

Employees Offered Alternative to Group Health Plan

Under the Federal Health Maintenance Organization Act of 1973, an employer is required to offer its employees the option of membership in a Health Maintenance Organization (HMO) as an alternative to membership in its regular Group Health Plan when approached by a qualified HMO.

A Health Maintenance Organization is an organization which provides a wide range of health care services to members for a predetermined, prepaid premium. It makes no difference how often an enrolled member uses the health care services of the facility or what services are provided during a particular time period - the premium covers such use.

The option to enroll in a qualified HMO plan - the Community Health Plan of Suffolk, Inc. - will be extended to Brookhaven employees from June 18 through July 6, 1979. Coverage for those who elect to join the CHPS plan will become effective August 1, 1979.

CHPS: What it is and how it works

The Community Health Plan of Suffolk (CHPS) is a federally qualified, not for profit, Health Maintenance Organization serving residents of the five western townships of Suffolk County and the eastern part of Nassau County. The health center and administrative offices are located in Hauppauge at the intersection of the Long Island Expressway at Exit 57 and Veterans Memorial Highway. The facility is affiliated with two hospitals. The principal affiliate is St. John's Episcopal Hospital in Smithtown and, for more specialized services, Long Island Jewish-Hillside Medical Center.

The CHPS plan provides continuity of care under the direction of a personal internist (or pediatrician, for children), who is in effect the member's private physician. Members and their families receive care from their CHPS physician as often as they need it. In addition to primary care physicians and pediatricians, specialists in such areas as gynecology, ophthalmology, urology, dermatology and neurology are on staff as well as registered nurses and supporting health care personnel.

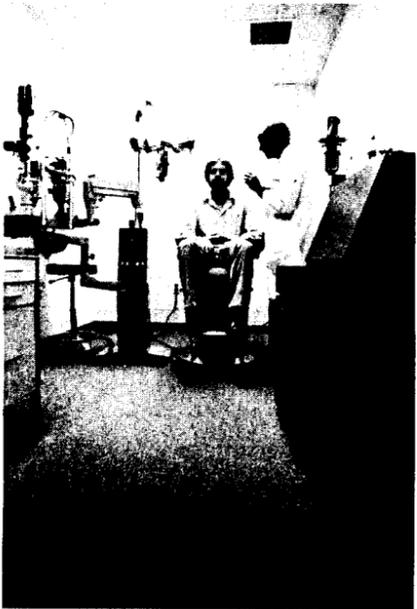
CHPS facilities provide on-the-spot treatment for many illnesses. They are equipped to take x-rays and laboratory tests and to give immunizations, allergy treatments, eye examinations, well-baby care, and physical examinations. Care is available 24 hours a day, seven days a week. A CHPS doctor can be reached by phone should an emergency occur outside of the facility's regular hours.

Cost and Coverage

AUI will subsidize the cost of the CHPS plan by paying the same premium amount it currently pays for the AUI medical insurance plan. If the CHPS plan charges a higher premium fee, the difference will be paid by employees through payroll deduc-



The health center includes a children's play area where children may wait to see pediatricians or parents may leave them while they visit physicians themselves.



This optometry examination room, like other facilities at the CHPS center, features modern quality equipment in a clean, accessible environment.

tion. The CHPS premium is equal to the premium presently being paid by AUI for the AUI group insurance. Therefore, for this year, there will be no additional cost to employees enrolling in CHPS.

Although premiums are guaranteed for a year in advance, they are subject to annual adjustment. AUI will continue to subsidize the CHPS plan by the same dollar amount that it pays for the AUI medical plan. If the cost of the CHPS plan increases at a greater rate than the AUI plan, the

(Continued on page 2)



The center is designed to provide an open, airy atmosphere featuring lots of glass area and many green plants. The health facility also endeavors to be a community center where classrooms and space for art exhibitions, such as this one sponsored by Huntington Township, are available to the public.

—photos by Humphrey

BNL Lecture

"Acid Raindrops Keep Falling On My Head"

The acidity of precipitation in the eastern United States, and in several other parts of the world is unnaturally high. In fact, on the average at BNL, rain is about 40 times more acid than "pure" rain. Rains which are more than 1,000 times more acid than normal are observed in the northeast. This abnormal acidity is caused by the emission of oxides of sulfur and nitrogen into the air with the subsequent formation of sulfuric and nitric acids. Over thirty million tonnes of sulfur dioxide (SO₂) are emitted annually in the United States with over ¾ of this from fossil fuel combustion (53% from coal). About 22 million tonnes of SO₂ are emitted east of the Mississippi River.

Sulfur dioxide is transported over long distances and is oxidized at the rate of 1-2% per hour to sulfates, portions of which are in the form of sulfuric acid and acid ammonium sulfates. It is these materials, together with the accompanying nitric acid which form acid precipitation.

Studies Show Increased Acidity

Acidity of precipitation has steadily increased over the past two decades. Recent increases in acidity appear to be due to increased nitric acid, which now accounts for about 30-40% of the acid in precipitation.

The Land and Freshwater Environmental Sciences Group of DEE is investigating the effects of this acidity on agricultural and forest plants, soils, and aquatic ecosystems. A variety of Northeastern forest and field-crop plants are exposed in environmental chambers to artificial acid rain, and ensuing damage is observed. Preliminary field and greenhouse experiments dealing with long-term effects of acid rain on various plants suggest that discernable reductions in seed yield may occur. Larger-scale tests are in progress to confirm these trends. Uptake and leaching of various ions from plant surfaces in the presence of acid rain are also being studied.

A chamber for the study of aerosol effects on plants is being updated with improved climate control and optical and sub-optical particle-sizing equipment. Tests studying acute effects of (NH₄)₂SO₄ aerosols are under way.

Effects of Nitrogen and Alkalinity

Soil microorganisms play an important role in the transformation of nitrogen and they are chiefly responsible in providing this important (and often limiting) nutrient for plant productivity. Any environmental stress that alters the nitrogen cycle may have drastic effects on the availability of this important nutrient.

Acid precipitation is having a dramatic impact on lakes in western Sweden, southern Norway, southeastern Canada and the Northeastern United States. These enormous geographical areas encompass thousands of lakes, many of which are being acidified. The factor primarily responsible for determining the sensitivity of a lake to acidification is its alkalinity, and this is controlled by bedrock and surficial geology of the lake's catchment area.

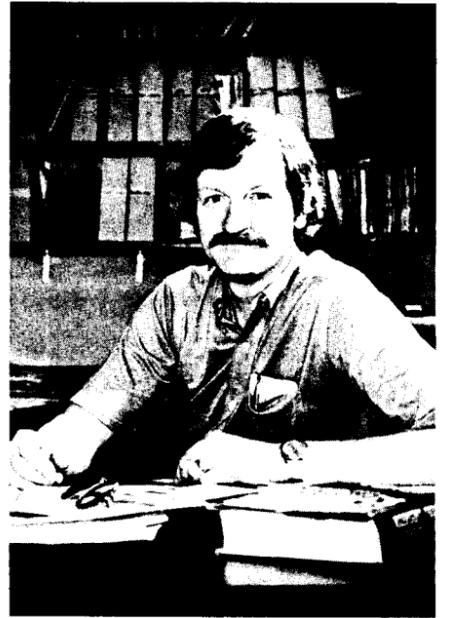
The biological responses to acidification range from alterations in phytoplankton community composition to the complete elimination of all fish life. Major alterations in fundamental ecological processes such as primary production and decomposition have been observed in freshwaters due to acidification. A number of investigations into physiological responses of invertebrates indicate that the major response to acid stress is inhibition of osmoregulation and salt loss from the animals. Other cations, particularly Ca⁺⁺, can mitigate this osmoregulatory imbalance, at least in fish.

