beef	(bread)	1.85
	(roll)	2.00

Friday, January 20

New England clam chowder	(cup)	.65
	(bowl)	.75
Fish & shrimp Newburg on white rice		1.90
Hungarian noodle bake & 1 veg.		1.90
Hot Deli: Breaded fish fillet	(bread)	1.80
	(roll)	1.95

Bowling

White League

R. Eggert rolled a 208, M. Sheidet 184, P. Manzella 175, R. Sheehan 173, R. Flack 172.

Purple League

High games were bowled by J. Ferrante 239, K. Asselta 215, J. Vogel 202, J. Petro 202, J. Hassell 207, M. Belligan 197, K. Cody 182.

Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position, with consideration given to candidates in the following order of priority: (1) present employees within the department, with preference to those within the immediate work group; (2) present employees within the Laboratory as a whole; and (3) outside applicants. In keeping with the Affirmative Action plan, selection decisions are made without regard to age, race, color, religion, national origin, sex, handicap or veteran status.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all non-scientific staff positions; second, to give employees an opportunity to request consideration for themselves through Personnel; and, finally, for general recruiting purposes. Because of the priority preference policy stated above, each listing does not necessarily represent an opportunity for all candidates. As a guide to readers, the listings are grouped according to the anticipated area of recruitment.

Except when operational needs require otherwise, positions will remain open for one week following publication date.

For further information regarding a placement listing, contact the Personnel Placement Supervisor, Ext. 2882.

LABORATORY RECRUITMENT: Opportunities for present Laboratory employees.

1993. STAFF ENGINEER - Requires a bachelor's degree in engineering or equivalent experience in a related field and 2 - 5 years' ultra-vacuum experience. Will assist in the operation, maintenance and modification of the NSLS vacuum systems. Responsible for the coordination of work assignments of vacuum technicians and related record keeping. Will be involved with R&D vacuum work for current and future light sources. National Synchrotron Light Source Department.

OPEN RECRUITMENT: Opportunities for present Laboratory employees and ouside applicants.

1994. CLERICAL POSITION - Requires typing and excellent communications skills. Will function as receptionist in lobby of the HFBR and perform clerical duties. Reactor Division.

1995. CLERK TYPIST - Duties include typing, data entry, records maintenance and filing in the Property Management Section. Typing skills required and knowledge of terminal use helpful. Supply & Materiel Division.

1996. TECHNICAL POSITION - Requires AAS in electronic technology or equivalent and demonstrated experience with test equipment, troubleshooting and prototype wiring. Wire-wrap skills very desirable. Ability to work shifts necessary. Physics Department.

1997. TECHNICAL POSITION - Requires AAS degree in electronic technology or satisfactory completion of approved technical school and 1 - 2 years' experience maintaining digital equipment. Ability to work shifts necessary. Applied Mathematics Department.

Autos & Auto Supplies

73 FORD LTD - 9 pass. wagon, p/s, p/b, auto., am/fm track, good cond., best offer. Call 581-4318 after 6 p.m.

78 FAIRMONT - 2 dr., 4 spd., reliable transp., just inspected, $1500. 727-7387 eves. and wkends.

75 HONDA CB500T - very good cond., asking $600. 589-5126.

77 DODGE COLT - station wagon, auto., eng. rebuilt, body excel., asking $2,850. 589-5126.

78 CHEVY MALIBU WAGON - brown, p/b, p/s, am/fm, stereo, runs excel., $2475. Call 821-9280.

78 HONDA HOBBIT MOPED - very good cond., 100 mpg, 2 side baskets, only $275. 286-8448.

74 FORD PINTO - runs well, 4-speed, a/c, $400. Ext. 4047.

78 TOYOTA COROLLA - good cond., a/t, am/fm cassette, asking $2800. Call Pat, 4628 or 286-8490 after 6.

79 FORD FAIRMONT - a/t, p/s, a/c, excel. cond., $3495. Ext. 2525 or 567-1812, 669-4479 eves.

76 COUGAR - XR7, p/s, p/b, am/fm, immac. in and out, orig. owner, $2650. Ext. 2587 or 589-5755.

73 LINCOLN COUPE - loaded, excel. in and out, asking $2000. Call 654-5460.

72 VOLVO 144S - good mech. cond., very good body and interior, $800. Call 689-7946.

74 AUDI FOX - 2 dr., sunroof, am/fm, $1250. ext. 4609 or 472-0510.

TIRES - (2), Peerless sprint GT-L60-15, custom chrome Keystone rims, very good, 1/2 cost, $160. Ext. 5139 or 348-7884.

