BROOKHAVEN BULLETIN
Vol. 44 - No. 24 June 15, 1990
BROOKHAVEN NATIONAL LABORATORY

Tiger Report Made Public

The U.S. Department of Energy (DOE) has made public the final results of a "Tiger Team" assessment conducted at BNL between March 26 and April 27.

A copy of the report, generated in the final week of the team's visit to BNL, is available at the Research Library, Bldg. 477.

BNL has sent comments on the report to DOE and is also developing an action plan to address problem areas that are described in the document.

The Tiger Team's findings will be summarized in a future issue of the Bulletin.

Check Out the 'New' Research Library

As will be demonstrated at next week's Book Fair Plus (see box, page 2) and in the coming months, BNL's Technical Information Division (TID) is entering the information age — led by TID Manager Diane Mirvis, with the aid of the computer and guidance from the independent Research Library Advisory Committee.

"Accessible, up-to-date information is vital for research," states Physicist Gwyn Williams, National Synchrotron Light Source Department, who chairs the committee, which was appointed by BNL Deputy Directory Martin Blume last December.

"Therefore," adds Williams, "Diane and the committee have shared a common goal — to revitalize BNL's library system, so it can be used to increase scientific productivity and thereby reassume its vital position within the Lab."

As a result of this collaboration, specific recommendations were presented to Blume for updating, maintaining, securing and accessing information in whatever form it takes — whether printed or electronic books, journals and reports, located on or off Brookhaven's site.

"All the books at BNL — whether found in the Research Library, in one of the 18 branch libraries, or on a desk — are part of the library system at BNL," explains Williams, "and it is the computer that makes it possible for us to access such a distributed library of books and to enter the information age."

Initiating the automation of the library system, Mirvis, whose own experience includes responsibility for the on-line information system of a Newhouse newspaper, worked with Arthur Harris, Sharon Spark and others within the Computing & Communications Division (CCD). Systems Specialist Betsy Schwartz was added to the TID staff to implement the

(Continued on page 2)

Roger Stoutenburgh

Members of the Research Library Advisory Committee: (from left) Peter Yamin, Chairman Gwyn Williams, Sid Kahana and Joanna Fowler, with Diane Mirvis, Manager of the Technical Information Division. Missing committee members are: Alan Bieber Jr., Benjamin Burr, Louise Hanson, Arthur Harris and Prantika Som.

Second Psychologist On EAP Staff

With the addition of staff psychologist Donna Friedman, Brookhaven employees now have the choice between two Employee Assistance Program (EAP) clinical psychologists with whom they may discuss their personal and interpersonal problems.

EAP is an on-site, mental-health service established in 1981 to help employees with problems that may be affecting their work. In addition to addressing emotional, social, marital and family difficulties, EAP helps employees troubled with drug or alcohol abuse.

Peter Horton

Donna Friedman

Managed by clinical psychologist Joseph Gisondo as part of BNL's Occupational Medicine Clinic, EAP offers free, confidential, short-term counseling for employees as needed, and it refers those with continuing problems to outside practitioners, groups and treatment programs.

Though Friedman joined the EAP staff as a part-timer on May 15, she has been working as an EAP consultant since September 1988 and a private practitioner to whom BNL employees have been referred — so she is familiar with Brookhaven's work force.

Donna Friedman earned her Ph.D. in clinical psychology from St. John's University, New York, in 1985. For her clinical internship, 1984-85, she worked at the Pederson-Krag Institute, Huntington, where she later served as a staff psychologist, 1985-

(Continued on page 3)

BNL Lecture: Micromechanics — Great Expectations, Scientific Realities

In the emerging field of micromechanics, scientists are designing and analyzing micron-size machines to perform many of the same functions as their larger counterparts now used in everyday life.

Many of the micromechanical machines that scientists are now developing are less than 100 microns wide — about the diameter of a human hair. What can be done with a motor that minute or a micromanipulator that tiny?

No one really knows yet. But ideas seriously proposed at the 1990 Institute of Electrical and Electronics Engineers conference on micro-electromechanical systems included motorized devices to travel through the bloodstream to clean out plaque and medical instruments to facilitate delicate eye surgery.

At BNL, one scientist working in this field is John Warren, Instrumentation Division. He will talk about "Micromechanics: Great Expectations, Scientific Realities," when he delivers the 261st Brookhaven Lecture on Wednesday, June 20, at 4 p.m., in Berkner Hall. His lecture will be introduced by Veljko Radeka, Head of the Instrumentation Division.

As Warren will describe, the methods used to manufacture micro-devices closely parallel those used to make integrated circuits, and many scientists hope that, one day, they will also be as cheap and as ubiquitous.

Nevertheless, many problems remain to be solved before micromachines see widespread use. As the size of the devices is scaled down, Warren will relate, physical properties such as friction that are dependent on the relative surface area of micromachines tend to affect their behavior to a far greater degree than is the case with their macro-size counterparts.

To address such problems, Warren is manufacturing micro-devices and examining them with the scanning electron microscope. The most important aspect of his work is the development of manufacturing techniques that can be applied to many experimental efforts at BNL.

For example, Warren will describe a grating manufactured by these methods to study the use of lasers to accelerate electrons at BNL's Accelerator Test Facility. Other projects include the development of a grating to study the Smith-Purcell effect, the production of photons by electrons skimming over a metallic surface, and the development of a textured surface containing millions of tiny field emitters that could be used as a very high-brightness source of electrons in future accelerators.

Though it is too soon to tell whether micro-machines themselves will become important in the future, as Warren will conclude, the methods used to make them will surely see widespread use in many areas of accelerator technology and electron optics.

John Warren earned his bachelor's of engineering from Cornell University in 1967 and his master's of engineering from the University of Florida in 1969, both in materials science. After a three-year stint in the U.S. Army, he returned to Florida in 1971 to pursue his Ph.D. in materials science, which he obtained in 1976.

Following a year at Philips Electronic Instruments in New Jersey, Warren came to BNL in 1977 as an associate scientist in the Instrumentation Division. Named a BNL scientist in 1985, he currently holds a joint appointment in the Department of Materials Science and Engineering at the State University of New York at Stony Brook.

A member of the Materials Research Society, the International Society for Optical Engineering and the Electron Microscopy Society of America, Warren is also on the editorial board of the *Journal of Industrial Metrology*.

After the lecture, those attending are invited to join the speaker for discussion and hors d'oeuvres. Those interested in also joining the lecturer for dinner at a restaurant off site should call Graham Smith, Ext. 4253.

Roger Stoutenburgh

John Warren

Testing — Horizontally and Vertically

Roger Stoutenburgh

The Magnet Test Group (MTG) within the Magnet Division of the Accelerator Development Department performs quality assurance tests on the superconducting magnets designed for both BNL's proposed Relativistic Heavy Ion Collider (RHIC) and the nation's Superconducting Super Collider (SSC).

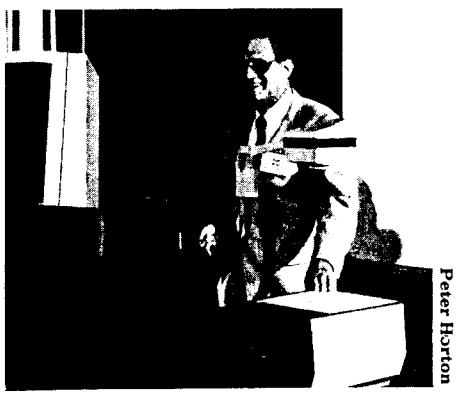
During the tests, the group determines whether each magnet will reach the design magnetic field, and if the magnetic field has the designed shape. Short magnets up to 4.5 meters are tested hanging vertically; larger magnets are supported horizontally. A test takes up to four weeks to complete.