Cause, Effect and the Future

Although substantial evidence has been accumulated as to what is happening in

acidified lakes, limnologists (those who study the life and phenomena of lakes, ponds and streams) are just beginning to understand something of why changes occur as they do. Obviously, biological and chemical relationships are complex and one cannot predict the course of events in a lake simply by knowing acid loading and the alkalinity of the waters. Eventually it would be desirable to make predictions as to the types and rates of ecological changes due to lake acidification (given other predictions of chemical inputs). To achieve that predictive ability, answers are needed for specific questions concerning the effects of acidification on lake chemistry and biota.

Research is being conducted in three Adirondack Mountain Lakes to assess the effects of acid precipitation on plant and algal production and biomass.



George Hendrey

—photo by Humphrey

Dr. George Hendrey, ecologist and leader of DEE's land and freshwater environmental sciences group, will give the next BNL Lecture on Wednesday, June 27 at 8 p.m. in Berkner Hall. His topic is, "The Environmental Effects of Acid Precipitation"

A native of Seattle, Washington, Hendrey completed undergraduate and graduate study at the University of Washington at Seattle. He received his Ph.D. from that university in 1973 where he majored in aquatic biology and minored in limnology and statistics.

Prior to joining the Lab in 1977, Hendrey was a senior research associate and visiting lecturer at Cornell University's section of Ecology and Systematics. From 1973 to 1976, he served as a research scientist at the Norwegian Institute for Water Research in Oslo, Norway, where his responsibilities were varied and included the coordination of projects within the Institute's Hydrobiology Group of the acid rain project. In addition to positions in government and industry, Hendrey also served two years as a Peace Corps Volunteer to Morocco where he taught English and sports to students at a secondary school in Marrakech.

Hendrey is a member of the American Association for the Advancement of Science and of the American Society of Limnology and Oceanography. He has given several presentations on acid rain to academic and professional conferences and seminars held in Canada, Norway, at MIT, Cornell, BNL and at the universities of Washington, Florida and Virginia. Hendrey, his wife and two children live in Shoreham.

A buffet supper is served at 6:30 p.m. at the Brookhaven Center before the lecture. Many find it convenient and it is a pleasant way to meet members of other departments. Reservations for the buffet should be made in advance by calling Ext. 3541 before 5 p.m. on the day of the lecture.

Health Plan

(Cont'd)

difference will be reflected in the increased CHPS rate for the next year beginning on August 1, 1980. Employees will continue to be responsible for paying the cost differentials as determined on an annual basis.

Brookhaven employees will be given an opportunity each year (in an open enrollment period) to decide which form of health benefit they will have for the following year. There will be no limitation on switching from one plan to the other on an annual basis.

Which Plan for You?

The HMO Concept is believed to be a good one - but recognize that it is not for everyone. A careful investigation of the benefits offered by both health plans is necessary to determine which one best suits an individual's needs. To help employees make this important and personal decision, descriptive material and brochures of the CHPS plan, plus a detailed comparison of the benefits of the AUI Medical Insurance plan and the CHPS plan has been mailed to the homes of employees.

Employees who are eligible to enroll in the CHPS Plan are encouraged to visit the CHPS facility with their families. The facility is located at 3001 Express Drive North in Hauppauge. Open house dates for BNL employee visits are: Wednesday, June 20, 7 p.m.; Saturday, June 23, 10 a.m.; Wednesday, June 27, 7 p.m. and Saturday, June 30, 10 a.m. Any further inquiries regarding the Plan may be directed to the CHPS marketing department at 582-9800.

Tour Computers, AMD

The Lab's mini tour program continues with this weekend's tour which focuses on the Applied Mathematics Department and the Computer Center. Visitors to the Lab will, upon entering the Central Computer Facility, view a slide show which provides an overall view of the computer facilities and mathematics research taking place at Brookhaven. Visitors will then have the opportunity to examine disc-readers, consoles, card-readers, and other peripheral equipment of the computer system. The computers themselves are contained in an air conditioned and dust-free environment. Weekend visitors will be treated to a computer graphics display, after which they will receive free computer graphics samples as souvenirs of their visit.

The department operates the large scale BNL Central Scientific Computing Facility (CSCF) which supports the overall research program at the Lab. Related services (such as application programming) are also provided. The CSCF includes two large CDC 6600 electronic digital computers and a CDC Cyber 70/76 large scale computer. Research facilities as distant as the Richland Laboratory and Battelle Laboratory, both in the state of Washington, have access to Brookhaven's computers via a network of telephone lines for which they pay a fee. With these computers, researchers at Brookhaven are able to reduce the massive volume of raw data generated by experiments to manageable and comprehensible results.

In addition to this weekend's mini tour of the Applied Mathematics Department and the Computer Center, visitors will view the 15-minute slide show entitled "Brookhaven's Quest" at Berkner Hall, take a bus tour of the Lab's 80-acre core site and visit the Exhibit Center. —Bradley Stolzer

Blood Types: Charting BNL's Flow

Your blood type: do you know it? Do you know how rare or common it is? Of the Lab's 685 donors who each contributed one pint of blood to last year's blood drive, it was estimated that 267 of them would share the most common blood type, O+. It turned out that the estimate was off by only 9, and that 258 pints of O+ blood were collected.

After O+, the next most common blood type is A+. The Lab contributed fewer pints of A+ blood than was estimated: for a group the size of last year's contributors, 240 of them could have been expected to have had A+ blood. BNL contributed 198 pints of this type.

The more rare blood group is AB. Out of 685 people, it was projected that 27 of them would have blood type AB+ and that seven of them would have blood type AB-. If you contributed blood to last year's drive and were found to have AB+, you were one among only 30 others on site. And, if your blood type is AB- and you donated one pint of blood last year at the Lab, you supplied one-half of all the blood of this type collected.

The blood donating process

Prior to donating, all blood donors are screened and examined according to standards established by federal, state or local health departments. In addition to taking each donor's medical history, volunteers check his or her temperature, pulse, blood pressure and hemoglobin. Approximately one pint of blood is taken from a donor by a trained technician or registered nurse. The liquid lost during blood donation is replenished by the body within 24 hours while replacement of the body's red blood cells takes up to eight weeks. Generally, a healthy person may donate blood five times a year.



You can take it with you . . . but don't. Give blood before you go on Wednesday, June 27 or Thursday, June 28. And, to help make the going easier, the Blood Drive will be awarding one of ten Exhibit Center tote bags (shown above) to employees who pledge to donate blood. Return completed pledge cards today to Jerry Kinne, Building 460. —photo by Humphrey

900 in '79

Jerry Kinne, coordinator of BNL's blood drive, has set a goal of 900 pledges for this year's drive to be held on June 27 and 28. To help attain that figure (which would be the largest number of donor pledges for a BNL blood drive in recent years), all who pledge to donate blood will be entered in a drawing to win one of five tote bags from BNL's Exhibit Center to be given away each day of the drive. A total of 10 bags will be awarded. Names will be drawn from pledge cards and winners will be notified by telephone.



Blanche Caruso is a cafeteria employee of eighteen years. Blanche works breakfast shift and the short order grille at lunch. She especially enjoys her breakfast shift, "People are so terrific at breakfast," she said, "I see them before their day even starts." She continued, "the people here are wonderful. I enjoy seeing all the different nationalities that pass through. We see the students here summers and then see them again as employees in five or six years. You feel like you've grown up with them," says Blanche in a motherly tone.



Shelly Faber is the head cashier at the cafeteria. When she began working here after graduating from high school two and one-half years ago, she started, like most other employees, by bussing tables. She enjoys her cashier position because "it gives me a chance to talk to everybody; I get to know people." What she doesn't like, she said, is when people complain to her about the prices. After all, she said, "I don't set the prices."



Eleanor Wanat has been with the cafeteria for eighteen years. She makes sandwiches at lunch. "I love it," she says, "I like the work involved and everything that goes with it." Do people like her sandwiches? "I'm sure if there was a complaint I would have heard about it," she answers with a smile.



Gina Viotto (right) has been a cook at the Lab for two years. She works at the deli station during lunch. She is occasionally able to talk to people waiting in her line, despite the lunch rush. She has worked as a book keeper, but she says, "I like this better." Head cook Edith Woodley was not available to interview.

