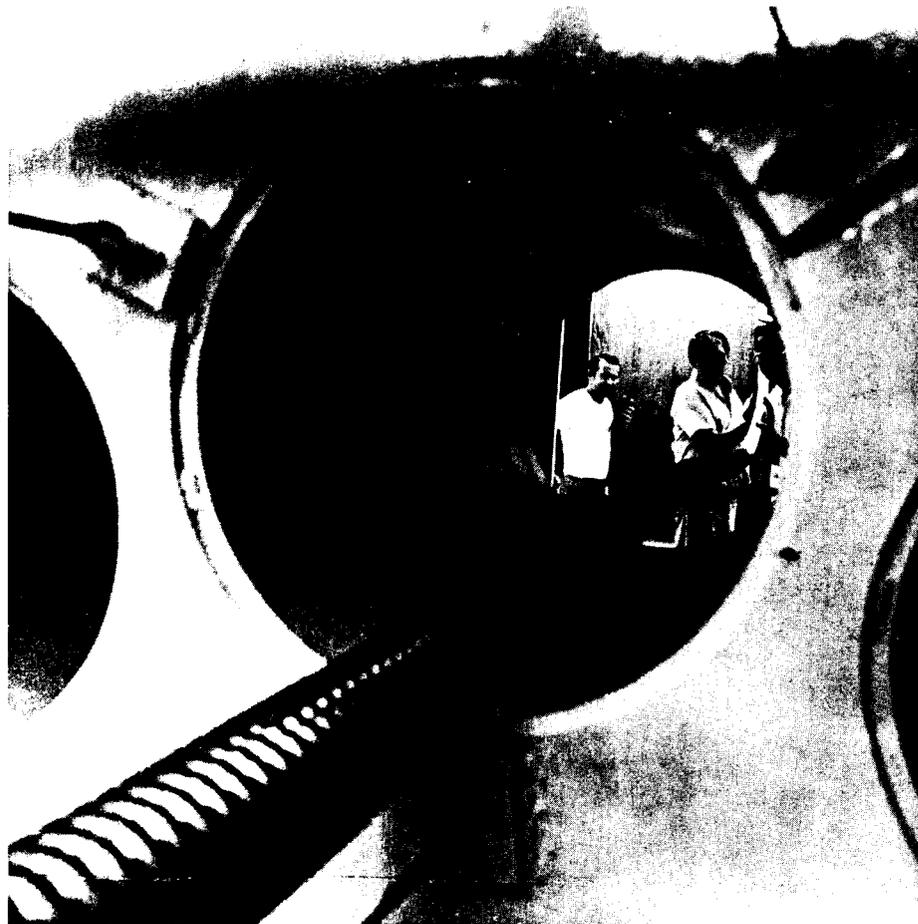


BROOKHAVEN BULLETIN

Volume 33 - Number 34 / August 24, 1979
BROOKHAVEN NATIONAL LABORATORY

Power Transmission Group Readies Complete Cooling Test



After Labor Day, the Power Transmission group will run the first performance test of a 100 metre cable, and its associated systems, at the Fifth Avenue demonstration site. In preparation for the test, a thermal cable which simulates the performance of the actual electrical cable, was recently fed into the enclosure as technicians Bob Kowalski (left), Hank Noehren and John Wilcenski supervised its unloading from the 4½ ton cable pay-off reel. Although successful tests have been made of smaller cables, this will be the first testing of the full length cable, to see if the whole enclosure will cool down to 6° K. After the performance of the complete system has been evaluated, the next step will be the making of the "real McCoy" - the 100 metre superconducting cable - next year.

—photo by Rosen

Homeowners To Monitor Energy Use

Just as a scale helps a dieter by providing immediate feedback and reinforcement of his behavior, preliminary "energy feedback" research indicates that homeowners who are provided such immediate information about their energy consumption typically cut that consumption by about ten percent.

This is why DOE and Consumer and Corporate Affairs Canada are jointly sponsoring a program later this year to provide some 600 families with devices known as Energy Cost Indicators (ECI). The devices will be supplied by Honeywell, Inc., under a contract awarded by Brookhaven's Conservation Program Management Group. According to BNL's Tony Hendrick, who developed the specifications with a staff member of the National Bureau of Standards, 153 requests for proposals were sent out by Brookhaven. Seven proposals were returned and evaluated, and Honeywell was awarded the contract. The Brookhaven group is responsible for assisting DOE's Technology and Consumer Products Branch in planning and managing programs, primarily in the areas of building systems controls and space conditioning equipment.

The costs of the ECI program will be shared by DOE and the utilities of the six participating cities; Boston, Dallas, Minneapolis, San Francisco, Montreal and Vancouver. The cities were selected for their geographical distribution and for their high heating or cooling requirements.

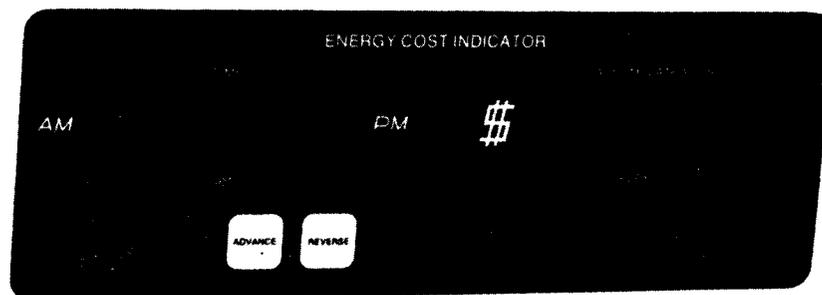
The ECIs developed by DOE are about

10" by 12", and have a digital readout housed in a silvertone casing. Normally, the indicator shows the cost of the household's gas and electricity as it mounts, penny by penny, for 24 hours from midnight to midnight. In addition, with a touch of a button, the homeowner can see in the readout space: utility costs for the previous 24 hour day; what the cost for the next hour would be if no appliances were turned on or off and the accumulated cost of the utilities for the month, from midnight of the first calendar day to the moment of reading. Thus, a family could easily compare costs for a 24 hour period when an air conditioner is operating, for example, with a 24 hour period in which the air conditioner is turned off.

In each city, the participating utilities will choose 400 families: 100 will receive an ECI and energy educational materials; 100 will receive only the educational materials; and 200 will serve as control groups.

At the end of the demonstration, the participating families will be surveyed for a wide range of attitudinal and behavioral information designed to point up the effects of indicators and their potential for widespread energy conservation in the future.

DOE is hopeful that over the next couple of years the private sector will bring an ECI, comparable to the DOE model, to the consumer marketplace at about \$100 retail.



If you can see at a glance your household energy costs from day-to-day, you might be inclined to think of ways to cut down consumption. This is the premise of a DOE demonstration project which will place Energy Cost Indicators in 600 homes in North America for a year-long study involving some 2400 families.

Exclusively Female: The Amazon Mollies

In classical Greek mythology, the Amazons were a race of female warriors. Dick Setlow and Avril Woodhead in the Biology Department do their cancer research with *Poecilia formosa*, a species of fish commonly known as the Amazon molly. It is an appropriate name since the species is essentially all-female. Males are extremely rare: only 3 or 4 have been found. The Amazon molly reproduces gynogenetically, that is, the eggs are activated after mating with males of closely related species, but the male does not contribute any genetic information. Sperm only stimulate egg development and do not fuse with egg nuclei. The off-spring, then, are clones of their mothers, all female and all identical.