Having vertically or horizontally tested about 50 SSC and RHIC magnets in Bldg. 902, the group, headed by Peter Wanderer, realized they needed new equipment and more space, as the number and complexity of magnet tests is increasing. So, two, new identical control rooms were designed — one for vertical, one for horizontal testing.

The work was carried out by Sebastin DiMaiuta, Brian Karpin, Robert McCarthy, John McNeil, Paul Ribaudo, Andrew Saurwald, Andre Sollowen, and Thomas Nolan, of the Magnet Division's Electrical Group (EG), headed by George Ganetis.

Seen in the horizontal-testing control room, Paul Ribaudo (standing), EG, and Edwin Casanas, MTG, check a monitor (top right) for the status of a magnet being tested. Below the monitor is the workstation that controls the actual testing. George Cornish and Thomas Wild, MTG, adapted existing software to take advantage of the workstation's window environment, which allows the status of several complex control programs to be displayed simultaneously. To the left of the monitor is another displaying the status of the power supplies used for the tests.

Support for Computer Users



Peter Horton

Participants discussed training for computer users, on-line documentation, help disks and other elements of the interactions between computers and users at the U.S. Department of Energy's (DOE) Computer Consultants Conference BNL June 5-7. Kurt Fuchel (above) manager of user support services for BNL's Computing and Communications Division, chaired the conference, which covered all aspects of user support services for representatives of 18 DOE-supported or operated computer centers around the country.

Research Library (cont'd)

computerization and guide systems expansion for the Division.

Since coming to BNL last August, Schwartz, who holds a bachelor's in computer science and a master's of library science, has been developing INFORM, an easy-to-use, menu-driven computerized catalog of BNL's books and journals, and BNL reports.

Based on text-management software called BASIS, the INFORM system is used to keep circulation records; it then uses those records to track the borrowing needs of the library's 8,100 staff and guest users.

INFORM also contains the most current two-weeks worth of on-line *Current Contents*, a printed and electronic publication containing the tables of contents from the world's most important scientific and technical journals.

The library software is run on a 785 VAX computer, which is located in CCD, Bldg. 515, and was obtained this April for the library's information system.

Since INFORM came on-line, library users no longer must go to the Research Library to use the card catalog — INFORM can be accessed from any terminal connected via modem to BNL's computer cluster. Replaced by two library terminals, the card catalog has been retired and will be removed from the library this summer.

Besides INFORM, other electronic additions to the library have been data bases on compact discs (CD-ROMs). The library staff has also been working with Pro-Cite, a software package that gathers citations and produces correctly formatted bibliographies. And, several new data bases have been added for on-line literature searches, including the Congressional alert service called Legi-slate.

So, after reaffirming that the central Research Library in Bldg. 477 should use the computer to enter the information age, the Research Library Advisory Committee also decided that the library itself and its more traditional form of information — books — should not be left behind.

Therefore, the Research Library is now open and staffed seven-days a week: 8:30 a.m. to 9 p.m. weekdays, and 10 a.m. to 6 p.m. weekends.

At other times, the building is locked to prevent collection losses, but library users may call BNL's Police Group from a newly installed telephone outside the rear door of Bldg. 477 to request access.

Also to prevent losses, a security system — much like what readers find in local public libraries — will be installed. With the books secured and acquisitions automated, TID will resume purchasing new books — but directly from the publisher using a credit card, so the books may be delivered quicker.

Old, outdated books will be pulled from the shelves to make room for the renewed core collection. A subcommittee is being set up to recommend books to be purchased for the core collection.

So printed materials may be borrowed by more library users, books now out on indefinite loan are being recalled, and a two-week loan period will be instituted soon. Other library improvements include new photocopiers at the Reference Library; in the works is a faster way to get interlibrary loans.

"The TID staff has worked very hard to automate traditional services and implement new ones," explains Mirvis. A new reference librarian is being recruited, expected to have an undergraduate degree in physics or chemistry, as well as a graduate degree in library science and experience in developing scientific library collections.

"My staff has been instrumental in their efforts to transform TID into an information system," concludes Mirvis. "Our users have been demanding the change, and, working with the committee, we are happy to provide better information services — because the library system belongs to the scientific community."

— Marsha Belford

Cooking Exchange Picnic Lunch

The Cooking Exchange welcomes all women to a picnic lunch on Wednesday, June 20, at noon, at the Recreation Building in the apartment area. Newcomers to BNL are especially urged to get acquainted.

All those attending should bring lunch for themselves and their children. Dessert and beverages will be provided by the Cooking Exchange. A donation of 50¢ per person is requested to cover expenses. Babysitting will be provided at 50¢ per child. For more information, please call Ruth Ann Orehotsky, Ext. 3098.

Book Fair Plus

Last year, the Technical Information Division (TID) entitled it their first annual Book Fair — a day to browse through the pages of the latest scientific, technical and professional books hot off the presses of leading publishers, and then to cast votes for the books that should be purchased for BNL's Research Library.

This year, the Technical Information Division is repeating that successful event — plus more.

Billed as Book Fair Plus, the day is Tuesday, June 19. From 10 a.m. to 3 p.m. in Berkner Hall, book afficionados and on-line information buffs are invited not only to be literary critics, but also to review what the newly revised Research Library (see accompanying story) has to offer now and in the near future in the way of computerized information services.

For the book portion of Book Fair Plus, the publishers that will display titles include: Academic Press, Addison-Wesley, American Institute of Physics, Gordon and Breach, IEEE Press, Krieger Publications, McGraw-Hill, Oxford University Press, Pergamon Press, Plenum Publishing, and John Wiley & Sons. Organizers of the event are librarians Doris Alkes and Harriet Martin, TID.

For the "plus" half of Book Fair Plus, the Research Library staff will demonstrate INFORM, BNL's computerized book, journal and BNL report catalog; on-line literature searching, featuring DIALOG; index and abstract searching on read-only-memory compact discs (CD-ROMs); and Pro-Cite, a citation-management program, which runs on IBM and Apple Macintosh computers.

A DIALOG representative will be on hand performing literature searches, which then can be loaded into Pro-Cite to generate bibliographies.

At Book Fair Plus, on-line information buffs will learn that their literature searches may begin with a look at the CD-ROMs available for perusal at the Research Library without charge. The CD-ROMs to be featured at Book Fair Plus are: SciTech Plus; two CASSIS/CD-ROMs, one containing bibliographies of patents from 1969 to present, the other having patent classification files; Computer Library; and Medline.

"So, whatever your interest in the Research Library may be — books or computerized information services — you may research it at Book Fair Plus," concludes Martin. — M.B.

Roger Stoutenburgh

Book Fair Plus organizers (back row, second from left) Doris Alkes and (front row, center) Harriet Martin with some browsers at the first annual event last year.

Hams to Have a Field Day

During the weekend of June 23 and 24, one of the Lab's softball fields will be turned into an emergency communications center, complete with 40-foot towers, antennas, transmitters and laptop computers. The event will be a 24-hour field day, in which BNL's Amateur Radio Club and the Suffolk County Radio Club will compete with hundreds of thousands of ham operators across the North American continent, to test their skills in emergency communication in the field. In their honor, Brookhaven Town has proclaimed June 18-24 Amateur Radio Week.

The field day is open to the public on Saturday, June 23, from 2 p.m. to 6 p.m., and on Sunday, June 24, from 9 a.m. to 2 p.m. Employees and their families are welcome to attend the event and watch how radio communications are practiced under emergency conditions.

One rule of the contest is that only portable and emergency power sources may be used. According to Andrew Feldman, president of the Lab's radio club, a unique part of the field exercise at BNL will be the use of renewable energy sources — a wind turbine and solar panels — to power their equipment. Says Feldman, "Because both clubs like to experiment, we thought we would do something different by using renewable energy. After all, disasters often result in no available commercial power, and the primary objective of the field day is to practice and perfect emergency communications skills in less-than-desirable settings."

The contest will be judged on point accumulation, with points scored for every contact made. The renewable energy sources are worth bonus points.