Care - Cafeteria Crew's Secret Ingredient

The cafeteria employees are members of a dedicated and caring team who work hard to put a varied menu on the table for hundreds of people every day. Part of the reason they do their jobs so successfully is the good relationship they share among themselves. "The people here are so nice," says Eleanor Wanat. Gina Viotto agrees, "nobody pushes you here" she said, "as long as you do your work well." These employees have been at the cafeteria for a number of years, some for as long as 18 years. They are remarkable, especially because "the average turnover rate for food service employees is four months," according to Roy Johannesson, cafeteria manager. "This place is the greatest," summed up Blanche Caruso, "it really is." —Bradley Stolzer

—photos by Humphrey



Donna Dykeman, who has worked in the Lab's cafeteria for two years, has been involved in food preparation practically all her life. After attending the Culinary Institute in Hyde Park, New York for two years, Donna began catering parties from her home, including her brother's wedding party. Although she works on smaller dinner parties at the Lab in addition to her day shift, she finds it "more of a challenge to get the food to look and taste good when cooking for three hundred people."



David Stewart has been working in the cafeteria's kitchen for seven years. "I like the people," says David. Although the dishes and utensils are washed by machine, David washes the pots himself. How many pots does he wash on an average day? "A lot," laughs David, "an awful lot."

BROOKHAVEN BULLETIN

Published weekly for the employees of BROOKHAVEN NATIONAL LABORATORY

BERNICE PETERSEN, Editor
ANNE BAITTINGER, Staff Writer
ROSANNE PAGANO, Editorial Assistant

40 Brookhaven Ave., Upton, N.Y. 11973
Telephone (516) 345-2345

CARL R. THIEN, Public Relations Officer

IBEW Negotiations

The labor contract between the Laboratory and the IBEW expires July 31, 1979. The first negotiations session took place Monday, June 4, at Berkner Hall, and the second session was held Tuesday, June 12.

Members of the Laboratory Negotiations Committee are: J. Washburne, R. D'Angio, D. Davis, W. Webster, and J. White.

Members of the Union Negotiations Committee are: C. Geonie, F. Candiano, G. Dioguardo, S. Ebron, S. Gracia, C. Hobson, D. Johnstone, D. McGrath, F. Norton, R. Safranek, J. Salvato, S. Strelecki, and D. Husted, International Representative.

About Discount Coupons

Please note that through June 17, passenger on United or American airlines will receive discount coupons entitling him or her to purchase an airlines ticket at a later date at a reduced rate. Employees who fly United or American (or other carriers who may offer discount coupons in the future) while on Lab business and who receive such coupons are advised that they constitute government funds and as such must be returned to the travel office upon the employee's return to work. A record is maintained by the travel office of all returned coupons.

Volleyball

A party for volleyball players will be held on Friday, June 22, starting at 5:15 p.m. A buffet snack will be served.

Cafeteria Menu

Week Ending June 22, 1979

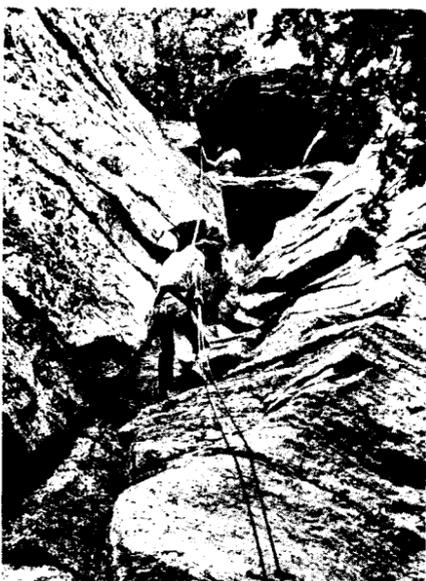
Monday, June 18	
Tomato vegetable soup	(cup) .30 (bowl) .40
Macaroni and cheese & 1 veg.	1.15
Grilled ham steak & 1 veg.	1.45
Hot Deli - Pastrami	(on bread) 1.30 (on roll) 1.40
Tuesday, June 19	
French onion soup	(cup) .30 (bowl) .40
Vegetarian omelette & fr. fr.	1.25
Meatloaf and hash browns	1.30
Hot Deli - Corned Beef	(on bread) 1.40 (on roll) 1.50
Wednesday, June 20	
Pepperpot soup w/spaetzle	(cup) .40 (bowl) .50
Tuna noodle casserole	1.25
Southern fried chicken w/corn fritters	1.35
Hot Deli - Veal pattie and peppers hero	1.30
Thursday, June 21	
Chicken noodle soup	(cup) .30 (bowl) .40
Pork and cabbage crisp	1.35
Salisbury steak & 1 veg.	1.25
Hot Deli - Baked Virginia ham	(on bread) 1.30 (on roll) 1.40
Friday, June 22	
Manhattan clam chowder	(cup) .40 (bowl) .50
Salmon cakes w. cream sauce and buttered noodles	1.40
Beef stew on rice	1.40
Hot Deli - Sandwich steak	(on bread) 1.40 (on roll) 1.50
Saga Foods	

Mountain Club

Eighteen people gathered at the Gunks last Saturday for a day of rock climbing and hiking. Club members set up two ropes and spent the morning climbing and rappelling the cliffs. After eating lunch at about 2 p.m., the group took a four-mile hike to the tower overlooking the Mohawk Hotel. They returned to the cliffs about 7 p.m. and went into New Paltz for dinner before leaving the area two hours later to arrive home after midnight.

At last month's meeting, officers were elected for the new season which begins in September. Replacing Don David as president is Ray Tessmer while Dick Watson will be replaced by Anita Swoboda as Club secretary/treasurer.

The last meeting of this season will be held Thursday evening, June 21, at 7:30 p.m. in the North Room of the Center. Topics to be discussed are BERA participation awards, camping at Watch Hill and a beach party. John Hattayer will show slides of his recent ten-day voyage to the Bermuda Triangle. Refreshments are available and all are welcome.



Have ropes, will rappel: members of BNL's Mountain Club climb the Gunks on their overnight trip earlier this month.

Arrivals & Departures

Arrivals

James G. Alessi	Accelerator
Daniel J. Alexander	Plant Engr.
Constance E. Barnard-Murray	Energy & Env.
Anthony J. Campillo	Energy & Env.
H. Lee Conway	Energy & Env.
Paul Dempsey	Nuclear Energy
Linda J. Hanlon	Supply & Materiel
Heather L. Hartmann	Accelerator
Bonnie L. Jones	Personnel
Charles L. Knauf III	Accelerator
Robert H. Rothman	Biology
Theresa A. Russo	Ph. & Gr. Arts
Roger R. Stoutenburgh	Ph. & Gr. Arts

Departures

Kenneth H. Dunton	Physics
Carolyn Eterno	Nuclear Energy
Sawang Prachuktam	Nuclear Energy

Service Awards



Two employees of the Central Shops Division recently received service awards. Una Randall (25 years) and John Halada (20 years) were presented the awards by Robert Lehn (center), Central Shops Manager.

—photo by Humphrey

Records Toppled by Cyclists

A slightly warm, hazy sunny day was the setting for last Sunday's bicycle race held at the Lab. A total of 30 racers entered; 18 in the single-lap time trials and 12 in the two-lap bunch start, three of whom had flats and did not finish. The course was the same as last fall, starting and finishing at the North Gate to avoid conflict with cars. The new course is estimated to be 15.8 miles, 0.7 mile shorter than the original.

In spite of a two-mile stretch of newly graveled road and a moderate south-west wind, new course records were set in three categories. The best time in the single-lap time trial event was an astonishing 43:58 (21.6 mph) by Robert Ensor from the Stony Brook Computer Dept. No previous time trials have been held at this course distance. The best trial time for the 16.53 mile distance was 50:07 (19.8 mph) set by Jean Bussiere in 1974. The best single-lap time in the two-lap, bunch start event this year was 40:43 (about 23.3 mph) by Greg Price. This is a big improvement over last fall's best lap time of 43:15 set by Paul Harter, but probably falls short of Gary West's 1977 mark of 42:14 (23.5 mph) for the old course distance.