The fish is native to southern Texas, and when its mode of reproduction was first discovered in 1932, it was unique in the world. Since then, certain species of lizards, frogs and other fish have been found to reproduce in the same manner.

The fish live for about 3 years and reach a couple of inches in length. They bear live young, beginning at about five months of age, and can breed monthly, except for a short period during the winter. In fish, the number of off-spring relates to the size of

the mother. Young Amazon mollies have about ten babies at a time; older, bigger fish have considerably more. The current record in the fish house for off-spring from one female is 107.

Woodhead calls this species a sexual parasite. In nature, the Amazon molly will mate with males of 5 or 6 related species, most of which are white or silver-white in color. Since the Amazon molly is also silver, black molly mates are used in Woodhead's and Setlow's research so the two species can be distinguished.

Setlow and Woodhead are using these fish to study the link between ultraviolet radiation and skin cancer. Because the fish are clones, cell and tissue transplants between fish are successful. Cells taken from specific tissues in donor fish can be exposed to radiation outside the body, *in vitro*, which allows more precise control of treatments. The cells are then transplanted into recipient fish, and effects of the radiation are studied *in vivo*, in the body. Woodhead points out that because the fish are genetically identical, their response to treatment is similar, and she does not have to use more than 100 fish per group in each experiment.

Tour Features Biology Department

This weekend's mini tour will feature BNL's Biology Department, where two separate projects, both dealing with the environment, will be explained to visitors. First, scientists will discuss the link between sunlight and skin cancer, and the ways in which this relationship is studied. Brookhaven's research in this area uses genetically identical fish to analyze damage to the chromosomes in cells which have been exposed to ultraviolet light, a component of sunlight. Visitors will tour a modified greenhouse in which the fish are raised.

The second research project to be discussed involves the *Tradescantia* (spiderwort) plant. Since the late 1950's, Brookhaven scientists have been doing research with *Tradescantia*, which are unusually sensitive to environmental mutagens (cells in the petals and stamen hairs of young flower buds mutate from blue to pink several days after exposure to radiation or chemical mutagens). In order to study the genetic effects of chemical environmental pollutants, cuttings of the plant are taken, in a 24-foot mobile laboratory, to locations around the country where air pollution levels are known to be high. After a ten-day exposure period, the plants are examined and compared to control specimens grown in filtered air. After 12,000 miles on the road, the mobile laboratory will be back at Brookhaven and visitors can see the facility.

In addition to this weekend's mini tour, visitors will view the 15-minute slide show entitled "Brookhaven's Quest" at Berkner Hall, take a guided bus tour of the Lab, and visit the Exhibit Center.

Toll-Free Hotlines

Copies of "Toll-Free Hotlines" are available by sending a large, self-addressed stamped envelope for each copy to "Hotlines," Public Citizen, P.O. Box 19404, Washington, D.C. 20036. Some examples:

Consumer Product Safety Commission
Federal agency. Receives reports on injuries/deaths relating to hazardous manufactured products and assists consumers in evaluating safety of products on sale to the public.
Continental U.S. 800-638-2666

National Solar Heating and Cooling Information Center
Funded by HUD and the Department of Energy. Provides information concerning commercial availability of solar installations for heating and cooling.
Continental U.S. 800-523-2929

Educational Grants Hotline
Operated by HEW's Office of Education. Provides general information about the Basic Education Grants program, which offers financial aid for post-high school education to students who qualify on a financial need basis.
Continental U.S. 800-638-6700

For application processing:
Continental U.S. 800-553-6350

Commodity Futures Trading Commission
Federal agency. Answers consumer inquiries concerning commodity futures or commodity options. Disseminates information regarding commodity options and firms which are registered to sell these options.
States east of the Mississippi River and California 800-424-9838

Federal Tax Information
Operated by the Internal Revenue Service. Provides assistance on federal tax questions.
Check U.S. government telephone listing for your area or call toll-free directory assistance 800-555-1212

National Highway Traffic Safety Administration
Federal agency. Receives reports on auto safety problems; provides information on autos recalled and complaints received about specific makes and models.
Continental U.S. 800-424-9393

Interstate Commerce Commission
Federal agency. Accepts complaints from consumers on interstate moving of household goods, rail and bus passenger problems, and questions on carrier rates. Also provides information to independent truckers on equipment leasing and ways to enter the independent trucking business.
Continental U.S. 800-424-9312

Cancer Information Service
Funded by National Cancer Institute, HEW. Provides information about all aspects of cancer to the general public, cancer patients and their families. All calls confidential. In New York State, the Cancer Information toll-free number is 800-462-7255.

Softball

League I

Six Pax 9 - Ravens 5
Sweathogs 23 - Old Timers 12
Phoubars 13 - Source I 9
Blue Jays 9 - Strikers 2

Mixed League

Oh Kays 9 - Balls & Strikes 5
Random Sample 14 - Underalls 11

(Makeup Game)

Oh Kays 19 - Balls & Strikes 7

Foreign Press Tour Lab



Thirty-two foreign journalists, from 19 different countries, visited BNL last week to learn about the Lab's research. The day-long visit was sponsored by the Foreign Press Center of the U.S. International Communication Agency. The journalists, representing newspapers, magazines, news services, radio and TV, are all stationed in New York City, many of them assigned to the U.N. At the Lab, they received a briefing on BNL programs and, here, on the roof of the Fan House, some of the journalists heard Al Lewandowski explain the trickle solar collector. They also toured the HFBR, ISABELLE and the Superconducting Power Transmission Project. For many, a high point of the day was a discussion on reactor safety, with a chance to ask questions about Three Mile Island.
—photo by Humphrey

Note Of Caution

Regarding the article in last week's Bulletin on "Hot Water Heating Using Waste Flue Gases" by Ron Dobert, the author would like prospective builders to note the following:

A pressure-temp relief valve should not be overlooked and care should be taken not to obstruct the chimney pipe with exchanger tubing.

He also recommends that an efficiency and flow check be made by a burner maintenance person when the unit is installed and each year thereafter.