Underlying the entire exercise, of course, is a test of the skills of ham operators — proficiency in receiving and transmitting in Morse code, voice communication under poor conditions, and an intimate knowledge of their equipment.

Alive and Well . . . And Donating in Upton

Joan Depken, an executive secretary with O-positive blood in the Alternating Gradient Synchrotron Department, and Richard Sautkulis, an associate with A-positive blood in the Biology Department, are living proof that donating blood is not only good for other people — it is also good for you.

Roger Stoutenburgh

Joan Depken and Richard Sautkulis

"It is a good thing to do, so it makes me feel good," says Sautkulis, who finished donating his seventh gallon of blood during the winter BNL Blood Drive. "I began donating during my first year in college, in 1965 — it was like voting and driving, a very grown-up, responsible thing to do."

Depken, too, began her donations during her first year in college, in 1952. "I came of age and I could do it, so why not? It is an easy way to help other people." She just received her two-gallon pin, also as a result of the last BNL drive. "Though I've given much more," she says, "this is all I've documented because I kept misplacing the blood-donor cards."

Both these blood donors give during almost every BNL Blood Drive, as well as in between. "Most people who don't give are mad at the Red Cross, or think they don't have the time, or think that they don't need to do it," reports Sautkulis, who is the Biology blood drive captain. "Unfortunately, they're wrong, but they still won't give."

"Or they are scared of pain or of getting AIDS," adds Depken, who was a blood drive captain in the past. "But it doesn't hurt, and you can't get AIDS from giving blood."

To meet these two donors and others just like them, call Susan Foster, Blood Drive Chair, Ext. 2888, to make an appointment to give blood during BNL's upcoming Blood Drive on June 19, 20 and 21.

BROOKHAVEN BULLETIN

Published weekly
by the Public Affairs Office
for the employees of
BROOKHAVEN NATIONAL LABORATORY

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Inside Info

Gertrude Scharff-Goldhaber, the first woman Ph.D. physicist appointed to the BNL staff and now a research collaborator in the Physics Department, was one of four women scientists who received the annual Outstanding Women Scientists Award from the Metropolitan New York Chapter of the Association for Women in Science (AWIS).

Scharff-Goldhaber was honored with this award for her scientific contributions, as well as her support and encouragement of women in the sciences.

On Thursday, June 14, at an AWIS reception at the New York Academy of Sciences, Scharff-Goldhaber was introduced by Chemist Louise Hanson of BNL's Department of Applied Science and presented with an engraved cup. BNL Senior Geneticist Jane Setlow, Biology Department, was honored with the same award in 1984.

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Robert Bari, Deputy Chairman of BNL's Department of Nuclear Energy, was elected a fellow of the American Nuclear Society (ANS) during the spring meeting of its board of directors.

In being elevated to the Society's highest membership grade, Bari was cited "for his outstanding contributions to nuclear reactor safety, particularly in development and application of probabilistic risk assessment techniques, and in the analysis of LWR and LMFBR severe accidents."

Along with three other newly elected fellows, Bari was honored at an ANS awards luncheon on June 12.

An international, not-for-profit scientific and educational organization founded in 1954, ANS has about 16,000 members at present, including about 450 fellows.

Arrivals & Departures

Arrivals

Shakti Kumar Unny.....Biology

Departures

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

Michael P. Barrett.....Plant Eng.
Deborah L. Faivre.....DNE
Matthew Randesi.....Biology
Jay R. Winkler.....Chemistry
John T. Yates.....Sfgrds. & Sec.

After Earth Day, It's Their Day

Roger Stoutenburgh

Four of the five local winners in the U.S. Department of Energy's Earth Day poster contest came to the Lab on Monday, June 11, to receive their awards at a reception hosted by BNL's Tour Program, which administered the contest locally. Shown holding color photos of their winning efforts are (from left) Julie Malesko, a sixth-grader from Longwood Middle School; Ryan Verbarg, a third-grader at Miller Avenue School; Mary Hutson, who is in sixth grade at Nathaniel Woodhull School; and Gregory Fries, a sixth-grader at Longwood. Not present was Justin Halpin, Brookhaven Elementary School. In addition to the photos of their posters, the originals of which have been on display in Washington, D.C., each winner received a $100 savings bond from BNL's Office of Educational Programs, a world atlas and a certificate from Energy Secretary James Watkins.

Psychologist (cont'd)

87. She had additional training at South Oaks Hospital, Amityville, and the Veterans Administration Hospital, Northport.

Before matriculating at St. John's in 1980, Friedman spent a year working on a kibbutz in Israel and the previous year at The Johns Hopkins School of International Studies, taking master's courses in international relations and economic development. She had majored in economics and Ibero-American studies at the State University of New York at Stony Brook, where she received her bachelor's degree in 1976.

From an international perspective, "Psychotherapy is definitely a western phenomena," explains Friedman. "However, its lack of popularity in eastern and developing countries does not mean that it cannot benefit people from those cultures."

In addition to working with BNL's culturally diverse staff, Friedman will continue to administer psychological testing and to interview security-inspector candidates, as she did as a BNL consultant.

Friedman gained her security-evaluation expertise as a psychologist with the New York City Police Department, 1985-86, stationed in Queens. As part of its employee assistance program, she also counseled uniformed and civilian police personnel and their families for personal and job-related problems, including trauma in the line of duty, and alcohol and drug abuse.

Since leaving the Police Department, Friedman has had a private practice for the last four years in Setauket, where she also lives with her husband and two children.

"I practice analytical psychotherapy," explains Friedman. "It is an interpersonal approach that uses the relationship between the therapist and the patient to understand the patient's approach to problems.

"This psychotherapeutic approach is not for everyone, so there are many different approaches to use," Friedman continues. Among the available options, she lists behavorial, cognitive and family therapy; marriage counseling; biofeedback for managing pain; and psychoanalysis. "Treatment depends upon the person and the problem — and I will make every effort to make appropriate referrals, to match the employee with the right therapy and therapist."

Short term, she will counsel employees who are facing personal or professional crises, as well as those who wish to clarify issues, explore feelings, or solve problems. At times, referrals to outside practitioners will be made, especially when long-term treatment is indicated.

To raise employees' psychological awareness, Friedman is organizing a series of lunchtime workshops on such topics as adult children of alcoholics, eating disorders, stress management, parenting children, sexual harassment and stepfamilies. "Not only will these workshops give information on the topic, they will offer solutions to the problems, including the role of psychotherapy."

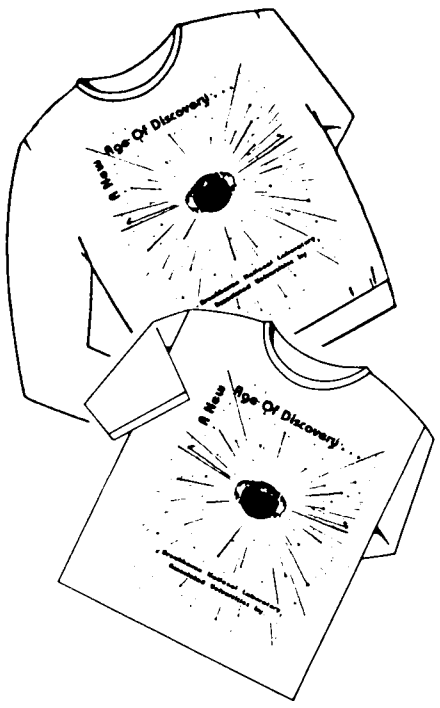
At BNL, Friedman's hours are: Tuesday and Friday, 8:30 a.m. to 5 p.m., and Thursday, 8:30 a.m. to 12:30 p.m.