The best two-lap time this year was 82:10 (23.1 mph) by Ulf Orhaug, a Swedish exchange student sponsored by Richard Watson (Physics). This is a substantial improvement over Andrew Alburger's 88:16 last fall - Andy had a flat tire this time.

Herman Geist ran the meet, assisted by his wife and Cindy Morgan. The Radio Club furnished communications and a sag-

wagon. Suffolk County police stopped cross-traffic for the racers at the Lab entrance.

Single-Lap Time Trials

Junior Men

1. Mike Elzinga	48:08
2. Adam Scott	51:12
3. Robert Orsini	51:51
4. Warren Smith	52:49
5. Ed Thieberger	53:06
6. John Smith	53:26
7. Roner Arbel	62:08

Senior Men

1. Robert Ensor	43:58
2. Paul Harter	44:33
3. Dennis Nordstrom	46:38
4. Manfred Haberl	48:54
5. Norman Rohrig	50:36

Veteran Men

1. David Smith	44:04
2. Gerry Morgan	50:01
3. Richard Squires	50:21
4. Al Deneuve	57:33
5. Ernest Courant	59:09

Veteran Women

1. Joan Watson	65:04
----------------	-------

Two-Lap Bunch Start

1. Ulf Orhaug	82:10
2. Daniel Murphy	82:15
3. Fred Masters	82:16
4. Greg Price	82:34
5. James Watson	82:55
6. Gavin Watson	83:05
7. Scott Price	84:07
8. John Ferrero	87:05
9. Ron Wittlock	90:55
10. Andrew Alburger	dnF
11. Andrew Mingino	dnF
12. Harold Udreth	dnF

Tennis Open Tickets

Ticket order forms for the U.S. Tennis Open are now available in the BERA Sales Office in Berkner Hall for employees who wish to purchase tickets in advance. The 1979 U.S. Open will be held at the National Tennis Center, Queens, New York from August 29 through September 9.

Microprocessor Club

If interest warrants a weekly meeting of those interested in discussing micros, chips, peripherals, software and related topics will be organized. Contact Jim Hainfeld, Ext. 3372, for further information.

CREF Values

August	\$42.17	September	\$41.86
October	38.18	November	38.80
December	39.44	January	40.90
February	39.47	March	41.60
April	41.61	May	\$40.58

EMERGENCIES

2222

EMERGENCY PHONE NUMBER

Call For BNL Crafts

The first BERA Members Crafts Exhibit opens at 5 p.m. on Thursday, August 2 and runs until Tuesday, August 14 in Berkner Hall. All BERA members including employees, related family 16 years of age and over and retired employees are invited to contribute their work to the exhibit. Please note that no pictures or sculpture will be accepted as there was an exhibition of employee's work in these media last winter. The show may be seen from 9 a.m. to 5 p.m. Monday through Friday. Crafts will be

demonstrated at the opening party (which all are welcome to attend, especially exhibitors and their families) and at selected lunchtimes throughout the showing.

In order that a printed catalogue can be ready for the opening, the Art Committee requests that exhibitors complete two forms for each work he or she intends to show. Forms should be returned to the BERA Sales and Services store in Berkner Hall no later than July 13. Exhibitors will be notified as to where to deliver and pick up their work. The Committee can accept only two works from each contributor. All items must be prepared for hanging or display.

Name of Artist.....

Title of Art Object.....

Medium.....

Name of Artist.....

Title of Art Object.....

Medium.....

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.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all nonscientific 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, as indicated below. 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: Opportunity for present Laboratory employees.

1017. ADMINISTRATIVE ASSISTANT - Office of the Laboratory Director. Wide range of duties includes secretarial functions and extensive contact with both internal BNL staff and outside officials. Requires minimum two years of college or equivalent; excellent oral and written communications skills; and substantial relevant Laboratory work experience at a responsible level. Interested applicants should contact Janet Whitehead, Personnel Office, extension 2872.

1018. SECRETARY - Requires excellent typing, stenographic and communication skills. Must have background in or capability to be trained on Amtext 425 word processing equipment. Will perform standard secretarial duties for two groups of scientists in reactor safety division. Department of Nuclear Energy.

1019. LAMP CLEANER - Plant Engineering Division.

OPEN RECRUITMENT: Opportunity for present Laboratory employees and outside applicants.

1020. DEVELOPMENT ENGINEER - Requires MS in chemical or mechanical engineering or equivalent experience in application oriented engineering projects. Will work with the engineering technology group in developing improved or alternate energy technologies which utilize abundant and renewable resources. Department of Energy and Environment.

1021. OFFICE SERVICES ASSISTANT (temporary) - 4 months position. Approximately 50% of time will be spent filing and 50% operating Ozolid and Xerox copying machines. Some ordering and typing. Requires clerical and typing abilities. Plant Engineering Division.

Autos & Auto Supplies

68 BUICK RIVIERA - good cond, ps/pb, p/seats, p/w, cruise control. \$400. Ext. 2022, 727-9058.

ALUM WHEELS - 13", mounted on radials, suits Dat-sun 200SX or equivalent. 4/\$300. Donna, Ext. 2262.

74 VEGA HATCHBACK - excel inside/out, runs well, AM/FM, high mi. \$1000. Debbie, Ext. 4173.

69 CADILLAC - 2 dr Coupe de Ville, full pwr, orig owner, good cond. \$750. Ext. 4503, 472-0035.

72 PONTIAC STA WGN - ps/pb, a/c, AM/FM radio, good second car. Ext. 3431.

DELCO AM CAR RADIO - from Chevette, 1 yr, old, excel cond. \$25 firm. Josephine, Ext. 4144.

73 GMC PICKUP - heavy duty, 8' bed, V8-350, a/c, a/t. \$2300. Julie, Ext. 2942, 929-6460.

69 VOLVO 144 - 4 dr, std trans, good cond. \$800. 331-9325.

TIRES - new, used, rims, service, free installation, balance avail, Gillette, BF Goodrich. Fred Usack, lunch-time Ext. 4798.

72 CUTLASS SUPREME - silver/blk vinyl roof, blk int, excel cond, 84,000 mi. \$1350. Bill, Ext. 2011, 728-8528.

70 DODGE SWINGER - V8, 4 spd on floor, must see. 928-5199.

70 AMC HORNET SST - 2 dr, 6 cyl; new a/t, snows, starter, batt; 2 extra wheels, radio, trailer hitch, reg gas, very good cond, gold/blk top. \$1000 firm. L. Green, Ext. 2944, 473-2764.

72 FORD TORINO WGN - good running cond, 4 dr, p/s. \$700. Bob, Ext. 3497 Tues, Wed, Thurs only.

68 OLDS (2) - 1 for driving, 1 for parts. Walt, Ext. 3006, 821-9223.

TIRES - E78-14 & GR78-14 Uniroyal snows; Philco in-dash AM pushbutton radio. Chris, Ext. 3919, 929-4310 after 6.

BUG - trailer hitch, 2-5 hole rims & tires, good tread; 65 VW trans overhauled. AT6-8353.

72 PONTIAC LEMANS - ps/pb, a/t, clean, burns reg gas. Dick, Ext. 4313, 722-4596.

TIRES - good for spares, (3) E70-14, (1) 7.35-14 snow, (2) D78-14, (1) 7.50-14 w/rim, \$10; rest \$3-8. Rich, Ext. 4172.

73 DODGE MOTORHOME - 22', sleeps 6, very good cond, fully self cont. \$5500. Ext. 4393.

2 WHEELS - w/old tires, from Plymouth Duster. \$10 ea. Ext. 3284.

65 CADILLAC COUPE DE VILLE - generally good cond, runs well, excel steel belted radials, muff, buy one while they last. \$350. Ext. 4463, 929-4923.