73 CHEV - surburban, 3/4 ton, $1000. 744-8167.

RIMS - (2), Ford/Merc, 14", 5 holes, $20. Tony, Ext. 3658.

73 OLDS CUTLASS - 89,000 mi, runs well, some rust, a/c, $600. Wolfgang, Ext. 4571 or 3107.

71 DODGE CORONET - 318 V8, a/t, p/s, a/c, 4 dr., runs well. 929-8381.

63 FORD GALAXIE 500 - new tires, exh. sys., 289 V8 manual trans., very good cond. Mike, Ext. 4988.

TIRES - (4), poly/steel radial, P195/75R14. Chris, Ext. 3919.

TIRES - Armstrong Norseman, 31x10.50 LT 15, new cond., on wagon wheel, 6 hole rims. 475-0831.

78 VW RABBIT - high mi., good mech. cond., best offer. Ext. 7668 or 878-1423 after 6.

75 VW - new eng., low mi., anxious to sell at $1350 or ?. Call Bill, Ext. 2378 or 924-3669.

PONTIAC SPORT RIMS - (4), with chrome lining and center, excel. cond., $75. Pete, Ext. 3075.

77 HONDA 750F - super sport, low mi., many extras, runs excel. Jim, Ext. 4095.

73 PLYMOUTH - 440 eng., excel., cond., reasonable price. Call 924-0960.

74 MUSTANG - V6, 4 spd., $1000. Dick, Ext. 7772.

73 VW BUG - excel. running cond., new front end, brakes, muffler, sys. $1200 firm. Carol, Ext. 2907 or 698-8510 eves.

72 VEGA - 327 eng., 4 bbl., 4 spd. M21, GT radials, custom dual exhausts, complete but needs work, price negotiable. M. Elzinga, Ext 2364 or 929-8944.

75 PLYMOUTH FURY - 4 dr., p/s, p/b, good running cond, 68,000 mi., best offer over $900. 427-7154 days or 724-5131 eves.

77 GREMLIN - 6 cyl., auto., $650. 281-8694 after 7.

72 DODGE SWINGER - 6 cyl. auto., p/s, 2 dr., good cond., $650. Rich, 727-7626 after 5:30 p.m.

68 VW - runs, $275; like-new radials $25 ea.; 69 VW for parts, $125. Bill, Ext. 4938.

70 CHEVY - 1 ton, stake body truck, dual wheels, 4 spd., $1050. Dick, Ext. 3499 or 589-9103.

64 PONTIAC GRAND PRIX - 389 c.i., auto., good cond., $250. Chris, Ext. 4133 or 698-9116.

79 HONDA CIVIC - 69,000 mi., auto., 2 doors, am radio, 8 track cass., excel. cond. Yvette, Ext. 5508 or 473-4672 (H).

SLIDE ON CAMPER - for 8' pickup bed, stove, sink, lights, dinette, cabinets, $450. 928-8709.

69 CHRYSLER NEWPORT - 4 dr., reg. gas, 383 eng., $550. Call Ext. 7737 or 288-2385. Ask for Lou.

79 280ZX COUPE - G.L. pack, 55K mi., excel., cond., $7800 firm. 736-3573.

82 TOYOTA - 4 x 4 SR5 Longbed pick-up, 15,000 mi., loaded, $8000. Russ, 928-1209 after 6 p.m.

TIRES - (4), steel belted with 4-lug mags, 14", P195/70SR. 584-7544.

69 GMC PICKUP - good running cond., $600. Call Bill, 286-8554 after 5 p.m.

GERMAN AUTO PARTS - wholesale prices on new parts for VW, Porsche, Audi, BMW, + MB. Augie, 289-4211.

75 VETTE - a/c, p/s, p/b, p/w, T-top, tru spokes, am/fm cassette stereo, excel. cond., asking $9000. Call 744-6892 eves.

RIMS - 3 15" 5 hole with tire. Call Artie Rosenka, Ext. 2957 or 924-3553 after 5:30 p.m.

TIRES - (2), used Goodyear tires with rims, size 78-13, $30. Ext. 5271.

76 CAPRI - 2300 cc., 4 spd., am/fm cass., very good cond., recently inspected, $1400. Ext. 3242 or 7192.

75 HONDA CVCC WAGON - 4-speed, roof rack, am/fm, asssette, runs good, body fair, 74,000 mi., $875. 289-9074.

LADDER RACK & WIRE SHELVES - from Bell Telephone Ford Van, $50. Ext. 4761.