To make an appointment to consult with either EAP psychologist, call their secretary, Linda DiPierro, Ext. 4567. All regular, full-time employees and eligible part-time employees of BNL, AUI and the Brookhaven Area Office of the U.S. Department of Energy may use EAP services. Phone calls and visits by those voluntarily seeking EAP help are kept confidential. — Marsha Belford

Note to Employees:

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

Summer T-Shirts and Sweatshirts



"A New Age of Discovery" is the theme of this summer's BNL T-shirts and sweatshirts, now on sale to all employees, students and visitors. T-shirts are $7 each, sweatshirts are $13 each, including tax.

These heather gray shirts have multicolor printing. Made of 50% cotton and 50% polyester for minimal shrinkage, they are available in unisex adult sizes: small (34-36), medium (38-40), large (42-44), extra large (46-48); and unisex children's sizes: small (6-8), medium (10-12) and large (14-16).

Shirts must be ordered by July 20, and each order must be accompanied by cash or money order made payable to "Renée Flack, Shirts '90." No personnel checks, please. Orders and payments can be mailed to T-Shirts, Bldg. 179, or brought to the BNL mailroom, Bldg. 179. Allow two weeks for delivery.

Tennis, Anyone?

Tennis Fun Day

All Lab employees and family members and summer visitors are invited to participate in the Tennis Fun Day, which will be held tomorrow, June 16, at 9 a.m. The rain date is June 17, but call 928-2994 for confirmation.

Sign-up is preferred, but not mandatory. To sign up, call Om Singh, Ext 5332, or Neal Tempel, Ext. 3418. Bring a can of balls and join the fun.

Tennis Tournament Fee

The fee for entering each event in the Lab Tennis Tournament is $3 per event, not $12 as printed last week.

The tournament, which includes men's and women's singles and doubles, and mixed doubles will begin on Saturday, July 21. Sign up begins today at the BERA Sales Office, Berkner Hall, where rules are also available. The last day to sign up is Tuesday, July 10. Call Ken Perkins, Ext. 2147, for more information.

August 30 Trip to U.S. Open

The Tennis Committee was unable to secure tickets for the planned August 30 trip to the U.S. Open. Those who ordered tickets should pick up their checks at the BERA Sales Office. The U.S. Open advises that a very limited number of tickets may be available through the box office or through Ticketron, mostly for the evening sessions.

The trip for September 4 is still scheduled.

Picnic lovers, get set — BERA's 1990 Food & Fun picnic will be held on Saturday, August 25.

While the kids have their faces painted and play games, you can join in crazy sports, go dancing, eat hamburgers and hot dogs, drink soda or beer, and rrrrrrrelax!

Tickets at $10 each will be on sale as of next Friday, June 22, from Michelle Cummings, Bldg. 459, Ext. 2077; Liz Mogavero, Bldg. 510, Ext. 3940; Betty Pergan, Bldg. 179A, Ext. 2937; Rosalie Piccione, Bldg. 355, Ext. 3160; Barbara Simpson, Bldg. 355, Ext. 7187; and Doris Terry, Bldg. 179C, Ext. 7610.

Summer on Long Island
Now All You Need Is the Shortcake

Grab your bushel basket and your straw hat: local strawberry growers say the next few weeks are prime time for picking your own berries.

Long Island farmers say the weather has been good to the strawberry crop this year, and the best picking will probably be this weekend. To pick your own berries, you must have standard measure container; if you don't own any, most of the growers will sell or rent container for a nominal fee.

The local growers listed below offer a range of schedules and locations great enough to suit any strawberry lover.

Anderson Farms: Route 58, Riverhead. 727-2559 or 727-1129. Open 9 a.m. to 6 p.m. weekdays, 8 a.m. to 6 p.m. weekends. Berries $1 per quart; quart container 10¢ (can be returned after picking for a refund).

John Berezny: Northville Turnpike and Sound Avenue, Riverhead. 722-3823. Open seven days a week from 9 a.m. to 5:30 p.m. Berries $1 per quart; quart container 10¢ (can be returned for a refund).

John Condzella: Route 25A, Wading River. 929-4697. Open Monday through Saturday, 8 a.m. to 5 p.m., and Sunday until 6 p.m. Berries $1 per quart; quart container 15¢.

Fox Hollow Farm Stand: 143 Sound Avenue, Calverton. 727-1786. Open 9 a.m. to 5:30 p.m. Closed Wednesdays. Berries $1 per quart. One-quart container 10¢; four-quart container also sold.

Kenneth Glover: 633 Horse Block Road and Strawberry Lane, Brookhaven. 286-8721. Open 8 a.m. to 6 p.m. Berries 75¢ a quart; container sold.

Hodun Farms: River Road, Calverton. 727-2618. Open seven days a week from 9 a.m. to 5 p.m. Berries $1 per quart; one-quart container 10¢, four-quart container 50¢.

Fritz Lewin Farm: Corner of Sound and Edwards Avenues, Calverton. 727-3346. Open seven days a week 8 a.m. to 6 p.m. Berries 80¢ a quart or $3 for four quarts. One-quart container 10¢; four-quart container 50¢.

Lewin Farms: Sound Avenue, Wading River, next to Wildwood State Park. 929-4327. Open seven days a week from 8 a.m. to 5 p.m. Berries $1 per quart; one-quart container 10¢, four-quart container 35¢.

May's Farm: Route 25A, Wading River. 929-6654. Open seven days a week from 8:30 a.m. to 6 p.m. Berries 85¢ per pound; container sold for a nominal fee.

Young's Orchard: 54 Sound Avenue, Riverhead. 727-5363. Open Tuesday through Sunday from 8 a.m. to 6 p.m. Berries 75¢ per pound; quart container 10¢.

Scoop of the Week

So, during the summer, the Bulletin will be trading frozen yogurt for hot tips in the third annual Scoop of the Week contest.

If you can scoop all of the Bulletin's informed sources with a hot tip — an idea for news or a feature — and if the Bulletin publishes a story based on your idea, you will be awarded the Scoop of the Week — a free cone of soft-serve, frozen yogurt from the Cafeteria.

Rush your news and feature tips to the Brookhaven Bulletin, Bldg. 134, or call Ext. 5053. If your idea results in a Scoop of the Week, your name will be announced in the Bulletin, and you will receive an official certificate redeemable any time at the Cafeteria.

Gymnasium Closing

The gym and weight rooms will be closed the week of June 18-22, for the 1990 BNL Blood Drive. The locker rooms and pool will remain open.

On the Menu

At the Cafeteria

Monday, June 18
Soup: Vegetable chowder .75/.95
Entree: Greek-style baked fish w/1 veg. 3.10
Entree: Baked macaroni & cheese w/veg. 2.95
Fitness: Turkey w/dressing, gravy & 1 veg. 3.10
Carvery: Hot pastrami sandwich 2.85
*SPICE: Taco salad grande

Tuesday, June 19
Soup: Potato leek .75/.95
Entree: Shepherd's pie 3.10
Entree: L.I. duckling special w/1 veg. 4.95
Fitness: Cheese & pepper pizza (slice) 1.25
Carvery: Oven-hot, roast beef sandwich 2.85
*SPICE: Burrito plate

Wednesday, June 20
Soup: New Orleans Creole .75/.95
Entree: Pork chop Monterey w/1 veg. 3.10
Entree: Stuffed croissant special w/veg. 3.10
Fitness: Fresh roast ham w/1 veg. 3.10
Carvery: Black Forest ham sandwich 2.85
*SPICE: Taco bar

Thursday, June 21
Soup: Cream of chicken .75/.95
Entree: Broccoli-cheese casserole 3.10
Entree: Braised steak & onions w/1 veg. 3.10
Fitness: Chicken oregano w/1 veg. 3.10
Carvery: Hot corned beef sandwich 2.85
*SPICE: California burger

Friday, June 22
Soup: Seafood chowder .75/.95
Entree: Roast strip loin of beef w/1 veg. 3.10
Entree: English-style fish and chips 3.10
Fitness: Broiled fish of the day w/1 veg. 3.10
Carvery: Hot turkey sandwich w/cranberry sauce 2.85
*SPICE: Mexican lasagna

*Special Program in Culinary Entertainment

Breakfast served w/coffee, 2.65
7:30 - 10:30 a.m.