62 FALCON - 6 cyl, 132,000 mi, body & eng in good cond. Best offer. J. Lynch, Ext. 4510, 744-0843.

74 BUICK ELECTRA - excel cond, full pwr, a/c, AM/FM stereo, new radials, blue/white vinyl top. \$1650. 924-3588 after 6.

32 FORD COUPE - hot rod, new 396 Chevy eng, 400 trans, 80% finished, must see. \$4800 firm. Mike, 289-5704 after 5:30.

AM RADIO - w/6x9 spkr out of AMC, both brand new cond. \$20. Chris, Ext. 4612, 281-7379.

72 CADILLAC - fully automatic, a/c. \$2000. 234-7225.

70 FORD GALAXIE - excel running cond, needs body work. \$200. Judy or Kenny, 928-6939.

76 HONDA 400F - 4 cyl, windshield, sissy bar, luggage rack, safety bar, new tires, truck horn, cover, 55 mpg, mint. \$1050. Gail, Ext. 2904, 265-1688.

76 SUZUKI RM250 - stock, excel cond, never raced. \$735. Mike, 473-2608.

NEW W/W TIRE - 4 ply F78-14 Goodyear custom power cushion belted polyglass. \$30. Frank, 727-5527.

69 BUICK SKYLARK - 2 dr, ps/pb, a/t, a/c, runs well, must sell, any reasonable offer. Stan, 286-3333.

68 CHEVROLET - 4 dr sedan, Caprice, full pwr, good cond. \$750. Ext. 4503, 472-0035.

77 LINCOLN TOWN COUPE - fully loaded. \$7000. 654-5046.

73 FORD LTD WAGON - excel cond, 54,000 mi, a/c, radio, new tires. \$1800. Ext. 7730, 286-8097.

71 PLYMOUTH DUSTER - 2 dr, gold, V8 eng, 69,000 mi, good cond. Rhonda, Ext. 4106, 878-1731.

69 PONTIAC LEMANS - runs. \$100. Mike, 727-5527.

71 DATSUN 240Z - good cond, AM/FM cassette. \$2800. Ext. 4749, 286-8346 after 6.

71 VW KARMANN GHIA - 22,000 mi on new eng, good cond. Kathy, Ext. 4142, 929-4182.

72 PLYMOUTH FURY - new brakes, recent tune-up. \$500. Kearns, 288-9086.

65 VW - rebuilt motor (11,000 mi), new clutch, radials, fair body, excel running cond. \$500. Rick, 286-3372.

73 YAMAHA MX-250 - trail bike. Asking \$400. 821-0599.

75 FORD ELITE - 57,000 mi, a/c, ps/pb, extras, excel. \$2900. Paul, Ext. 2023, 727-1464.

67 DODGE DART - runs & looks good, 2 new tires, new brakes, good mileage. \$400. C. Ruege, Ext. 4351.

72 PINTO STA WGN - 59,000 mi, good cond. \$600. Ext. 2339.

HONDA CL450 - windshield, sissy bar, crash bar, custom paint, 50 mpg, well maintained. Steve, Ext. 4212, 399-3910.

67 TOYOTA LAND CRUISER - 4 w/d, 57,000 mi, 6 cyl, 3 spd, good cond. \$2000. Mitch, 288-9066.

75 PACER X - a/t, ps/pb, a/c, bckts, vinyl roof, sports wheels, Michelin tires, 19-22 mpg. \$2000. Ext. 4209.

Boats & Marine Supplies

2 FOLDING FISHING CHAIRS - w/Lees chrome plated gimbals. \$35 ea. Lou, Ext. 4615.

13'7" GLASPAR - 40 hp elec start Evinrude, trailer & other access, all good cond. \$500. J. Semkus, Ext. 3352/3358.

32' CHRISRAFT - twin 350's, FWC, VHF-CB, sonar, depth recorders, fighting chair, ginpole, salt water temp. 732-7806.

15' WOODEN SKIFF - w/18 hp Evinrude, boat good cond (just painted), eng has low hrs but needs tune-up & head gasket. Asking \$325. Terry, 281-0360.

21' BAYLINER-LIBERTY - 1976, 170 hp Volvo I/O, full camper canvas, DF, CB, compass, fully loaded showrm cond. \$7900. Linda, 698-7661.

GARVEY - 20'x7', cabin, glass over wood, good heavy work boat. \$650 or best offer. Lawrence, Ext. 4107, 472-0721.

SAILBOAT - 1977 AFC Kingfisher, 12' centerboard sloop, trailer. R. Boie, Ext. 4232, 286-3285.

24' ZOBEL SEAFOX - inbd 6 cyl 124 hp. Best offer over \$200. Ext. 4126, 281-4437.

6' WOOD OARS - w/horns incl. \$15. Dick, Ext. 2881, 286-3372.

BOAT FENDER - 10"x26" adjustable pressure, hardly used. \$30. B. Espensen, Ext. 3992, 298-4172.

17' FIBERGLASS SAILBOAT - 3 dacron sails, 27' mast. P. Fallon, Ext. 3043.

1972 WELLCRAFT - V-20, 165 I/O, new full canvas & seats, extras, very clean, trailer. Asking \$4795. 821-0599.

16' COBIA 1971 - w/1975 - 50 hp Johnson, showrm cond, extras. 666-6727.

EVINRUDE-JOHNSON - 40 hp propeller, never used. \$15. Joe, Ext. 2506.

Yard Sales

MEDFORD - 118 Peconic Ave, June 16-17, 10-5, women's clothing, furn, misc. Muriel, Ext. 2470, 289-1608.

Miscellaneous

CAMPER REFRIG - 4 cu ft, gas, 110v, elec gas system, needs work. \$100. D. Vail, Ext. 2046, 924-4058.

PHASE SHIFTER/VOLUME PEDAL - Morley PFV, mint cond, w/vinyl case. \$90. Charlie, Ext. 3950.

MOVING TO S. AMERICA - selling contents of house, furn, etc. Ext. 4605, 744-6482.

RC ASTRO .05 - twin elect motors, batt, charger, motor controller. \$110. Rick, Ext. 4664, 475-7652.

40" PLAYPEN - \$7; high cha r, \$4; stroller, \$5; men's 6-function LED watch, goldtone band & case, excel cond. 698-3856.

FRIGIDAIRE REFRIG - frost free, bottom freezer, excel cond, we'll deliver. \$115. 744-5801.

7 MM INTERARMS MANNLICHER - bolt action, Monte Carlo stock, Bushnell 1 1/2x5 1/2 variable scope, excel. \$325. 589-0421.

SUNBEAM ELEC KNIFE - helps stretch meat budget, mint cond. \$10. 281-8458.

TRUMPET - King model #600 w/case, excel cond, for beginning or int student. \$100. Ed, 929-4522.

FENCE - 160'x4' green vinyl, heavy duty, top rails, gate & posts, excel cond. 924-3553.

MEN'S BOWLING SHOES - size 9, brand new, nice quality. Don, Ext. 4346.

MOVING - selling contents of house. 473-6386 after 5.

RCA 21" COLOR TV - needs pwr transformer, excel otherwise. \$10. GR5-8658 after 7.

YAMAHA G235 CLASSIC GUITAR - 1 mo old, unused, good tone, straight neck. \$95. Ext. 2807.

BABY ITEMS - crib, \$45; port-a-crib, \$20; ch table, \$20; playpen, \$30; stroller, \$20; bicycle carrier, \$10; car infant seat, \$10. J. Arbeit, 928-5714.

ARTLEY "C" FLUTE - silver plated, excel cond. \$110. C. Gayton, 732-2897.

POOL TABLE - good cond. \$100. Muriel, Ext. 2470, 289-1608.

CHILD'S DRESSER - 4 drawers & 1 door, excel cond. \$25. John, Ext. 4425, 744-4386.

A/C - 5000 BTU; 19" color TV. Ext. 7684, 981-2899.

6-BULB CHANDELIER - mod, new, never used. \$20. Joe, Ext. 4547, 399-2018 eves.

TIRES - (2) 6.50-13, approx 2/32" tread. \$3 ea. 924-7025.