Cafeteria Menu

Week Ending August 31, 1979

Monday, August 27	
Potato leek soup	(cup) .30 (bowl) .40
Turkey a la king	1.30
Western omelet & 1 veg.	1.30
Hot Deli - Sloppy Joe	(on bread) 1.20 (on roll) 1.30
Tuesday, August 28	
Split pea soup	(cup) .30 (bowl) .40
Chinese pepper steak on rice	1.40
Poached fillet & 1 veg.	1.40
Hot Deli - Pastrami	(on bread) 1.30 (on roll) 1.40
Wednesday, August 29	
Cream of spinach soup	(cup) .30 (bowl) .40
Breaded flounder fillet & fr. fr.	1.40
Stuffed pepper with spaghetti	1.45
Special 8-foot Hero	.70 per inch
Thursday, August 30	
Beef barley soup	(cup) .30 (bowl) .40
Tacos with refried beans	1.35
Scalloped ham & potatoes	1.35
Hot Deli - Roast turkey	(on bread) 1.30 (on roll) 1.40
Friday, August 31	
Fish chowder	(cup) .40 (bowl) .50
Fillet of fish Parisian	1.40
Barbecued spare ribs & 1 veg.	1.45
Hot Deli - Fried clam roll with cole slaw & chips	1.40

Arrivals & Departures

Arrivals

Kamil V. Ettinger.....	Medical
Edward F. Gaudet, Jr.....	Accelerator
Kjell Johnsen.....	Accelerator
Thomas J. Romano.....	Physics
Robert A. Pelcovits.....	Physics
Yung K. Wang.....	Nuclear Energy

Departures

Kathryn A. Burns.....	Personnel
Luis A. Geldres.....	Accelerator
James L. Ivett.....	Medical
James A. McGary.....	Plant Engrg.
Phillip F. Schewe.....	Accelerator
Margaret A. Thomas.....	Energy & Env.

It's... Cricket

Brookhaven International Cricket Club won its second match of the season in a game against Oyster Bay Cricket Club played here last Sunday under gray skies. Unfortunately, John Millener, BICC's most valuable player had to withdraw from the game at the start of his innings when he suffered a broken arm after being hit by a ball. With the help of fine batting by Partha Choudhury (13), Dibyendu Banerjee (36) and David Cox (34), BICC scored 133 runs for eight wickets in the 32 allotted overs. An added attraction at the match was Lance Gibbs, former Test Cricketer from the West Indies, who played for BICC as a guest, scoring 25 runs. Oyster Bay batsmen were quite uneasy against the very effective bowling by Peter Krasinsky (4 wkts.) and a few overs from Gibbs (3 wkts.). They scored 78 runs all out. Choudhury did a commendable job as the wicket-keeper for BICC.

Holiday Hams

A limited number of smoked hams are now available for the upcoming holiday weekend. To order bone-in, fully cooked and garnished hams, at \$1.69 per pound, call the Cafeteria, Ext. 3541. Orders will be taken through August 30.

In Memoriam

Gwendolyn B. Bergin, Senior Administrative Assistant in DEE, died on August 17, 1979, after a long battle with cancer. She joined the then-Nuclear Engineering Department on January 12, 1959 and was secretary to the department chairman from 1962 to 1975. She became Administrative Assistant in 1975 and Senior Administrative Assistant in 1977. Mrs. Bergin was the widow of Edward J. Bergin, Special Services Coordinator, who died in 1968. She is survived by her mother, Myra Francis of Bellport, and three daughters, Kathleen Heins, Bellport, Elizabeth Raggio, Great River, and Julia Murphy, Patchogue.

Upton Nursery School Starts September 10

Upton Nursery School is a cooperative preschool for the three and four year old children of Brookhaven National Laboratory employees.

The children attend school two or three mornings a week and participate in a varied program including art, music, outdoor activities and field trips.

The teachers are professionals and the classes are small enough to give each child the attention he needs. The teacher is assisted by one parent in each class at each session. Parents cooperate in the running of the nursery school which enables us to keep the tuition fee low. Car pools are also available.

The board members for 1979-1980 are: Elaine Lowenstein, president; Peter Wandrer, secretary; Sue Halama, treasurer; and Kassie Ruth, enrollment chair woman.

At present there are openings for both three year olds and four year olds. If you are interested in enrolling your child, please call Kassie Ruth, 744-2444, for further information.

Racquetball BERA's Newest Sport

The latest activity to join BERA's ranks is the BNL Racquetball Group. Some thirty employees (including spouses) have begun to enjoy playing this sport at local clubs.

The BNL Club has been able to obtain a special membership fee of \$30 for any interested Lab employee (plus family). Membership includes free use of exercise equipment, sauna, and steam room. Members may bring guests that are BNL employees and belong to any other racquetball club; otherwise, there is a \$3.00 fee. There is an additional fee for use of the courts.

For further information contact BNL Racquetball Club President Richard Horwitz, Ext. 4134, or Vice-President Frank Castellano, Ext. 4188. The more members we have the easier it will be to get a partner to play. Novices are welcome. Instruction is available at the club.

Tentative fall plans of the BNL Group are to form some type of ladder and/or team to compete in an industrial league.

Selected Reading

- New Sci. 83, August 9, 1979**
The Bishop of Oxford: Not so soapy. R. Wrangham. 450-1
The new scientist interview. J. Hall. 452-4
- Science 205, August 10, 1979**
Solar activist, Denis Hayes, heads SERI. L. J. Carter. 563-4+
- Pentagon plans boost for basic research. J. Walsh. 566-8

BROOKHAVEN BULLETIN

Published weekly
for the employees of

BROOKHAVEN NATIONAL LABORATORY

BERNICE PETERSEN, Editor
MONA S. ROWE, Editorial Assistant

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

CARL R. THIEN, Public Relations Officer

Swimming Pool

The pool (and gym) will be closed the entire Labor Day holiday period; Saturday, Sunday, Monday and Tuesday, September 1 through 4.

Pool Schedule (effective September 5)
Weekdays

11:00 a.m. to 1:30 p.m. (employees only)
5:00 p.m. to 9:30 p.m. (employees, family members, guests)

Admissions

Daily: \$1.00 - employee, family members
\$1.50 - guests
Season: (3 months; Sept., Oct., Nov.)
\$15.00 - individual
\$20.00 - family

Season tickets will be sold daily at the pool during open hours starting on Wednesday, September 5.

Guest Ruling: One guest per employee is permitted at the swimming pool. Arrangements for additional guests (but not more than five at any one time) may be made at the Recreation Office in Personnel.

Microprocessors

A Motorola Field Engineer will present an in-depth description of 6800 and 6809 microprocessors from 9 a.m. - 12 p.m. in the Hamilton Seminar room, Chemistry Department (Bldg. 555) Tuesday, August 28, 1979. The 68000 will be covered in the afternoon (1 - 4 p.m.). Contact Jim Hainfeld, Ext. 3372, for further information.

Runner's Corner

The BNL women were in the racing spotlight on Aug. 18 at the women's 10 Km Race sponsored by Charlotte's of Sayville. Regina Rogers led the BNL finishers with a second place finish in a fast time of 40:36. Terri Frei (8th), Elaine Landry (10th), and Anne Nauman (29th) all captured first place in their respective age categories. Jeanne Penoyer and Jill Kaufman both posted their best times over the 10 Km distance. This was Jill's last race under the BNL banner. The club will miss her talents and wishes her the best of luck.

A reminder to the BNL New York City Marathoners, friends and spectators, that Aug. 31 is the last day for BERA members to reserve a seat on the BNL bus. Seats can be purchased for \$5 by sending a check to Ted Landry, Bldg. 318.

A race committee is being established to decide the courses, races and scoring of the traditional fall races. Those interested in organizing, planning and working in the race are asked to attend a meeting on Wed. Aug. 29 at noon in the Conference Room, Bldg. 318.