Mon.: 2 eggs, bacon & pancakes
Tue.: Western omelet, French fries, toast
Wed.: Spanish omelet, home fries, toast
Thu.: 2 eggs, bacon, cheese on croissant, fries
Fri.: French toast, 2 eggs, bacon, home fries

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 and/or appropriate bargaining unit, 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 Employment Manager, Ext. 2882.

The vacancies listed below have been exempted by the Director's Office from the current freeze on open requisitions.

SCIENTIFIC RECRUITMENT - Candidates may apply directly to the department representative named or through the Office of Scientific Personnel, Ext. 7813.

STAFF POSITION - Requires a Ph.D. degree or equivalent in nuclear engineering, with emphasis on risk and reliability analyses for nuclear power plants. Candidate should have knowledge of and experience in the area of probabilistic risk assessment methodology and its applications. Contact: R.E. Hall, Department of Nuclear Energy.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside applicants.

4246. STEAMFITTER A - Under minimum supervision lays out, constructs, or installs, repairs and maintains heat, steam and water distribution systems, related facilities and auxiliary equipment and piping and equipment utilizing head, steam and water distribution devices. Plant Engineering Division.

4247. INTERVIEWER - Requires a bachelor's degree in business (or related field) or its equivalent, several years of relevant personnel experience, and excellent written and interpersonal skills. Experience in technical recruiting and interviewing, and knowledge of PC-based systems and word processing highly desirable. Responsibilities will include recruiting for non-exempt and exempt positions, as well as handling other employment-related functions. Personnel Division.

4248. MAIN CONTROL ROOM OPERATORS (4) - Requires BS in electrical technology, physics or electrical engineering, programming experience and good communication skills. Background experience in computer controls, high-power pulsed power supplies and digital electronics desirable. Primary duties, as part of a rotating shift team, will be the operation and troubleshooting of the AGS complex for the experimental physics program. Alternating Gradient Synchrotron Department.

4249. TECHNICAL POSITION - Requires AAS or BS in biological sciences or a related field or equivalent experience, demonstrated organizational skills and the ability to act independently. Will assist with various tasks associated with laboratory preparation, the operation of experimental equipment and the recording of data. Previous PC experience desired. Duties will include preparation of antibody conjugates and testing immunoreactivity as part of a cancer research program. (Reposting of job number 4237) Biology Department.

Motor Vehicles & Supplies

89 TOYOTA COROLLA SR5 - am/fm stereo, tape, ac, more, mint cond., $9,500 neg. 289-2159.

88 HYUNDAI EXCEL GL - h/b, 3-dr., white, 4-spd., am/fm cass., 57k mi., excel. cond., $3,500. Debbie, Ext. 2876.

87 TOYOTA - long-bed, needs some work, asking $2,500. Greg, 475-2509.

87 CHEVROLET CAVALIER - 2.8 liter, fuel injected, 5-spd., am/fm cass., a/c, 33k mi., asking $7,000. Jerry, Ext. 7427 or 475-5591 after 5 p.m.

87 SUZUKI SAMURAI 4x4 - silver, convertible, 18k mi., am/fm cass., immac. cond., asking $4,700. 589-4323.

86 HONDA ACCORD - 4-dr., metallic gray, m/t, 5-spd., single owner, like new, Alpine cass. stereo, must sell, $6,400. Eddie, Ext. 4984 or 286-5620.

86 CHEVY S10 PICKUP - 4-cyl., 4-spd., 30k mi., good cond., $4,500. 584-5244.

86 TOYOTA PICKUP 4x4 - 5-spd., 60k mi., stereo w/amp, 31" tires, tinted, excel. cond., $5,800. Danny, Ext. 2012 or 286-8541.

86 TOYOTA PICKUP - X-cab, 29k mi., 5-spd., loaded, excel. cond., hardly used, w/cap, bedliner, tuffbox, $8,500. Jackie, Ext. 2456 or 696-6316.

86 YAMAHA VENTURE ROYALE - 24k mi., loaded, extras, excel. cond., asking $4,100. Jim, 447-1381 after 5 p.m.

85 MAZDA 626LX - 4-dr., a/t, fully loaded, asking $3,900. 399-4399.

85 TOYOTA TERCEL - h/b, 5-spd., ac, 2-dr., 47k mi., excel. cond., $2,800 neg. Lenz, Ext. 4427.

84 CAMARO - V-6, 5-spd., T-top, am/fm cass., p/s, p/w, cruise, 49k mi., $3,400. 654-2617.

84 HONDA PRELUDE - a/t, sunroof, am/fm cass., new brakes & tires, 115k mi., good cond., runs excel., $2,800. Liz, Ext. 3348.

82 FORD MUSTANG GT 5.0 - 4-spd., T-top, 110k mi., $3,000. Ray, 878-1947.

See Supplement for more Classified Ads.

Classified Ads (cont'd)

82 RELIANT - 4-dr., ac, p/s, p/b, am/fm, 85k mi., $1,200. Bob, Ext. 2542.

81 DODGE ARIES - runs well, clean in & out, orig. owner, well kept, $1,000. Jim, Ext. 2957 or 281-4541 after 5 p.m.

81 FAIRMONT WAGON - 4-cyl., 4-spd., 125k mi., fair outside, excel. inside, runs well, $600. John, Ext. 7671.

81 MERCURY LYNX - a/t, 4-cyl., am radio, high mi., good transportation, $300. Barry, Ext. 5624.

81 PLYMOUTH CHAMP - 4-spd., 66k mi., black, ac, am/fm, good cond., needs brakes, $975. Kevin, Ext. 5504/7024 or 331-5636.

81 CAMARO Z28 - gray/black, 88k mi., 302, 4-spd., ac, stereo, good cond., needs some work. John, Ext. 4666 or 929-3407.

80 CHEVY CHEVETTE - runs, good for parts. Jamie, 286-3679 after 6 p.m.

80 DATSUN - 5-spd., am/fm cass., 94k mi., runs well, asking $400. Dong, Ext. 5510 or 3134.

80 FORD FAIRMONT - 2-dr., a/t, 6-cyl., clean body, good tires, $750. Sue, Ezt. 7235 or 395-3529.

80 FORD GRENADA - 4-dr., 6-cyl., a/t, 53k mi., orig. owner, runs well, $500. Walt, 589-3968.

80 MERCEDES 240D - excel. cond., $10,000. Ext. 2303 or 732-3902 after 6 p.m.

79 CHEROKEE JEEP - loaded, extra wheels & tires, orig. owner, excel. cond., asking $4,500. Jeff, Ext. 2907.

79 HONDA 750F - 18k mi., very clean, mint cond., $800. Eric, Ext. 4452 or 447-9667.

79 HORIZON TC3 - new battery & exhaust, body good, runs well, needs clutch, $350. Ext. 7707 or 821-0125 eves.

79 CHEVY C-10 - 6-cyl., good run. cond., work truck, ask. $900; '72 Ford F250, ¾-ton, 4wd, 360, Meyer plow, ask. $1,000. Ext. 4970 or 475-6493.

79 JEEP WAGONEER - 4-dr., 85k mi., a/t, ac, p/b, p/s, orig. owner, inspected, trailer hitch, extras, $2,195. Ext. 2260 or 286-1214 after 5 p.m.

78 CHEVY NOVA - 6-cyl., a/t, $550 neg.; '75 Buick Skylark, 6-cyl., a/t, $300 neg.; both run well. Mary, Ext. 2926 or 281-0268.