BROADLOOM RUG - w/pad, 9x12, dk green, perf cond. \$50. G. Bergin, 286-0866 after 5.

MACRAME HANGER - dbl pot, natural color, 4 ply jute, \$10; 4 dinette chairs, camel color, saddle bag straps, \$60. K. Asselta, 281-0843.

A/C - GE 12,000 BTU, 115v, used 1 season, like new, settling estate. \$225. G. Latham, 289-1883.

REFRIG - 20 cu ft, bottom freezer, Admiral, white. \$60. Ed, Ext. 2434.

SEWING MACHINE - Singer straight stitch, excel cond, w/case. \$50. Ext. 3303 days.

LENSES - Canon 28mm, F3.5 FL & Tamron 200mm F3.5 for Canon fl mount; en arger, Omega CS-25. \$200. Witkover, Ext. 4607, 368-0452.

LILY OF VALLEY PLANTS - 100/\$5; evergreen fir & spruce, you dig, 2/\$7; lilacs, \$2 ea. G. Formhals, 727-1617.

AMERICAN FOOD PROCESSOR - w/attachments, barely used. \$30. C. Auerbach, 286-3742.

HEATHKIT RC - 4 channel, 1 stick transmitter, receiver, 3 servo's. \$75. Rich, Ext. 4664, 475-7652.

23" B/W TV - walnut wood console, needs work. \$25. S. Padwa, 698-3856.

RATCHETT SET - new 40-pc combo, std & metric, 3/8" & 1/4" drive, 34 sockets. \$12.50. Jan, 286-3623.

MINOLTA 700 CAMERA - 126 auto w/manual override F2.8 lens, case. Asking \$25. Don, Ext. 7612.

MOVING TO S. AMERICA - selling contents of house, furn, etc. Ext. 4605, 744-6482.

OBOE - wood body, open hcle, w/case, \$25; D-flat piccolo, w/case, \$95. Ext. 3835.

COLDSPOT FREEZER - 17.4 cu ft, white, holds 600 lbs, excel cond. \$300, will deliver. T. Clifford, 744-5801.

WOOD WINDOW - 2'x6' frosted & insulated, solid pane. \$50. R. Stark, 286-1618.

WALKIE TALKIE CB - ideal for marine use, SW 40 channel cap. \$60. Kay, Ext. 3399, 286-8957.

BABY DUTCH RABBITS - \$2.50; baby gerbils, \$1; all ready to go. M. Zucker, 878-2372.

2 GUINEA PIGS - + 20 gal aquarium, \$12; boy's bicycle, \$10; 3.50x18 Knobby, \$5. Chuck, Ext. 4305, 698-0710.

2 PA COLUMNS - w/2-12" spkrs in ea, excel cond. \$100/both. Charlie, Ext. 3950.

COFFEE CANS - about 30 w/lids. \$1. Bernstein, Ext. 4382.

B/W TV - 25". \$40. Izzy, Ext. 3696.

A/C - Fedders 12,000 BTU, high eff, good cond, 110v, 12 amp. \$100. Paul S., Ext. 4665, 727-4859.

REEL MOWER - \$25; camp cooler, \$10; recliner, \$10; bathinette, \$10; bookcase, hair dryer, record & umbrella stand, \$5 ea. Palais, Ext. 2907/2913, 698-0576.

30-06 BSA MONARCH - bolt action Monte Carlo stock, Redfield wide field 3x7 scope, mint. \$275. P. DeSantis, 589-0421.

1 PR SPKRS - ESS Heil air motion, performance series model 5, less than 6 mos old, mint cond. \$275. Ext. 4701, 271-2877.

TRUMPET - King #600 w/case, excel cond. \$100. Ed, Ext. 4636, 929-4522.

GUITAR - new Yamaha Classic G235, excel tone. \$95 firm. Ext. 3974.

FREE - b/w portable TV, almost works. Hans, Ext. 4581, 281-5563.

A/C - Emmerson, 9 yrs old, 100 hrs working time, 6000 BTU, in box. \$50. R. Wieser, 929-6525.

JUICER - Braun Multipress, like new. Sells for \$80, asking \$40. K. Robins, 727-0987.

ORGAN - Thomas Color Glo, fully auto, \$1000; all formica office desk, mod, \$100. J. Soler, 234-7225.

WINDOW A/C - Emerson Quiet Kool, 6500 BTU. \$50. Ray, Ext. 4710.

ELEC TOASTER - 2 slice, like new, \$10; Black Angus broiler/oven, works well, \$10. Nick, Ext. 2524.

70 LAYTON 18' - sleeps 6, self-cont. \$1595. Ext. 2957, 981-8386.

FRANKLIN WOOD STOVE - all cast, 26" grate. \$175. S. O'Kula, 722-4821.

A/C - 7000 BTU, EER 8.1, Carrier, excel cond, \$75; 10 spd men's bike, 23" frame, \$60. N. Rohrig, Ext. 3465, 744-7981.

WATER PUMP - Jacuzzi 1/2 hp & plastic lined water tank. \$75. F. Chandler, 231-3762.

A/C - Fedders, very old but operates well. \$25. D. Vail, Ext. 2046, 924-4058.

FISH TANK - 29 gal compl set-up incl stand, \$75; 10 gal tank, \$10. L. Tempesta, 698-8009 after 6.

16' ROSS BICYCLE - w/training wheels, excel cond. \$35. L. Burgar, Ext. 4164.

ELEC MOWER - 18" dual blade. \$35. Vinny, Ext. 4285.

RACING BIKE - Bob Jackson 23" w/campy, Galli, SR, Sugmo- parts. Ext. 3785, 286-3679 after 1.

A/C - Fedders 11,000 BTU, 230/208v, excel cond. \$100. Natalie, Ext. 7618, 698-6437 after 6.

CERAMIC KILN - Skutt mod 231-18", new; United upright freezer, 72"x34"; accordian, "Crucianelli," made in Italy. A. Mesaros, 821-0832.

GE A/C - Slide/Aire 14"x32", 6000 BTU, 115v, excel cond. Asking \$125. Ext. 3284, 281-8458.

GOLF BALLS - Topline, reasonable. Geo, Ext. 4612.

CASTRO CONV - good cond, \$150; sun lamp, \$10; antique fireplace, \$50. Doreen, Ext. 2466.

ELEC GUITAR - Kent hollow body, 2 pickups, dual controls, tremlo, w/case, excel cond. \$50. E. Iberger, 331-3805.

2 SPKR SYSTEMS - JBL L100, hardly used, mint cond, in orig cartons. \$375. Ext. 4701, 271-2877.

BAR-B-QUE - charcoal water-smoker, excel cond, 1 yr old. \$25. Madeline, Ext. 4316.

23-CH CB - 5-watt, portable transceiver, batt, charger, car adapter incl, excel cond. \$75. Doris, Ext. 7610.

MEN'S SKI BOOTS - size 9, \$20; toaster oven, \$10; Decca stereo, \$25, negotiable. Dolores, Ext. 7617.

MEXICAN PARROT - pigeon size, w/cage. Asking \$100. Ext. 2972, 475-4974 after 5.

WEIMARANER PUPPIES - avail June 15-25, all AKC Championship stock, show, field & pet, outstanding bloodlines. For info call C. Meinhold, 286-8496.

ELECTRONICS TEST EQUIP - freq counter, \$35; FET Vom, \$25; VOM, \$10; design console containing var DC supply, 6.3 VAC, 180 VDC & audio gen, \$25. Don, Ext. 4551.

TRIPLE DRESSER - w/round mirror, \$75; Dan chair, \$15; recliner, \$45; flip back chair, \$15; single bed, \$50; lg dk brown formica lamp table, \$40. 928-5737 after 12:30.

GOLDEN RETRIEVER PUPS - AKC, champion lines, field/show. Walt, Ext. 3006, 821-9223.

S U P P L E M E N T

Volume 33 - Number 24

June 15, 1979

WASHING MACHINE - Westinghouse heavy duty, temp & spd selector, water saver. \$95. Bill, Ext. 4662, 298-4089.