Lab Children Enjoyed Eight Weeks Of Summer Fun



Today marks the end of the Children's Summer Recreation Program. One hundred and fifteen youngsters participated in the on-site activities and 142 took advantage of the swimming classes. -- photos by Humphrey



Summer Rec Program

On-Site Program

International Picnic: Again this year the staff of the Children's Recreation Program hosted an International Picnic for families residing on site. The event was a huge success featuring alfresco dining on foreign delicacies combined with old favorites from the U.S. Following dinner, a movie was shown and dessert was served.

Carnival Day: There's no end to the energy of children! After the picnic Thursday night they were back at the recreation building bright and early Friday morning to take part in the special Carnival Day. Contests and games were the order of the day providing fun for all.

Monster Day: Today's special event will climax the On-Site Program. Featured will be a monster parade and a scary Abbott and Costello movie.

Swimming Pool Program

Last Friday's special featured a birdie and spoon race for kids under 10 and a balloon race for those over 10. Much splashing and cheering was heard as the children paddled and swam to victory. Winners were: 4 to 6 year olds: 1st - Yuval Arbel, 2nd - Doug Kirsch, 3rd - Marjorie Acevedo. 7 to 9 year olds: 1st - Mike Carneiro, 2nd - Christine Acevedo, 3rd - Einat Arbel.

10 year olds and over: 1st - Louis Brucileri, 2nd - Melissa Holden, 3rd - Jim Brennan.

Tennis Program

Instructor John Ingoglia reports that the tennis clinic and tournament was a tremendous success this year with 30 children participating. Congratulations to all the winners and players.

A Note From The Program Directors

The 1979 Children's Summer Recreation Program came to an end today after a season filled with fun and learning. The program, under the direction of Guy Mastriion and Richard Parsons, was enjoyed by the many children of Laboratory employees and on-site residents. The counselors for the morning session - Ann Brassard, Barbara Smalle, Mary Grace Lazzaro, Gary Milleisen, Cathy McCafferty, Mike Buchman and John Ingoglio, and the counselors for the afternoon session - Gail Mastriion, Mary Marczyk and John Knapp, worked diligently to provide an excellent and varied program.

Swimming lessons were given by certified instructors Robert Messineo, Guy Mastriion, Gary Milleisen, Cathy McCafferty, Marge Acevedo and Judy Mills.

We sincerely hope the children and their families had an interesting and rewarding summer.

Metropolitan Opera Tickets On Sale Next Week

Tickets for the 1979-80 Metropolitan Opera season will go on sale at the Film Service Office in Berkner Hall starting on Friday, August 31, at 8:00 a.m.

An employee may purchase as many pairs of tickets as desired. Tickets are priced at \$7.50, including service charge. All sales will be final; no tickets will be accepted for refunds or exchanges after a purchase is made.

A listing of Family Circle seat numbers available for each performance may be picked up at the Film Service Office prior to the first day of sales.

Schedule	
September	
Wed. 26	Cavalleria Rusticana and Pagliacci
Thu. 28	Otello
October	
Mon. 1	Eugene Onegin
Eve. Sat. 6	Werther
Tue. 9	Werther
Tue. 16	The Abduction from the Seraglio
Tue. 23	Carmen
Wed. 24	The Abduction from the Seraglio
Fri. 26	Le Prophete
November	
Thu. 1	The Abduction from the Seraglio
Eve. Sat. 3	Cavalleria Rusticana and Pagliacci
Tue. 13	Aida
Thu. 15	Carmen
Mon. 19	Mahagonny
Tue. 27	Mahagonny
December	
Eve. Sat. 1	Mahagonny
Tue. 4	Eugene Onegin
Wed. 12	La Gioconda
Thu. 13	Der Rosenkavalier
Fri. 14	Mahagonny
Eve. Sat. 22	Der Rosenkavalier
Tue. 25	Hansel and Gretel
Thu. 27	Hansel and Gretel
January	
Tue. 1	Hansel and Gretel
Eve. Sat. 5	Hansel and Gretel
Tue. 8	La Gioconda
Wed. 9	Der Rosenkavalier
Fri. 11	La Gioconda
Thu. 17	Tosca
Tue. 22	Tosca
Wed. 23	Rigoletto
Fri. 25	Fidelio
Eve. Sat. 26	Rigoletto
Mon. 28	Lohengrin
February	
Fri. 8	Un Ballo in Maschera
Mon. 11	Fidelio
Eve. Sat. 16	Un Ballo in Maschera
Tue. 26	Don Carlo
Thu. 28	Don Pasquale
March	
Tue. 4	Wozzeck
Mon. 10	Don Carlo
Tue. 11	Wozzeck
Mon. 14	Wozzeck
Eve. Sat. 15	Don Pasquale
Wed. 19	Tosca
Thu. 20	Don Carlo
Tue. 25	Tosca
Fri. 28	Tosca
April	
Tue. 1	Don Pasquale
Eve. Sat. 5	Tosca
Mon. 7	Billy Budd
Wed. 9	Manon Lescaut
Fri. 18	Parsifal

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.

The determination of the best-qualified candidate for available positions will be based upon education, experience and other job-related criteria. Such factors will be evaluated and measured against the demonstrable requirements of the available vacancy, as well as the Laboratory's Affirmative Action objectives.

The Laboratory is committed to a policy of Equal Opportunity in its selection and placement of personnel. Its objective is equality of opportunity in employment, training, and promotion without regard to race, color, religion, national origin, sex, age or handicap.

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.

1073. TOOL AND INSTRUMENT MAKER (six positions) - Central Shops Division.

1074. HELPER A - Central Shops Division.

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

1075. LIBRARIAN - Requires a Bachelor's degree (preferably in the physical sciences) and M.L.S. Several years experience in reference work is required and candidates must have experience with computerized data bases. Will serve as head of reference section with responsibilities in developing and maintaining reference collection, bibliographic service and printed and microfiche reports. Technical Information Division.

1076. MEDICAL ASSOCIATE - Requires BS in biology with special training in cytogenetics or equivalent experience with microscopy, biochemical techniques and cytogenetics in a laboratory setting. Will assist scientific staff in evaluating the role of various chemical compounds in causing genetic damage in the respiratory system. Anticipated two year duration for this project. Medical Department.

1077. CHEMISTRY ASSOCIATE - Requires experienced programmer with hardware skills. Familiarity with communications interfacing, electrical wiring practices, and graphics devices is very desirable. Will work with scientists in chemical lab automation and chemical computation projects. Chemistry Department.

1078. PHYSICS ASSOCIATE - Requires BS in physics or equivalent ability to perform fast reactor thermal hydraulic calculations. Experience with fluid mechanics and computer modeling is necessary. Will assist with developing safety codes. Department of Nuclear Energy.

1079. VETERINARY SERVICES ASSISTANT - Requires ability to understand written and oral instructions and ability to write legibly. Candidates must be able to communicate effectively. Prior work experience involving the care of small and large animals is highly desirable. Will be responsible for the feeding and watering of animals and cleaning of animals, related equipment, and facilities. Will assist with the observation and handling of animals. Must be willing to work some holidays and weekends. Medical Department.

1080. METAL WORKER - MAINTENANCE A - Requires demonstrated experience with layout, fabrication and installation of metal work for commercial/industrial HVAC systems. Will operate tin-smithing machines, machine tools, and welding equipment. Plant Engineering Division.