78 DODGE OMNI - good for parts, runs well, $200. Al, 878-2577.

78 FIREBIRD - ac, 8-cyl., a/t. Frank, Ext. 3499 or 736-2575 eves.

76 CHEVY MALIBU CLASSIC - 4-dr., V-8, a/t, p/s, p/b, ac, 83k orig. mi., best offer. 654-4661 eves.

76 CORVETTE - black but cracked paint, needs a lot of work, very good buy, asking $2,000 or best offer. E. White, Ext. 2231.

76 FORD GRAND TORINO - runs, $350 or best offer. Ray, 878-1947.

74 GMC PICKUP - ¾-ton, a/t, needs engine work, good tires & trans., make offer. Tony, 698-9274.

74 PLYMOUTH - runs, $74. M. Woodle, Ext. 2521.

73 TRAILSTAR POP-UP CAMPER - sleeps 6, ice box, heater, removable stove, more, v.g. cond., $850. 821-0354 after 6 p.m.

70 DATSUN 240Z - runs, needs work, ideal restoration project, lots of potential, new tires, motor good, $800. John, 475-9597.

31 CHRYSLER - all original, 2 seater, rumble seat, must see. asking $7,000. Ext. 3160 or 289-5704.

SLIDE-ON CAMPER - 11', make offer. 874-2838.

POP-UP CAMPER - hardtop, sink, stove, 20-lb. LP gas, sleeps 6, needs taillight lens, good cond., Gerry, Ext. 3751 or 399-4929 after 6 p.m.

DODGE SWINGER MOTOR HOME - self-contained, sleeps 6, 34.8k orig. mi., gen., ac, stereo, CB, excel. cond., $11,000. 473-1456.

TIRE - steel-belted radial, Michelin, 175SR15ZX, mounted, '64 Volvo wheel, good cond., $20. Connie, Ext. 2594.

TIRE - 6.45-14, w/5-hole rim, $10. Joe, pager 0925 or 728-1859 eves.

HOT DOG TRUCK - must sell, good cond., ready for business, $5,200. 744-1535.

ROOFTOP CARRIER - Sears, large fiberglass const., $50. Bob, Ext. 4551.

Boats & Marine Supplies

27' ALBINS CRUISER - 1984, fg, cabins fore & aft, center cockpit, Lehman diesel, under 60 hr., ask. $27,500. 369-2110 days or 288-3277 eves.

27' SILVERTON - 1970, 318 Chrysler, F/B, full galley, stand-up head, dockside water, elec., best offer. 878-4398.

25' WELLCRAFT NOVA - 260 Merc cruiser, VHF, DF, new upholstery, runs well, looks good, $9,200. Jack, Ext. 7527.

24' SEARAY SUNDANCER - 1976, repowered 1989, new int., H.W., dockside power, frig., stove, Merc Cruiser o.d., very clean, $8,000. 654-2617.

24' C&C MIRAGE - immac., mooring cradle, new 8-h.p., rigged aft spinnaker, custom extras, must see, $8,500, offers. Damian, 744-5079.

23' O'DAY - loaded, cruising, racing, 6-sails, VHF, Loran, depth/spd., dodger, solo handling, excel. cond., extras, $10,500. 286-1024.

22' RHODES - 1974, furling 150 Genoa, pop-top, '86 8-h.p. Evinrude, $3,500 neg. Ext. 3969 or 878-6580.

22' TYLERCRAFT SLOOP - c/b, 6-h.p. Evinrude, 2 suits of sails, furling jib, sleeps 4, $2,500 neg. Sue, Ext. 7235 or 395-3529.

20' CUDDY - 1987, 130-h.p. Mercruiser, Shoreline trailer, C.C. pkg., VHF, FF, low hrs., many extras. Artie, Ext. 2238.

19'2" O'DAY - 1986, all factory options, great weekender or day sailer, asking $6,500. 732-9091.

19' BAYLINER - 1986, i/o, full canvas, DF, Magic Roller trailer, $8,500 neg. Mike, Ext. 4988 or 281-3595 after 4:30 p.m.

19' CELEBRITY - 1987, cuddy, new trailer, mint cond., '76 Buick wagon w/boat, $11,500. JoAnn, Ext. 4120 or 689-7963.

18' GLASSPORT BOWRIDER - 1983, 90-h.p. Evinrude, trailer, mooring, cover, approx. 110 hrs., asking $2,800. Chris, Ext. 2022 or 395-6112.

18' SOL-CAT CATAMARAN - trailer, beach wheels, excel. cond., $1,750. 821-0686.

15' SILVERLINE - 33-h.p. Johnson, new Teleflex steering, controls, seats, carpet, gas tank, trailer, asking $700. Pat, Ext. 4638 or 744-7017.

8' DINGHY - 1990, fiberglass. Dawn, 758-3830.

SUNFISH SAILBOAT - good cond., w/cradle, $575; 1978, 85-h.p. Mercury ob., good for parts, $275. Al, 878-2577.

MOTOR - 1969, 55-h.p. Johnson, new water pump, rebuilt starter, not running, good for parts, $75. Ext. 7136 or 661-9155 after 6 p.m.

OUTBOARD MOTOR - 1985, 30-h.p. Evinrude, low hrs., runs great, new propeller, $800. Ext. 2888 or 286-0422 eves.

MOTOR - 6-h.p. Evin., long shaft, w/tank, excel. cond., $200; trailer, 19' boat max., 2k lb. cap., $550; 2 new Merc props. Bart, Ext. 4446 or 924-6761.

Furnishings & Appliances

IRON - & ironing board w/cover, $15; toaster, $5. Ruth, Ext. 5324.

MICROWAVE OVEN - Hotpoint, 18 cu. ft., 8,600 watts, good cond., $75. Bob, Ext. 4551.

LIVING ROOM SET - 4-piece, recently upholstered, $1,000; 6-candle antique chandelier, gold accent w/small roses. 475-1254 or 475-3366.

OVAL GLASS TABLE - white pedestal, $65; oak cabinet, $20; table lamp, $20; walnut bureau w/mirror, $35. Kathy, 744-2203.

PRINCESS DRESSER - antique, oak, 2 drawers, orig. mirror, $495; Victrola, $50; Bunn commercial coffee makers, excel., $100/ea. Henry, 727-7227.

SOFA BED - double, 68" wide, good cond., avail. 6/23, $150. R.W. Ike, Ext. 3932.

SECRETARY DESK - w/chair, solid mahogany, circa 1920, $95. Jack, Ext. 4447 or 744-3919 eves.

FURNITURE - living room, dining room, bedroom, lamps, entertainment center, misc., moving, reasonable. Ext. 7163 or 924-6736 eves.

AIR CONDITIONER - Whirlpool, 8,000 Btu, under warranty, used 1 week, $395. Betty, Ext. 7126.

SECTIONAL SOFA - Kroehler, 3-piece, turquoise, always covered, excel. cond., $300 firm. 744-2805.

AIR CONDITIONER - G.E. Supertheust model AD910FT, 9,750 Btu/hour, 115V, 100.9 EER, $350. Scott, 289-6892.

CEDAR HOPE CHEST - Lane, $50. Ext. 2484 or 689-9328 eves.

BUNK BED - wood, red ladder, $5; newspaper log roller, $5. 732-2720.

LIVING ROOM SET - brown velvet, asking $600 neg. Ext. 3702 or 751-1042 after 6 p.m.

BOX SPRINGS - 2, king size, w/matching rails w/casters. Ext. 3593.

BATHROOM VANITY - no-top, 2 doors, dark wood, approx. 32", you pick up, $10. Ext. 7427 or 475-5591 after 5 p.m.

CEILING FAN - 48", 4-blade w/3 lights, best offer; gas grill, Sears, $35. Scott, 289-6892.

DAY BED - ivory painted frame, w/mattress & accessories, new cond., orig. price $150, asking $95. Penny, 929-4014.

ROLL-TOP DESK - $75; hope chest, $100. Walter, Ext. 4958 or 821-9451.