72 STARCRAFT POPUP TRAILER - sleeps 6, 2-way refrig, 10x10 canopy, extras, excel. \$1300. Hichborn, 929-4133.

35MM ENLARGER - Safelite, auto tray siphon, trays, more, \$50; fan, 30", 2 spd, 1/2 hp motor, \$20. Frank, 727-5527.

MARIGOLDS - mixed colors. 12 plants/\$1. W. Stars, Ext. 4278, 298-9648 eves.

AXLE & 15" WHEELS - great for trailer. B. Espensen, Ext. 3992, 298-4172.

STRATOLOUNGER RECLINER - earthtone Herculon olefin, orig \$230, like new \$100; pine desk, \$20; 9x15 green rug, excel cond, \$75. 744-6874.

AKC SHELTYE - mini collie, 5 mo, male, champ sired, excel w/children. \$200 Chuck, Ext. 4305, 698-0710.

WOODEN FIREPLACE - white colonial, good cond, acc incl. \$50. 751-8223.

GE REFRIG/FREEZER - 13.5 cu ft, \$95; din rm set, 8 pcs, cherrywood, \$225. Ext. 2339, 643-4335 after 6.

DOG CAGE - 21"x27"x37", \$15; parrot cage, \$10. 289-8212.

CHEST FREEZER - 22 cu ft Amana, excel cond. \$250. I. Still, Ext. 4203, 472-2020.

MIKE W/STAND - Shure model PE515. \$65. Ext. 4003, 924-4373.

TURNTABLE - Philips 312 servo electronic, w/Shure V15 type III cart, guaranteed mint cond. \$125. Ext. 4701, 271-2877.

LADDER - extension type, heavy duty wood, 24', excel cond. \$35. Ext. 4306, 654-0806.

PANASONIC - auto reverse cassette car stereo CX-141EUA. \$80. Ext. 4415.

CALCULATORS - HP-29C w/chgr & manuals, \$140; TI-58 w/chgr & manuals, \$75; both excel cond. Dan, Ext. 4415.

SKIS - (2) 205 Vokik w/bindings, \$60; Kastle, \$5; ice skates, used once, sizes boy's 13-1, men's 9-10, ladies' 4-8; weight set, \$10. Ext. 3936/3129.

COLOR TV CONSOLE - 25" Sylvania, \$50; bentwood rocker, new, \$65; bar, \$25. Gervino, Ext. 4592, 281-1827.

WEIMARANER PUPPIES - avail June 15-25, all AKC Championship stock, show, field & pet, outstanding blood lines. 286-8496.

LILY OF THE VALLEY PLANTS - dug on order, 100 plants/\$5; 2 med size liv rm chairs, good cond, forest green. \$25/both. 727-1617.

GE WASHING MACHINE - \$50; GE b/w TV, \$15; 10 gal aquarium & fishes, \$8; 2 fans, \$5 & \$7; stereo-record player, \$15. Ext. 3129/3936.

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

STAMFORD, NY - 58 1/2 acre farm, 8 bedrm house, oil hot air heat, new bungalow, gas heat, furn goes with it, must sell. \$40,000. 732-5445.

SETAUKET - 3 bedrms, 2 baths, ranch, lg eik, fp, central air, full bsmt, 1/2 acre w/harbor view, s/s, w/w. \$75,900. Ric, Ext. 2266, 689-9210 eves.

PATCHOGUE - 2-3 bedrms fully insulated, Rapco-foamed sidewalls, dry bsmt, city water, low taxes, gar, carport, easy walk to village shopping & transp. Low 20's. 475-0465.

MASTIC BEACH - long-line ranch, 2 oversize bedrms, cabinet-lined kit, formal D/R, den, full bsmt, baseboard heat, 1/4 acre. \$27,000. 281-5498.

HOLBROOK - 3 bedrm ranch, appl, s/s, fenced yard, full bsmt. Ext. 2360, 588-4790.

BELLPORT VILLAGE - cozy 2-story house, 4 med size bedrms, eik, combo L/R-D/R, 1 1/2 baths, laundry rm, porch, 80'x147' corner, low taxes. Charlie, Ext. 4201, 234-8530.

NORTH FORK - LI Sound, secluded, 3 bedrms, 3 baths, 2 fp, rustic ranch in heavily wooded area, lg pine kit, L/R, D/R, fam rm, beautifully landscaped w/16x32 pool. John, 727-7741 after 6.

SETAUKET - Nassakeag Ridge, 3 bedrm colonial, lg fam rm, 1/4 acre treed, walk to Univ & elem school. \$65,000. Ext. 2443, 751-0637.

CALVERTON - 3 bedrm ranch, 1/2 acre wooded, Franklin stove, full bsmt, oil fired baseboard heat & water, low taxes, all appl, extras, non-develop area, dead end st, cash over, assume mtg. Joe, Ext. 7961, 727-7450 eves.

E. PATCHOGUE, SOUTH - mini-estate, 3/4 acre, fenced, wooded, cedar shakes, big screened porch, s/s, 5 rms plus fin bsmt, laundry rm, fp, eik, w/w, panelling, all appl, many extras. Low 50's. 286-3580.

MASTIC BEACH - 2 bedrm ranch, 12x24 den, deck, bsmt, \$820 taxes, 120x100 treed plot. \$25,000. 281-7763.

PORT JEFF STA - 4 bedrms, den, fam rm w/fp, 2 1/2 baths, detached gar & 1/2 w/workshop, lg eik, re-insulated, partially fin bsmt, new stockade fence. \$36,500. Ron, Ext. 3162, 473-6862.

ROCKY POINT - beautifully decorated 3 bedrm ranch, parquet floors, landscaped, walk to beach. Ext. 3128, 744-3782 eves.

SHOREHAM - custom built colonial, 4 bedrms, 2 1/2 baths, L/R, D/R, eik, fam rm, w/w throughout, s/s, 2-car gar, many extras, low taxes. \$56,000. Ext. 3040, 744-2821.

CALVERTON - mother/daughter 3 bedrm ranch, oil fired heat & water, s/s, fin bsmt, 1 acre prop. \$31,000. Ext. 2022, 727-9058.

SELDEN - Brookhaven Township, 3-apt house on 1/2 acre, good income investment, needs some work, low taxes. Ext. 4810, 732-7625.

CORAM - beautiful tudor cape, treed 1/2 acre, 2-car gar, all appl, w/w, gas heat, SD #11, 7% assumable. \$31,000. Ext. 2249, 732-6421.

E. PATCHOGUE - So./So. Ctry Rd, 5 rms, 2 bedrm ranch, .45 acre, alum siding, detached gar, screened porch, fp, full bsmt, low taxes, assumable mort. \$34,900. Ext. 7992, 286-2905.

FREEZER - about 5 cu ft, in working cond. Ext. 3403, eves 345-3079.

For Rent

WADING RIVER - 1 bedrm apt, walk-in pantry, wood-burning stove in fp, sunroom, all util pd, avail to show June 1. \$325/mo. 929-8846.

VT CHALET - beautiful furn, stone fp, woodland hiking trails, swimming pond, lake, canoeing, fishing, near golf, tennis, antiques, alpine slide, rent weekly. Ext. 3448, 757-5599 after 4 & weekends.

SHIRLEY - 2 1/2 rm studio apt, prvt ent, walking distance to stores, located next to Wm Floyd Pkwy, 5 min from Lab. \$190/mo, util incl. Ext. 4144, 281-4178 after 6.

MASTIC BEACH - furn rm, 10 min from Lab. \$35/wk incl linens, towels, kitchen & yard privileges. John, Ext. 3651.

BLUE POINT - bulkheaded canal front, 2 bedrm house, sitting rm w/balcony overlooking bay, 1 1/2 baths, secluded area, big yard. \$450/mo. Beitel, Ext. 4223, 363-2101.

BELLPORT VILLAGE - 3 rm apt, util, fine area, golf, tennis, ferry to Ocean, lease. 286-8850.