To accommodate as many employees as possible, only one ad per person, per week, will be accepted.

Autos and Auto Supplies

SNOW TIRES - w/rims, 6.50x14 for VW bug or similar. Bill, Ext. 4100.

72 PINTO STA WGN - a/t, new paint, good cond. \$1200; 69 LTD Sta Wgn, 302, runs well, \$150. Murdock, Ext. 4731.

66 CHEVY - clean, runs well. Lynne, 286-8788.

78 YAMAHA 400 SX - excel cond, 7000 mi, 65 mpg. \$1200. Kevin, 281-8031.

68 PLYMOUTH VALIANT - 6 cyl, 4 dr, a/t, p/s, good running cond. \$300. Gene, Ext. 3794, 744-7164.

TIRES - (2) J-14" tires mounted on Dodge rims, almost new. \$75. J. Bunt, 924-4193 after 5.

75 HONDA CB500T - 9000 mi, 2 helmets, disc brakes, elec start, excel cond. \$1100. 281-5710 after 4.

TIRES - (4) General P15580D13 (Chevette), slightly used. \$40. 929-8317 after 6.

76 CHEVY PICKUP - util body, 4 spd, low mi, excel cond. \$3900. 585-4126.

77 YAMAHA - 650cc, blk, Harley rear, king, queen seat. \$1400 or best offer. Vic, Ext. 3254, 584-6738 after 6.

64 PLYMOUTH VALIANT - runs well. \$250. Dinas, Ext. 4666.

75 MONZA - \$600 & take over payments. 286-8185 after 6.

72 MERCURY VILLAGER - 351 ci, ps/pb, a/c, towing pkg, roof rack, good running cond. Asking \$500. 821-0695.

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

73 KAWASAKI S2A - 350cc, good cond. \$500. Ext. 2022.

70 OLDS CUTLASS - 3 spd, ps/pb, AM/FM radio, good running cond, 2 dr. Asking \$500. Linda, Ext. 2969, 289-5060.

TIRES - new, used, rims, service, free installation, balance avail, Gillette, BF Goodrich. F. Usack, lunchtime Ext. 4798.

72 PONTIAC VENTURA - 307, ps/pb, a/c, orig owner, very good cond. \$1200. L. Taylor, Ext. 7979, 261-5030.

TIRES - 1.95-14 Mich radials, good rubber. \$40 takes both. Bob, Ext. 2964.

72 BLAZER - 4x4, body rot, 4 spd, Fisher pwr angle plow. \$2500. Rich, 588-5833.

74 VEGA WGN - 2 dr, std shift, 4 spd. \$1000. 727-0623.

73 OLDS OMEGA - very good running cond, new batt, must sell. \$850. Gil, Ext. 4362/4875.

67 MERCEDES BENZ 250S - runs well, excel gas mi, must sell this wk. \$1500 or best offer. Gail, 878-4664.

73 HORNET SPORTABOUT - high mi, a/c, a/t, good tires, reg gas. \$750. 286-8517 after 5:15.

TIRE - new SR185-13 on 73 Celica rim, \$30; eng parts for Chevy 283. Dan, Ext. 2012.

72 VW BEETLE - yellow, immac cond in & out, compl rebuilt eng, good tires. Ext. 2012, 689-5490.

73 BUICK LE SABRE - excel car, ps/pb, a/c, avail mid Sept. \$1200. Rigbi, Ext. 3417/3031.

69 FORD LTD WGN - good transp. \$100. Neil, Ext. 2023.

77 CAMARO - choc brown, a/t, ps/pb, a/c, AM/FM, excel cond. Glenn, Ext. 4217, 928-7619 eves.

70 HONDA 450CB - 10K mi, excel cond. \$625. Ext. 4316, 924-3783.

67 DODGE CORONET - V8, a/t, runs well. \$200. N. Rohrig, Ext. 3465, 744-7981 Sun or after.

77 KZ400 - crash bar, sissy bar, luggage rack, 7000 mi, excel cond. \$1250 firm. Bill, Ext. 7611.

75 YAMAHA RD - 350cc, low mi, excel cond. \$750. 878-1979.

71 MACH I - 351 ci eng, 4 spd, good cond, many new parts. \$1200. Ext. 2022, 277-9749 after 5.

69 JAVELIN STA WGN - new tires, runs well. \$600. Peter, 286-0158.

75 PACER - well maintained, excel cond, good rubber, custom seats, 23 mpg, 41,000 mi. Best offer over \$2200. J. Binnington, Ext. 3489.

NEW & USED TIRES - rims, repairs, mag wheel service, reg, radials, BF Goodrich-Gillette, free instal, balance avail. Fred Usack, Ext. 4798 lunchtime.

73 CHEVY K20 PICKUP - 4 w/d, many extras. Asking \$2100. 653-4632.

72 PINTO STATION WAGON - 58,000 mi, good cond. \$1200. Murdock, 4731.

YAMAHA 360 - 77 leftover, 3 mos old, 500 mi, full warranty, 75 mpg, 2 helmets, mint cond. Ext. 4701, 757-5991.

SNOW TIRES - new E78-14 on Chevy rims. \$50. 732-9384.

73 DODGE CHALLENGER - sm V8. \$795. 727-5478.

73 OLDS DELTA-R - good cond, a/c. Asking \$1000. Blote, Ext. 3222 after 6.

SNOW TIRES - (2) 155-13, \$20/pr; (2) 8.85-14, \$30/pr; AM car radio, \$20. Tallon, Ext. 4547, 473-3987.

70 AMC HORNET - 2 dr, 6 cyl, new a/t, posi, new batt & snows, radio, trailer hitch, good cond, reg gas, gold/blk top. \$1000 or best offer. L. Green, 473-2764.

64 INTERNATIONAL STEP-VAN - very good mech cond, fully camper equipped. Asking \$550. Carter, Ext. 4445.

71 MACH I - 351-C eng, 4 spd, good cond, many new parts. \$1200. Ext. 2022, 277-9749 after 5.

69 FORD STA WGN - good cond, \$150; 72 Pinto sta wgn, 58,000 mi, good cond. Murdock, Ext. 4731.

750 HONDA FRONT WHEEL - 19", no tire, good cond, \$40; Phase III belt drive, fits early model H-D 1200, w/tapered eng shaft, spare belt, brand new, \$150. Lee, Ext. 4447.

Boats & Marine Supplies

OUTBOARD MOTOR - Eska 3 1/2 hp, runs well. \$85. McGeary, 363-2796.

18' FIBERGLASS RUNABOUT - w/50 hp Mercury eng, in water at P.J. Marina. \$1200. Les, Ext. 4074.

15' SKIFF - 18 hp Evinrude, boat excel, motor ran well when last used (1975). \$275. Terry, 281-0360 after 5:30.

12' SKIFF - wood, glassed seams, excel cond. \$125. Jeff, 286-3509.

15' MFG FIBERGLASS - tri-hull, 50 hp Mercury elec start, Highland galvanized trailer. \$1200. Dick, Ext. 2881, 286-3372.

17' FIBERGLASS SAILBOAT - lg deep cockpit, ideal family daysailer. \$600. P. Fallon, Ext. 3043, 878-2266.