78 OLDSMOBILE WAGON - 1981 eng., 9 passenger, completely unrusted, new tires; stereo, a/c, power, $3500. Ext. 3401 or 744-6229.

FREE - Pontiac 3 spd. auto. trans., turbo 350. Come and get it. Call 475-8440.

Miscellaneous

ORGAN - Hammond Sounder, electronic rhythm section, $200. Lou, Ext. 4369 or 277-2671 after 6 p.m.

ALPINE DAIRY GOATS - (2), registered, excel. milkers, mild mannered, must sell. 363-2736.

CONTENTS OF 3-BDRM. HOUSE - Call Doug, 924-8224.

HAM RADIO - 2 mtr. transceiver, Clegg FM-278, crystiplexer freq. control, 25 w. out. with pwr. supply. Gene, Ext 4261.

DRESSER - maple finish, 33 x 48 x 20, 5 drawer, $25; dresser, maple finish, 54 x 20 x 34, 6 drawer. Joyce, Ext. 3801 or 289-5770 after 6 p.m.

BED - extra long, box spring and mattress, $65; men's hiking boots, Raichle, 10 M, $25. 473-3604.

PIANO - upright, fair but playable cond. $275. Chip, Ext. 2256 or 928-5836.

12 PLACE SETTING STONE WARE - Pfaltzgraff Yorktown, over 30 extra pieces, $250. 325-0563 after 3 p.m.

TENNIS RACQUET - head pro., 4½ L., as new, best offer; ice skates, girl's 13, new, $10. Gail, Ext. 3338.

COLOR TV - sharp 19", $200; toaster, $10; fan, $20. Call Yvette, Ext. 5508 or 473-4672 (H).

RACER MATE - bicycle training stand and wind simulator, pro model, $110. Marsha, Ext. 3327.

SLR AUTOREFLEX T3 KONICA - collectors camera, very good cond., body only, $100. 286-8448.

CALIF. REDWOOD HOTTUB - 7 ft., complete VacPack heating and filter system, $1500. 758-9150.

ORGAN - conn prelude with leslie, full double manual and bass, walnut cabinet, $375. Jack, Ext. 4722.

STEREO DYNACO - fM-3 tuner, pat-4, preamp, stereo to amplifier, $65. 286-2788.

WORKOUT BENCH - $50; bar bell (free weights) set up to 110 lbs, $25; trampoline, new, $25; all equipment new. 758-9150.

SINK AND CABINET - marbelized, black/gold, cabinet 35x36"; sink, 21½x22⅜; height 31", never used, $150. L. Kopp, Ext. 2265.

STEREO AMPLIFIER-RECEIVER - Pioneer 5x636, $90; dresser, colonial style, maple, 50"Lx18"W x30H, $100. Ext. 2041.

FIREPLACE ENCLOSURE - Quality Brass Glassmaster with screen, good cond., standard opening, $150. 744-4611 after 6 p.m.

BOOKS - like new, DP11 Intro. Computing, CH/40402 Critical Thinking. Cathy, Ext. 4093 or 732-6262.

COLONIAL LOVE SEAT & ROCKER/RECLINER -excel. cond., $150 for both. 689-7946.

IBM ELEC. TYPEWRITER - forced air heater, antique grindstone. Ext. 3688.

CITRUS FRUIT - Temple oranges, $8/box; pink grapefruit, $7.50/box. Order now for delivery Feb. 13. G. Price, Ext. 3336.

MEN'S SNOWMOBILE SUIT - medium, blue, $35. Frank, Ext. 2022 or 399-4480.

CIGARETTE MACHINE - 30 selections, electric, $200; beer taps, hand pump type, new barrel type, $25. George, Ext. 2022.

REFRIGERATOR - 6 ft. tall, white, excel. cond., freezer compartment. Call Roy, Ext. 4664 or 331-2401.

WATERBED - king size, with heater, $100. Call J. Nolan, Ext. 3084 or 744-1234 after 6 p.m.

ORGAN - Hammond Sounder, electronic rhythm section, excel. cond., $250; brass tea cart, $30; Danish modern lounge, sleeps two plus corner table, $60; Ben Franklin stove, wood or coal, $75. 758-7365.

EXOTIC SEASHELLS - from all parts of the world. Whitey, Ext. 2913, Bldg. 197B.

ART - A. CALDER - litho No. 430F75 "Double Face," framed, signed with authenticity, $1900. Ext. 5139 or 348-7884.