SHOREHAM - July and/or Aug, contemporary ranch, 3 bedrms, prvt beach rights. \$450/mo, util incl. Ext. 2440.

PT JEFFERSON - 4 bedrm house, quiet street, near beach, tennis, golf, avail late July-Sept 1. Diamond, 473-2473.

Wanted

ROOMMATE - female, room for rent close to Lab. \$30/mo, incl util. Claire, Ext. 3260.

RESPONSIBLE ROOMMATE - to share spacious 3 bedrm house in Pt Jeff. \$133/mo + util. Jack, Ext. 3433.

CAGE FOR GUINEA PIGS - inexpensive transformer for HO gauge train. Doug, Ext. 3388, 331-3329.

SHARE W/WORKING MOTHER - teenage daughter, home south of S. Country Rd, Bellport. 286-3575 eves.

MIMEOGRAPH MACHINE - in operating cond, for a church. Ext. 4492, 286-0384.

SM FIGERGLASS DINGHY - inexpensive. Ralph, Ext. 2368, 928-6654.

SM APT - 1 bedrm + kitchen, now to Jan 1, within 15 mi Patchogue. Ext. 4343, 286-0338.

6 CYL FORD ENG - 170 or 200 c.i., running. Bill S., Ext. 4434.

SCRAP LUMBER & TREES - needed for play gym. Pete, Ext. 4612.

HOUSE TO RENT - unfurn, 3-4 bedrms, E. Patchogue, Bellport, Brookhaven area. Rabinowitz, Ext. 7637.

POOL - at least 24' round or oval, w/filter, will trade ceramic kiln, or upright freezer, and/or accordion. Annette, 821-0832.

BOY'S BIKE - for 8-10 yr old, can be repairable. W. Sanchez, Ext. 3848.

TROMBONE - in good cond for my son, reasonable. W. Sanchez, Ext. 3848, 698-3145.

HOMES - for altered & spayed cats, kittens, too. A gift of love. Joann, 744-2821.

RIDE - reg to Manhattan 2/3 days/wk, bus hrs, or ride to Patchogue/Yaphank sta. F. Kabir, Ext. 4873.

CAKES, BAKED GOODS - all occasions, child's birthday, novelty a specialty. J. Medina, 924-6971 after 5.

HANDYMAN - all home repairs, South Shore only. D. Mennuti, 286-9249 after 6.

EXPERT TUTORING - certified teacher, reading, math to grade 12, French, German, English, in my home. \$10/hr. E. Shelton, 941-4328.

MUSIC LESSONS - all phases, all ages. \$8/hr, in or out of home. Gordon, Ext. 2012.

SAXOPHONE LESSONS - taught by college music major. Harry, Ext. 4504.

CARPENTRY - especially decks, college student w/ construction experience avail at reasonable rates. P. Watson, 286-3679.

ANTIQUA CARS - avail for hire, specializing in weddings, proms. Reasonable. Ext. 2022, 281-3460.

TREES REMOVED - cut down, free estimates; cordwood, seasoned, split, delivered, \$125/cord, \$65/half cord. R. Conklin, 475-2075.

RESPONSIBLE HOUSEMATES - adjacent to Stony Brook campus, July 1 - Aug 25. \$100/mo + util. Loren, Ext. 2677.

2 TIRES - F70-14 or F78-14, good cond & tread. Ron, Ext. 2677.

BOY'S 20" BIKE - bookcase. Ext. 7903, 751-3055.

SEARS WHITE BEDRM SET PCS - desk, night table, hutch, etc. 475-2998.

HIGHCHAIR - reasonable cond & price. Ext. 4193.

YOU - 2 openings exist, Red Cross general first aid course, Rocky Point, June 13, 20 & 27. Registration \$3.50. T. Gangwer, 744-7587.

BABYSITTER - for 2 1/2 mo twins, days, on site or nearby (South). Jeanne, Ext. 2364 mornings, 281-6776.

HOUSE TO RENT - 3/4 bedrm in Shoreham starting Sept. Longacre, Ext. 3713, 744-7157.

SM DINGHY - inexpensive. Ralph, Ext. 2368, 928-6654.

HOME - for black & white cat, 3 yrs old, never outside, spayed. D. Morgenthaler, 654-2093 after 5.

TANK - fuel oil, gal. Bob Cook, Ext. 4592.

HOME - for 3 yr old dog, playful & affectionate, good w/children, poodle mix. Ext. 3255, 744-1156.

TIRES - (2) or (4) G78-14 and/or G78-15. Tim, Ext. 2633.

RIDE - to NYC or NJ on Fridays after work to return Sunday or Monday. Sharon, Ext. 3578.

Car Pools

OCEANSIDE - or immediate vicinity, join or start car pool. Al, Ext. 3920, 678-4094.

LEVITTOWN - E. Meadow, Hicksville, Westbury area, want to form car pool. Brad, Ext. 2345.

2 DRIVERS NEEDED - vicinity Exit 32 So State Pkwy. Plotkin, Ext. 4717; Blackmur, Ext. 4670.

WADING RIVER - Clarendon area, single rider wanted for 2-person car pool. Ruth, Ext. 7774.

WESTHAMPTON - need 2-3 people for new car pool. David, Ext. 3359/4089.

HUNTINGTON AREA - start 2-3 man car pool or join existing one. Kurt, Ext. 7766, 757-2645.

SAYVILLE - W. Sayville, Bohemia area, existing 3-man car pool needs 2 more drivers. Ext. 2311.

BAY SHORE - join a car pool. Rod, Ext. 4805.

SETAUKET - Thompson Hay, to 112 Coram, will give ride on my way, on time. Yako, Ext. 2254.

Lost & Found

LOST - gold ring on 6/11/79 vicinity Bldg. 460. Anne, Ext. 2345.

LOST - Gold button earring - pierced, on site nr gym or women's locker rm. A. Nauman, Ext. 3404.

Services

EXPERT TUTORING - certified teacher, reading, math to grade 12, French, German, English, in my home. \$10/hr. 941-4328.

CORDWOOD - hardwood oak, maple, seasoned, split, delivered. \$125/cord, \$65/half cord. 475-2075.

HANDYMAN - all home repair, South Shore only. Nick, 286-9249 after 6.

CARBURETORS REBUILT - marine, auto, industrial, fast dependable service, Carter, Rochester, Holley authorized. Ext. 4087 noon only, 475-7067.

ROOFING-SIDING - reasonable rates, Rhd, Matt, HB, WR, Moriches area. Ray, Ext. 4479.

BABYSITTER - experienced, my home in Mastic Beach. Carol, 399-2018.

VILLAGE RACKET SERVICE - I am giving private tennis instruction; I also restring & regrip tennis rackets. B. Ausern, 289-0791.

BABYSITTING - experienced, on site only. Debi, Ext. 3116 (from June 24 to Aug 9).

BABYSITTING - housewife will babysit children in her home, experienced, Manorsville area. 727-4994.

TREES CUT DOWN - stumps dug, clean-ups, light hauling, free estimates. 475-2075.

CB PERFORMANCE TESTS - only \$1.00, RF power test AM/SSB, SWR test, percent modulation test. Frank, Ext. 4798 lunchtime.

ASPHALT PAVING & SEALING - Bob, 475-4382.

ANTIQUA CARS - avail for hire, specializing in weddings, proms. Mike, 281-3460.

MOVING - pickups, deliveries. Ext. 3156.

TV REPAIR - free estimate w/all carry-in TV's. Frank DiCrescio, lunchtime Ext. 4798, eves 399-1803.

LECTURES - experienced American Indian speaker avail for lectures, free brochure upon request, Box 174, Mastic, NY. Ext. 2238.

ARCHITECTURAL DRAWINGS - prepared for home additions & improvements. Bob, 757-3178 eves.

BABYSITTING - days, my home. \$1/hr full time. Carol, 399-2018.

ROTOTILLING - the Troy-Built way. \$15 does up to 20'x40'. 698-6335 before 3.