Yard Sales

BELLPORT - 16 Second St, Aug 24-25, 10-4, furn, clothes, games, books, jewelry, housewares, etc. Ext. 3569.

WADING RIVER - Jacobs Lane, Aug 25-26, moving - must sell.

MANORVILLE - Wading River Road, 1 mi north LIE 69, Aug 25-29. Bill, 727-5796.

PATCHOGUE - 101 Jennings Ave, Aug 24-25, rain date Aug 30-31, 10-4, collectibles. Ext. 2021.

MEDFORD - 49 Southaven Ave, 8-24 only, 10-4 only, boys' clothes, infant to six, asstd items. Ext. 4172.

Miscellaneous

10 SPD BICYCLE - 23" Dawes Galaxy, good cond, many extras. \$135. Ext. 2345, 744-2069.

TRICYCLE - for 3-4 yr olds, good cond. Ext. 3009.

CAMERA - Olympus 35RD Rangefinder, skylight filter, Vivitar flash. \$85 for all firm. Bob, Ext. 4637.

WOODEN BARRELS - 50 gal, 35 gal & some smaller, \$45 & \$35; fish tank w/slate bottom, \$9. Ext. 4172.

WASHER & DRYER - Sears matching apt size, 2 mos old. Sacrifice. \$450 w/warranty. Ext. 2926.

GUIAR - 12 string Angelica, 1978 Mod No 7454B, blk, w/case. \$180. Tim, 588-0154 after 6.

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

NIKKOR - 55mm f3.5 micro lens w/M-2 ring, Nikon A1 mount. \$165. Phil, Ext. 7934.

PORCH & PATIO TABLE - 4 chairs, white wrought iron, 60" rd, glass top, cushion seats, excel cond. Cost \$300, sell \$100. Ext. 2456.

ESTEY ORGAN - dbl keyboard, good cond. \$100. 924-6582.

DIN RM TABLE - w/6 chairs, mod design, opens to 11', w/2 extenders & covers, walnut wood, chairs covered in gold herculon & scotchguard, very good to excel cond. Asking \$250. 585-5256.

LADIES BIKE - 10 spd Mossberg, med wgt, good cond. \$100. P. Oster, 286-1248.

THERMOPANE WINDOW - 2'x6" single light, like new. Cost \$250, yours for \$50. 286-1855.

DIN RM SET - Bassett contemporary, lg table w/3 leaves, lg hutch, 6 chairs, Herculon Scotch. \$800. 585-4694.

STONE - granite for fireplaces, gardens, barbecues, walks; white, blk & white, pink; 2 tons, all or part. 924-3553.

FAKE BOOKS - brand new, over 1000 songs. \$25 value for \$10. Dick, Ext. 3273.

CAMERA - Polaroid Square Shooter 2 Land camera, excel cond, \$12; collector's item - Billy Carter beer cans, best offer. 727-5912.

BENNINGTON PINE - dbl bed, \$250; dbl mirror, \$200. 929-8211.

3-SPD BIKE - 21", red racing frame, good cond. \$40. 588-5467 after 5.

REFRIG - Whirlpool 12 cu ft, take it away for \$30, runs well. 265-7547.

BABY ITEMS - imported carriage/stroller, \$50; jump seat, \$4; playpen, \$10; others; free Time Magazines. 924-3303.

REFRIG - Admiral 19 cu ft side-by-side, good running cond. \$100. Joe, 286-9260 eves.

HOLIDAY SPA - VIP Memberships, 2-\$29/yr renewal, \$500; Philco 17" color TV, working, \$25. Harry, Ext. 4722.

A/C - 8000 BTU high efficiency, 7.5 amp, 115v, good cond, \$100; Panasonic portable b/w TV, \$40; pr car 6"x9" coaxial spkrs, \$20. Steve, Ext. 4068, 473-4982.

ALTO SAX - Selmer Mark IV, excel cond, good sound. \$675. Kevin, Ext. 3998.

RECLINER - very comfortable, needs slipcover. Ext. 3289.

FIREPLACE-STOVE - Leyden Hearth, used 1 season. Ext. 3688, 363-7032.

WOODEN BABY CRADLE - w/mats, bumper, sheets. \$20. Leila, 399-5807.

CONTEMP BEDRM SET - all wood, triple dresser w/2 mirrors, 2 night tables, headboard & armoire. \$1600 new, asking \$800. Joe, Ext. 4139.

POLAROID - \$10; camp cooler, \$5; TV set, \$20; recliner, \$10; record cabinet, 5. Palais, Ext. 2907/2913, 698-0576.

CONDENSATE PUMP & TANK - new auto 1/2 hp 220v "Federal." Best offer. Ext. 4306, 475-6903.

ICE BOX - sink & 12 gal water tank for RV w/plywood, new. \$90 or best offer. Sue, Ext. 2050.

GUIAR - Ibanez Stratocaster, blond, 3 Di Marzios, 8 mos old. \$150. Ed, 331-3805.

19" TV - b/w, w/portable stand. \$60. Maria, 331-3116.

PORTABLE WASHING MACHINE - like brand new, used only 2 mos. Asking \$150. Rick, Ext. 4100.

SUPER 8 MOVIE CAMERA - Canon Autozoom 318M. \$90. Don, Ext. 7611.

A/C - GE Fashionaire, 7600 BTU, high efficiency, used sparingly 3 seasons, perf cond. Maria, Ext. 7933.

MINI BIKE - for your boy, good tires & shocks, runs but needs a little work. \$30. Bob, Ext. 2964.

METAL BED FRAME - two size, on plastic wheels, \$5; Masfer Pogo exerciser, \$5; BX cable, 4 conductor, size 6, 40 ft, good for elec range feeder or for a sub panel, \$10 or best offer. 727-3608.

4 OAK CHAIRS - pressed back, cane seat. \$289. Ext. 3051, 289-5607.

CLASS II TRAILER HITCH - \$15; 7 1/2" Skill saw, \$15; folding camp toilet, new, \$4; 4-man camp cook kit, new. \$8. Chuck, Ext. 3512, 589-1069.

ROAD RACING SETS - AMX new, AMX old, Fallor, all compl cars, controllers. \$20. Ext. 7730, 286-8097.

1 PR SPKRS - ESS Heil air motion performance series Model 5, guaranteed mint cond. \$240. Ext. 4701, 271-2877.

SUBMERSIBLE PUMP - auto 1 hp, brass, 110v "Kenco." \$50. Ext. 4306, 475-6903.

MAPLE BEDRM SET - dbl bed, dresser w/mirror, night table. Ext. 2208, 289-5688.

LADIES ENGLISH BIKE - light wgt, single spd, like new. \$25. Ext. 2497, 286-2203.

FURNITURE - odds & ends; hard rock maple dry sink, excel cond, \$150; Heywood Wakefield dinette set, green woodgrain formica top. \$100. 732-9384.

FIREWOOD - seasoned upstate hardwood, 4'x8'x18". \$65. Split, fast delivery. 744-8387.

Please see supplement for ads that do not appear on this page.

S U P P L E M E N T

Miscellaneous

SOFA - 7', wrought iron, gold velvet, good cond. \$50. 281-3992.