DINING ROOM SET - oak, hutch w/leaded glass doors & claw-foot table, $500. Sara, 289-6892.

FREEZER - upright, GE, 22 cu. ft., runs well, asking $100. Artie, Ext. 2238.

KITCHEN SINK - cabinets, above & below, fittings, 5' long, great for apt., $350 neg.; portable dishwasher, $55. Bill, Ext. 2378 or 758-3284.

FURNITURE - living room, dining room & bedroom sets, desks, chairs, lamps, bicycles, tools, misc., moving, reasonable. Abe, 475-1017.

MICROWAVE OVEN - Hotpoint, good cond., 2-speed, $75. Bob, Ext. 4551.

QUILT - queen size, $10; wool carpet, 9'x11', modern, $65; shower doors, 30", new, $50; drapes, insulated, 80"x84", $10/ea. Henry, 727-7227.

REFRIGERATOR - GE, runs well. Patty, 732-6569.

REFRIGERATOR - Whirlpool, 18 cu. ft., ice maker, almond, excel. cond. 689-9234.

RUG - cocoa brown, w/padding, 14'x11', excel. cond., $65. Paul, Ext. 4309.

SUITCASES - 2 pieces, large, 28"x18", $22/both. Paul, Ext. 4309.

VACUUM - Electrolux, cannister type, almost new, $275. 654-4661 eves.

WASHER & DRYER - White Westinghouse, portable, apt. size, 3 years old, $150 neg. Jerry, Ext. 2907.

Tools, House & Garden

GARAGE DOOR OPENER - Stanley, electric, ½h.p., good cond. 325-0447.

RED MAPLE TREES - Japanese, $15-$50. 265-6542.

LAWN MOWERS - Craftsman, rear bag, 20" cut, $75; Torro, 19" cut, 3½ h.p., $75. Dan, Ext. 4987 or 698-7322.

SCREEN HOUSE - portable, 12' square, good cond., $250. Rich, Ext. 4446 or 698-2521.

TOPSOIL - screened, can be delivered, 15 yards minimum for delivery. Bob, 654-4800.

Sports, Hobbies & Pets

R/C TRUCK - 4wd, 4ws Double Dare, Monster Mash motors w/Aristocraft trigger radio, brand-new, $200. Danny, Ext. 2012 or 286-8541.

RIMS - for front & rear of 10-spd. bike. Ron, Ext. 5502.

PIANO - upright, fruitwood, excel. cond., musician owned, $850. 286-0259.

CAMERA - Olympus Infinity, new, $90. Jim, Ext. 4584.

BIKES - Raleigh Gran Prix, 10-spd., 21½", silver, $80; 25½", blue, $100; extras. 744-0892 after 5 p.m.

ACCORDION - White Hohner, 120 bass, $300; 2 light wood louvres, 63" long, $5/each. 732-2720.

BICYCLE - Ross, girl's, 23", blue, 3-spd., v.g. cond. Ext. 4449 or 751-8403 after 6 p.m.

BICYCLE - Raleigh Unisex 26", 10-spd., 2 side carriers, excel. cond., #49; 7' inflatable raft, electric motor, $15. Fullwood, Ext. 2180.

BIKES - 2, girl's, 10", $15; 20", $25, excel. cond. Bart, Ext. 4446 or 924-6761.

CANDLE-MAKING EQUIPMENT - professional, 7-pot melt tank, wax, colors, spray, carving table, cool tank, more, make offer. Tallon, 473-3987.

DRUM SET - 5-piece, Remo CP, $275. Mark Cohen, Ext. 2957 or 331-2270.

FISH TANK - 55 gallon, w/stand & all accessories, sacrifice at $150. 878-0516.

PUPPIES - Pekingese, AKC, male & female. 654-1731.

RABBIT HUTCH - new, sturdy, $40. Sue, Ext. 7235.

ROWING MACHINE - Precor, excel. cond., $100 firm. Ext. 2041.

SEWING MACHINE - Singer, w/cabinet, hardly used, $95. 751-1884 eves.

SURF ROD - 11', 1 piece, lami-glass, custom made w/mildrum guides, carballoy tip, $50. 689-9234.

TOURING KAYAK - fiberglass, 14'6", British import model, Petrel, yellow, good cond., new sells for $1,050, now $650. Ernie, Ext. 3357.

Audio, Video & Computers

SATELLITE DISH - 10', w/2 receivers, actuator, remote, motor needs work, $900. Ken, Ext. 5110.

RADIO - Hallicrafer model 572, portable, 1951, best offer. O. Booker, Ext. 3082 or 727-5912.

VCR - RCA, needs work, no sound, RCA video camera, lots of extras, RCA power pack, $450/all. W. Schlichtcroll, Ext. 2214.

VIDEO GAME SYSTEM - Sega Master System w/5 games, hardly used, mint cond., $150. B. Titmus, 821-2515.

TV & VCR - 25", VCR needs repair, $150; video disk player, needs repair, $50. Walter, Ext. 4958 or 821-9451.

TV ANTENNA - pole & tripod used, $5. Marty, Ext. 2521.

WALKMAN - Sharp, am/fm, graphic equalizer, w/o headphone, 1 year old, used, excel. cond., $15 neg. Manami, Ext. 3190.

Free

HANDEL'S MESSIAH - reel-to-reel. Marty, Ext. 3941.

FREEZER - upright, G.E., you pick up. 624-3103 eves.

KITTENS - 6 weeks old, three; one gray, two black, cute. Beth, Ext. 3372 or 744-6910.

SOFA - good condition. 874-2838.

TENT - 9-man, minor work, few holes, you pick up. 475-5591 after 5 p.m.

Yard & Garage Sales

E. PATCHOGUE - furniture, electronics, linens, brass/silver, June 22-24, 10-4 p.m., 21 Redlef St., Woodside-Sipp-Corbin-Redlef. 924-4929.

N. PATCHOGUE - June 15-17, collectibles & antiques, household items, furniture, jewelry, more, 85 Buckley Rd. Gary, Ext. 2214.

Car Pools

ORIENT POINT - or North Fork. Liz, Ext. 3348.

PLAINVIEW - Exit 43, LIE, 4th driver needed. Elliott, Ext. 2495.

Real Estate

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

For Rent

BELLPORT VILLAGE - 1-bdrm. apt., upstairs, kitchen-l/r combo, full bath, w/w carpeting, $675/mo. all. + 1 mo. sec., single, nonsmoker, no pets. Jim, 758-0393 after 6 p.m

CALVERTON - 2-bdrm. townhouse, 1½ baths, w/w, appl., patio, deck, $750. 878-0874 after 5 p.m.

CORAM - Strathmore East, 4-bdrm. ranch, unfurnished, 2 baths, 5 appl., patio, fenced yard, 18 min. from Lab., $925/mo. + util., Ext. 3791 or 928-7154 after 7 p.m.

HOLBROOK - 1-bdrm. apt., kitchen-l/r combo, bath/shower, w/w, priv. downstairs ent., $675/mo. includes all + 1 mo. sec. A. Romano, Ext. 4024 or 472-0430 after 6 p.m.

HOLTSVILLE - 1-bdrm. apt., ground floor, kitchen, l/r, d/r, full bath, carpet, single or couple, priv. ent., no pets. cable. Fraser, Ext. 2043.

MEDFORD - 1 bdrm. + priv. bath, priv. ent., refrig., microwave, no pets, nonsmoker, $100/wk. includes all + sec. 475-7250.

NORTH SHIRLEY - basement apt., furn., l/r, bdrm., kit., w/w priv. ent., 1 person only, nonsmoker, no pets, 5 min. from Lab, $500/mo. pays all. 281-8044.

PORT JEFFERSON VILLAGE - 4-5-bdrm. Colonial, cac, 2-car gar., beach & country club, walk to Harbor & village, excellent schools, avail. mid June. 331-3846.