4 DRAWERS CHEST - $30; sled, $10, 2 boxes records, 45 & 33 speed, both $20. Martha, Ext. 7655.

FIREPLACE INSERT - "Scandia" by Franklin Stove, very efficient, circulating fan, like new, $250. 878-0164.

60" VANITY - white marble formica top, beige sink, faucet, medicine cabinet, accessories, excel. cond., $125. 331-1638 after 6:30 p.m.

SKI BOOTS - Nordica, size 13, $75. 472-0499 after 5:30 p.m.

SKIS - 170 cm Cobia, bindings, boots, men's 10½, poles and safety straps, good cond., $65. 727-7626.

ENTERTAINMENT CENTER - Magnavox, 25", b&w TV, stereo, phono, 53" Danish modern cabinet $50. 473-1456.

COLOR TV - 19", sharp, excel. cond., $100. Ext. 4047.

ATARI 2600 CARTRIDGES - skiing, missile command, football, Raiders of the Lost Ark, $8 ea. Call Ext. 3604 or 878-0516 after 6 p.m.

CORDLESS PHONE - 2 way intercom system, 700' range, like new, $50. 744-1081 after 3:00 p.m.

FRANKLIN WOOD STOVE - $100. Ext. 4312.

DOUBLE BED - $40; bunk beds, $50. Ext. 3180.

WOOD LATHE MOTOR & ARBOR - good shape, $100. Bob Drew, Ext. 3575.

Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, creed or national origin of the applicant.

For Sale

BLUE POINT - 2, 3 acres with renovated home, large barn, irrigated vegetable garden, solar panels, much more, $159,000. Ext. 3688.

BROOKHAVEN HAMLET - 4 bdrm split-level, 2 car attached garage, excel., cond., rec room w/fp, oak floors, city water, walk to schools, privacy on wooded 1.25 acres. Call 286-0436 for appt.

DORLOO, NEW YORK - 6 wooded acres with a 30' trailer, stream and pond, access to power water, sewage, telephone, yr. round access, excel. hunting. 744-4047, 6-10 p.m.

For Rent

SOUTHHAVEN - Montauk Hwy., 8 rms., 4 bdrms., 1½ baths, 5 min. to Lab. Call 286-0528.

SETAUKET - 2-room apt., private entrance, utilities incl., walk to SUNY. Mike, Ext. 2242.

MIDDLE ISLAND STUDIO - furnished, immac., $325 incl. all, 7 min. to Lab, immed. occupancy. 924-5076.

SHIRLEY - 4 bdrms., kitchen, dining room, living room, 1½ baths, utility room, storage rm., young home, 10 min. to Lab, discount price $650 plus utilities. Call 281-5605.

3-VILLAGE SCHOOL DISTRICT - 4 bdrm. colonial, 2-car garage, washer/dryer, gas heat. $800/mo. plus util., available immed. Ext. 4094 or 751-6575 evenings.

Car Pools

HUNTINGTON STATION - HUNTINGTON - 8:30-5:00, 4 drivers seeking a 5th. Call Tony, Ext. 7214 or Herb, Ext. 3611.

Lost & Found

LOST - man's gold bracelet between Bank & AGS. Stan, Ext. 2951.

FOUND - Casio jogging watch. Kurt, Ext. 4116.

Wanted

USED PIANO - console, Spinet or upright. Ext. 7234 or 924-0092.

TRAINS - Lionel, American Flyer, accessories, any cond., brings good price., Carole, Ext. 3362 or 924-4097 evenings.

REFRACTOMETER - hand held; also optical pyrometer; accessories for shopsmith. Call Ext. 4058 or 286-0436.

ICE SKATES - woman's size 5 or 5½, 8-ft. self standing ladder. Liz, Ext. 2082.

CHILD - to join a competent and loving daycar situation at our house, full time starting late Feb. 744-1206.

WOMAN TO MIND CHILD - (2½ yrs. old), in her home. For details, call Till, Ext. 3525 or 744-9596.

HOUSEMATE - in Wading River, 5-bdrm. co-ed house, beautiful locale; l/r, f/p, 2 baths, ½ mi. walk to shore, $140/mo. + util., immed. occup. Call Ruth, Ext. 3007.

OUTDATED CALENDARS - pictures to be used as a teaching aid for a handicapped child. Forward to Edy Thornhill, Bldg. 460.

Classified Ad Policy Deadline is 4:30 p.m. Friday for publication Friday of the next week.