B/W TV - \$50; iron, \$12; 2 deck chairs, \$7; coffee maker, \$12; all 11 mos old. Ext. 4898.

PIANO - Yamaha grand, 6 ft, mint cond. Ron, Ext. 2621, 744-8334.

2 TIX - NYC Opera Co.'s "Naughty Marietta," Sat eve, Sept 1, NY State Theater, C131 & C132 (3rd row). \$15 ea. Paul, Ext. 2407.

WATCH BATTERY - RW42, replaces RW12, RW32, 303, WS14, Timex A, RW 22, 357, 10L14. Free. Frank, Ext. 3898.

LADIES BULOVA WATCH - w/2 diamonds. \$75 or best offer. Kathy, Ext. 2410.

HEDGE CLIPPER - 16", dbl sided, \$10; hand grinder, \$10; lg shop vacuum, \$20. Ext. 4058, 286-0436.

REFRIG - sm under-counter Norcold, like new. \$50. Alan, Ext. 2928, 821-0761.

12" B/W TV - Hitachi portable, solid state, AC/DC, \$45, must sell; 3 spd bike, \$35, must sell. Gil, Ext. 4362/4875.

MACHINISTS VISE - 7" jaws, \$50; heavy duty furn dolly, \$25. R. Wieser, Ext. 3080.

V.I.P. MEMBERSHIP - Holiday Spa, good at any spa, renewal \$24/yr, a good investment. \$600. Al, Ext. 3284, 265-0540.

3 FISH TANKS - w/stand & compl filter, lights & extras. \$15. Ext. 3254.

COUCH - orange color, good cond, \$25; cart, lamp & table, lg fluorescent lamp. Ext. 2085, 744-4934.

BABY FURN - like new crib, canopy, poles, matt, dresser, dressing table, pecan, must see. 698-3724.

BICYCLE - Schwinn 20" frame, boy/girl convertible & training wheels, \$40; matt & box spring, firm, like new, \$75. Ext. 4695.

FIREPLACE - free standing, Preway metal fireplace, red, 8' of matching pipe, never used. Beck, 234-9087.

BENNINGTON PINE - 42" round table w/12" leaf, excel cond. \$175. Pat, Ext. 4519.

PLUMBERS DRAINAGE LINE SNAKE - 1/2"x50', \$10; 18" elec lawnmower, w/grass catcher, \$40. Paul, Ext. 4309.

A/C - Westinghouse 6000 BTU, used 4 seasons. \$40. Yong, Ext. 4410.

MODEL HORSES - 3 horses, ea 2 hands high w/harness & wagon. \$10. Carla, 744-2816.

STYROFOAM CHIPS - free, several lg bags. Tony, Ext. 3293 noon or after 5.

GOLF CLUBS - cart, bag, full set, best offer. Mike, Ext. 3198.

JUICER - new Majestic Vegetable & Fruit juicer, never used, warranty. \$95. Onre, Ext. 2065.

NATIONAL GEOGRAPHIC MAGAZINES - 200 bks. 281-9504.

POPULAR MECHANICS MAGAZINE - 1957-1974, compl. Dennis, Ext. 4259, 736-2534 eves.

TRADE - 2 American 1/2 fare coupons for 2 United coupons. Ext. 3870, 281-0152.

IRON TABLE - glass top, w/4 chairs, good cond. \$25. R. Ince, 286-0682.

LEAVING SOON - must give away beautiful, intelligent, protective dog, Doberman-Shepherd spayed female. Ext. 4883.

TRAILER MIRRORS - fender clamp on. \$10/pr. Chuck, Ext. 3512.

GERM SHORTHAIK POINTER - AKC, 8 mo male, excel bird dog. \$175. Neal, Ext. 2022, 924-4113 after 6.

5 DIN RM CHAIRS - oak, \$35; kitchen set, \$20; dbl headboard w/frame, \$10. 281-8538.

LENS - Konica Tele 135mm f3.2 Hexanon w/2x converter w/cases, new cond. \$110. Walt M., Ext. 3256.

BATHTUB - Jacuzzi whirlpool, excel cond, \$150; matching love seat & chair, dk pine trim, new cond, \$250. 732-9384.

CANNING JARS - glass top, qts. Dolores, Ext. 2926.

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

BROOKHAVEN HAMLET - charming older home, S. Country Rd, 3 bedrms, window seats, 29' L/R, D/R, eik, 2 fp, screened pch, fin bsmt w/bar, 2-car gar w/extra rm, chicken coop, 0.6 acre, lg veg & flr gdn, very low taxes, 8.5% mtg. Ext. 2633, 286-1056.

E. PATCHOGUE - so. of So. Country Rd, 2 or 3 bedrms, fp, screened porch, alum siding, full bsmt, gar, low taxes, assume mtg. \$35,500. Ext. 7992, 286-2905.

BELLPORT VILLAGE - \$5000 cash assumes 8 1/2% mtg on 3 bedrm ranch, 6 yrs old, fully insulated, OHW, s/s, 1/2 acre. Wayne, Ext. 2824, 286-3404.

ROCKY POINT - Tide area, 3 bedrm ranch w/fin bsmt, 1/2 acre, prvt beach, near shopping center, many extras. Sam, Ext. 3911, 821-1810.

BROOKHAVEN HAMLET - prime area custom cape, 2 bedrms down, 2 up ready to finish, L/R w/fp, eik, fin bsmt, fenced, pool, low taxes, extras. \$40,500. Ext. 2043, 286-8923.

LAKE GROVE - 3 bedrms, eik, den, 2-family, low taxes, landscaped. \$40,000. W. Lundgren, Ext. 3800, 467-1763.

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. \$34,990. Ron, Ext. 3162, 473-6862.

RIDGE - townhouse/condominium, 2 bedrms, a/c, w/w, 5 appl, 2 1/2 mi from BNL, excel cond. \$2500 over mtg. 924-7963 after 6.

CORAM - 4 bedrm cape, eik, D/R, lg L/R, 2-car gar, fenced-in prop, 1/2 acre. \$38,900. Ext. 2951, 473-1585 after 6.

RIDGE - 3 bedrm ranch, L/R, D/R, eik, 2 baths, 2-car gar, 1/2 acre, wood stove, prvt. Ext. 3255, 924-7637.

CORAM - Tanglewood Hills, 4 bedrms, 15x20 den w/fp, L/R-D/R w/w, eik, 2 baths, 2-car gar, fenced, 4 appl, 1/2 acre, gas heat, SD #12. Asking \$38,000. Ext. 3404, 698-4966.

BELLPORT - So/So Country Rd, 9 rms, 4-5 bedrms, den, 3 baths, lg eik, fp, gas heat, 2-car gar, lg breezy front porch, huge trees. Anne, Ext. 3404, 286-3764.

RIDGE - 1 bedrm, wood burning stove 1/2 acre wooded, on pond, 5 min to Lab. \$23,900. Ext. 2350.

SO. SHIRLEY - 3 bedrms (possible 4th), 1 full + 2 half baths, L/R, D/R, eik, den w/fp & wood burning stove, bsmt, 2-car gar, many extras, 7 mi from BNL. \$37,000/negotiable. Ext. 3827, 281-0804 eves.