RIDGE - 1-bdrm. apt., l/r, kit., pvt. driveway, yard w/deck, 5 min. from Lab., $625/mo. includes all + 1 mo. sec. 924-0577.

ROCKY POINT - 1-bdrm. apt., separate oil & electric, 300 yards to priv. beach, 15 min. to Lab, large room, ask. $695/mo. 928-9688.

WADING RIVER - 2 bdrm., full bath, fp, priv. ent., near beach, 10 min. to Lab, $600/mo. John, Ext. 4028 or 751-2713.

EASTHAM, MA - on Cape Cod, 4-bdrm., completely furn., 2 baths, w/d, dw, deck, short walk to beaches, 2 weeks open July/Aug. 722-3865.

BADIN LAKE, NC - 3-4 bdrms., fully furnished, boat, dock, great fishing, screened porch & deck, golf near, $500/wk. Tony, Ext. 7518 or 288-9077.

For Sale

BELLPORT VILLAGE - secluded, charming home, newly renovated, steps to golf/tennis, ¾ acre, lots of French doors & windows, decks, outside hot tub, $265,000. 286-0422 eves.

BROOKHAVEN HAMLET - 3-4 bdrm. 2 baths, l/r w/fp, Jennaire, d/w, d/r w/atrium door, fam. rm, walk-in closets, new roof, vinyl siding, igp, walk to water, schools, parks, $144,900. Jan, 286-3623.

CENTEREACH - 4-bdrm. hi-ranch, l/r, d/r., eik, 2 full baths, fm. rm w/fp, deck, pool, fenced yard, $143,900. 698-8514.

CENTER MORICHES - 2-bdrm. starter home, 100'x100' on dead-end road, deck, $110,000. Ray, 373-1947.

CENTERPORT - 200' waterfront on Northport Harbor, dock, 4-5 bdrm., 4 baths, 0.6 acre, $625,000. Bob, Ext. 4044 or 261-3890.

EAST MARION - beautiful 1 acre building lot, adjacent to Greenbelt. 325-0447.

EAST PATCHOGUE - 3-bdrm. ranch, kitchen, l/r, bath, bsmnt., kitchen, den, 1 bdrm., bath, 1½-car gar., fenced private backyard, extras, $137,000. Duke, Ext. 2957 or 289-3586.

EAST PATCHOGUE - 3 bdrm., 1 bath, l/r, eik, appl., full bsmt., ag pool, deck, excel. location, low taxes, $122,000, neg. 654-5609.

EAST SETAUKET - 4-bdrm. Colonial, l/r, d/r, fam. rm. w/fp, eik, 1½ baths, full bsmt., 2-car gar., ag pool, 0.42 acre, 3VSD. Ext. 2958 or 473-6429.

FARMINGVILLE - 1-bdrm. house, cathedral ceilings, carpeting, OHWH, maint. free, appliances, detached gar., 60'x160'. rent til buy, ask. $87,900. Chuck, 698-9489 eves.

HAMPTON BAYS - 3-bdrm. ranch, fp, w/s, solar system, oak floors, deck, fin. bsmt., igp, wood deck, close to ocean & bay, $195,000. Charles, 728-1931.

JAMESPORT - ¾ acre, walk to Sound, cul-de-sac, price neg., terms avail. Ext. 5312 or 929-8467.

LAKE RONKONKOMA - 3-bdrm. cape, 2 baths, 2 kitchens, poss. M/D, walk to R.R. and LIE, low taxes, alum. siding, new roof, $138,000, neg. Artie, Ext. 2238.

MASTIC - 3-bdrm. house, 2 baths, eik, 120'x200' fenced lot, 2-car gar., city water, low taxes, near LIRR, 6 miles to Lab, ask., $118,000. 281-2002.

MASTIC BEACH - 3-bdrm. ranch, alum. siding, det. gar., Fla. rm. w/fp, 80'x100', low taxes, city water, walk to bay, $89,000. Sue, 395-3529.

MEDFORD - 3-bdrm. Colonial, 1½ baths, eik, d/r, l/r, den, gar., 0.4 acre, $139,000. 286-1571.

MIDDLE ISLAND - Coventry Manor, 3-bdrm. townhouse, 2 baths, kit., l/r, d/r, laundry rm., cac, 5 appl., patio, pool, tennis, carpet, ask. $102,000. Rosalie, Ext. 3160 or 289-5704 after 5 p.m.

MIDDLE ISLAND - one-acre lot in completed subdivision, Bunker Lane & Chen Ct., w/permit, $72,000. 282-4138.

PORT JEFFERSON - Harbor Hills, 3-bdrm. house, 2 baths, 2 kitchens, d/r, l/r, fam. rm., den, fin. bsmt., walk-in cedar closet, 2 car gar. Andersen windows, priv. beach, country club. 331-7350.

RIDGE - 3-bdrm. townhouse, 1½ baths, cac, w/w, all appl., upstairs newly carpeted, encl. redwood patio, storage room, low monthly main., 5 min. to Lab, price reduced to $93,000. Mary, 924-4328.

ST. JAMES - 4-bdrm. cape, fin. bsmt., l/r w/fp, d/r, eik, 2 full baths, 2-car gar., 100'x100', tax $2,000, walk to shopping, $168,000. 751-9096.

SHOREHAM - 3-bdrm. Colonial, 1½ baths, l/r w/fp, d/r, eik, den, fin. bsmt., work rm., gar., low taxes, $173,000. Peter, 821-9513.

WADING RIVER - 5-bdrm. multilevel contemp., wooded acre, skylights, cathedral ceilings, sunroom decks, pool, gourmet kitchen, jacuzzi, fp, 3-rm rental apt., red. to $196,000. 283-0155.

WADING RIVER - custom ranch, ¾ acre, cul-de-sac, igp, w/deck, ig sprinkers, extras, 929-8467. Kathy, Ext. 5312.

YAPHANK - 3-bdrm. older Colonial, lakefront, 1 bath, 2-car gar., historic district, 6 mi. from Lab, ask. $159,000. 924-3783.

PALM BAY, FL - near Melbourne, 2-bdrm. condo, 2 full baths, l/r, d/r, kitchen, w/d, pvt. screened patio, completely furn., heated pool, near beach, malls, $65,000. 698-8514 after 5 p.m.

Wanted

TUBED AUDIO COMPONENTS - working or not, by Marantz, Macintosh, Futterman, W.E., Brochiner, Acoustic Research or Altec. Jim, Ext. 4584.

PEOPLE TO JOIN - non-denominational Christian fellowship group, every Thurs. at noon in the Rec. Bldg. in the apt. area. Pete, Ext. 3297.

CANOE - Dan, 654-1731.

LAWN MOWERS - old, any cond., gas-eng. type. Dan, 698-7322.

VW BUG, MG - or other small convertibles, to buy or trade for 67 Pontiac convertible. John or Chris, 751-2655.

TRUMPET - for 12-yr.-old student. Rich, Ext. 7013.

RECEIPTS - Finast, King Kullen, for BNL food drive, send to C. Kerr, Bldg. 460, Ext. 7100.

HOUSEMATE - E. Setauket, $320 + util. starting July. Moorthy, Ext. 4832.

HOUSEKEEPER - 2 or 3 days, part-time, 6 to 9 hr./week, Shoreham. Vicki, 744-8765 after 6 p.m.

HOUSE IN NASSAU COUNTY - 2-3 bdrms., 2 baths, bsmnt., 1-2 car gar., low taxes, less than $180,000, condo considered. Thomas, Ext. 2225.

HOUSE - by Aug. 1, 3 bdrms., in Rocky Point School District. 821-2515.

AUTO MECHANIC - to help start 1974 MGB, will pay. Ron, Ext. 5502.

GO-CART - used, whole or parts. Joey, 929-5911.

BABY-SITTER - for 8-yr.-old girl, late Saturday eves, must be responsible, Holbrook area. 567-7752 after 5:30.

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