HOLTSVILLE - 2 bedrm ranch, bsmt, fenced, good area, well landscaped, 2 blocks from Expwy & Nicolls Rd, exactly 20 min from Lab. \$22,000. George, Ext. 7654, 732-0917 eves.

SHOREHAM - 3 bedrms, 2 baths, 2-car gar, full bsmt, fp, gas heat, a/c, L/R, fam rm, hall w/w, fenced-in yard. \$42,900, must sell. Ext. 3707, 744-0007.

SHOREHAM - 4 bedrm colonial, 2 1/2 baths, fp, eik w/bay window, 1/2 acre, fenced, north of 25A, walk to beach. Ext. 2627, 744-3443 eves or weekend.

ROCKY POINT - The Tides ranch on treed 1/2 acre, newly re-insulated, 3 bedrms, L/R, D/R, den w/fp, eik, oak floors, pine fin full bsmt, gar, patio, prvt beach, assumable 8 1/2% mtg. \$45,900. Ext. 2967, 821-9072.

BELLPORT VILLAGE - convenient location, close to stores & water, superb modern well insulated colonial, 4 bedrms, 2 1/2 baths, L/R, D/R, fam rm w/fp, eik, bsmt, 2-car gar, assumable 1st mtg, 2nd mtg avail. \$55,000. Ext. 7730, 286-8097.

ROCKY POINT - The Tides, 3 bedrm ranch on treed 1/2 acre, newly re-insulated, L/R, D/R, den w/fp, eik, oak floors, pine fin full bsmt, gar, patio, priv beach, assumable 8 1/2% mort. \$45,900. 821-9072.

LAKE GROVE - 3 bedrm, eik, den, 2 family, low taxes, landscaped. \$40,000. 467-1763 or Ext. 3800.

For Rent

E. PATCHOGUE - sm house, lg yard, water view, 20 min from Lab, 2 bedrms, unfurn. \$275/mo + util, avail Oct 1. Ext. 3482, 751-1587 eves.

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.

CENTER MORICHES - Holiday Beach, 3 bedrm ranch, fp, full bsmt, gar, beach & marine rights. \$350/mo. Ext. 3309, 878-0799.

WADING RIVER - 2 rms, 1/2 bath, prvt ent, util incl. Ext. 2898, 929-6293 after 3.

YAPHANK - German Gardens, sm bungalow for single, avail Sept. For info call Ext. 7617, 924-3946.

PT JEFF - Harbor Hills, 3 bedrm house w/prvt beach rights, avail for 1 yr beginning 2/80. \$500/mo. Ext. 4581, 473-3604.

PATCHOGUE - 2 bedrms, front & rear ent, gar avail if desired, 370 So. Ocean Ave. Susan, Ext. 4207.

SHOREHAM - shorefront, 2 bedrms + bath for 1 or 2, share spacious kit, D/R w/professional gentlemen, prvt beach, many extras. \$350/mo w/util. Ext. 3622, 744-3429.

SOUND BEACH - 1 bedrm apt, prvt ent, kit, L/R, full bath, single person preferred. \$265 incl util. Ext. 2521.

E. PATCHOGUE - so. of So. Country Rd, 2-3 bedrms, fp, screened porch, alum siding, full bsmt, gar. \$350 plus util. 286-2905. Ext. 7992.

Wanted

SERVICES FOR MASONRY - stoop & slab, help erecting steel shed. \$50/day. 281-7844.

WINEMAKERS UNITE! - anyone interested in pooling information, grape purchase & equipment. Tom, Ext. 4674, 286-2505.

USED GO-KART - or go-kart frame, reasonable. Linc, 286-9385.

HOUSEKEEPER - Bellport, 8-10 hrs/wk, housework, after-school child care, own transp, references. 286-1396.

OUTBOARD ENG - Johnson 50 hp 1973-75 wanted for block parts. Ext. 7916.

METRANOME - Bookless, Ext. 4510.

RIDE - Sound Beach, 8:30 and 5:00. Sharon, Ext. 2905.

1 BEDRM OR STUDIO APT - Ext. 2841, 345-2841.

Car Pools

E. PATCHOGUE - from Munsell Rd to Southern Blvd, vicinity of So. Country Rd. Ext. 4423.

S. SHIRLEY AREA - wish to join or form car pool. Ext. 2667.

1 DRIVER NEEDED - vicinity Exit 28 & 29 So. State Pkwy. Mike, Ext. 3658.

PATCHOGUE - 1 opening in Patchogue Vanpool. Call Jack Barry, Ext. 4026.

Lost & Found

FOUND - Ford trunk key, vicinity of Physics. Dennis, Ext. 3491.

LOST - T-2000 Wilson tennis racquet. Reward. Please call Ext. 3593.

Services

TREE SERVICE - removal, trimming; yards, cellars, garages, attics cleaned. 727-1617.

SEASONED OAK FIREWOOD - 4'x16x18", split, delivered. \$110. 924-4284 or 3919 after 5:30.

PAINTING - int/ext, new look w/old prices. Nick, 286-9249 after 6.

AUTO REFINISHING - bodywork, painting, ins claims handled, towing. Ext. 2546, 744-4047 after 6.

BABYSITTING - mother of one will babysit in my home, North Shore area. Diane, 821-9125.

ASPHALT PAVING & SEALING - Bob, 475-4382.

REPAIRS - automotive, motorcycle, will tow motorcycles. Fair prices. Steve, Ext. 4212 lunchtime, 399-3910 eves; or Slawko, Ext. 4460.

HOUSE CLEANING - reasonable weekly rates, experienced, reliable, references. Harold, 924-6655.

BABYSITTING - mother will babysit children in her home, Manorville, off Exit 69. 727-4994.

PAINTING - int/ext, new look w/old prices. Nick, 286-9249 after 5.

BABYSITTING - high school student, experienced w/young children & babies. Jenny, 929-8219.

MOVING - pickups and/or deliveries, free estimates. Ext. 3156.

BABYSITTING - mother will babysit, my home, reasonable, references, Mastic area. Penny, 399-4590.

BLACKTOP PAVING & SEALING - Bob, 475-4382.

THESIS & PUBLICATIONS ILLUSTRATED - med, chem, bio, electromechanical- drawings, charts, schematics, wiring diagrams, instrumentations & lettering professionally executed. Reasonable. Yani, Ext. 2514.

Classified Ad Policy

Deadline is 12 noon Monday for publication Friday of the same week.

- The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
- All items for sale or rent must be the advertiser's property.
- Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
- Firearms offered for sale or trade may not be brought on site.
- Ads not carried because of space restrictions will be held for publication in the next issue.
- Ads are run only once and must be resubmitted if they are to be repeated.
- Property for sale or rent cannot be accepted on this form. Special Real Estate Ad forms are available at the office of the Brookhaven Bulletin, 40 Brookhaven Avenue.

- For Sale: Autos & Auto Supplies For Sale: Miscellaneous Lost & Found
- For Sale: Boats & Marine Supplies Car Pools Services

Please print your ad below in 15 words or less using one word per block. Include name and phone number to call.

Note: The following must be completed for your ad to appear.

NAME (Please Print).....

Employee's Signature..... Life No. Ext.