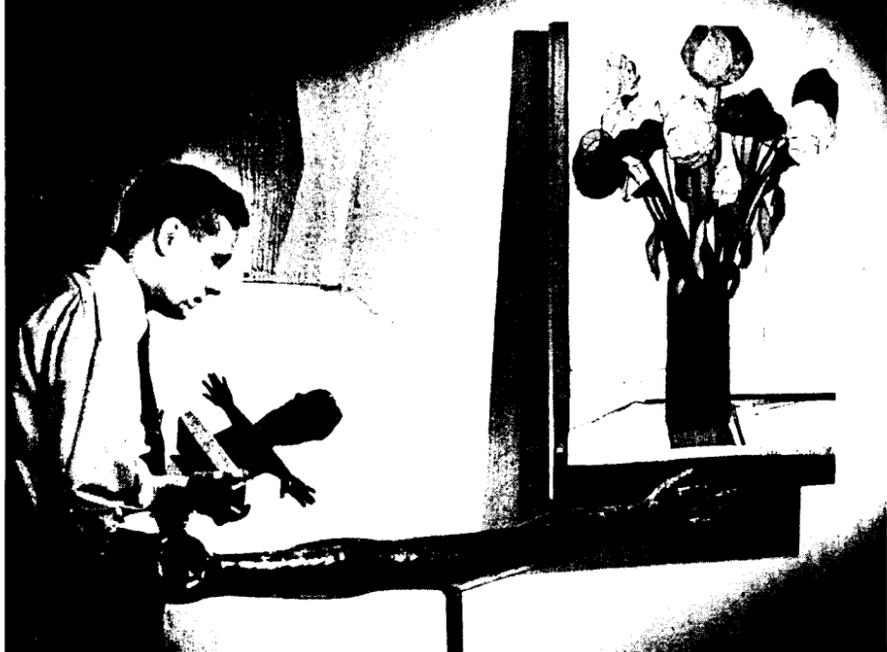


See The Art Show At Berkner Hall



Per Dahl examines bronze sculpture by John Doubleday at the BERA-sponsored Art Exhibit now on view in Berkner Hall. The fabric collage is by Madge Huntington. Employees are invited to stop by and see the work of these artists, as well as the aquatints, lithography and sculpture of other American, English and French artists. This collection may be seen weekdays from 11:30 a.m. to 1:30 p.m. in Room B, until December 18.

—photo by Humphrey

Wells Tested For Strontium-90

A recently completed analysis of water samples from 23 test wells in various parts of Suffolk County has shown that a majority contains detectable concentrations of strontium-90. Three of the four wells which showed the largest concentrations are located too far from BNL and the Peconic River to be influenced by past or present releases from the Lab.

The minimum level of detection for strontium-90 is 0.1 picocuries per liter (pCi/l), explained Andrew P. Hull, BNL's Supervisor of Environmental Monitoring. Concentrations above that level were found in 14 of the 23 test wells. Levels in the four wells showing the largest concentrations ranged between 1.1 and 2.75 pCi/l.

The off-site samples were obtained this past summer from test wells which are part of the county-wide network of the Suffolk County Department of Health Services. They were taken by the Department of Health Services and were analyzed by BNL's Division of Safety and Environmental Protection, in order to establish background levels of strontium-90 in local ground water.

Last year, S&EP's own sampling program had disclosed the presence of strontium-90, in concentrations up to two pCi/l, in water from several shallow private wells located a short distance east of the Lab site and adjacent to the Peconic. This was noted in the Lab's 1978 Environmental Monitoring Report, along with a statement that the concentrations were probably due to past releases by the Lab into the Peconic.

In light of the recent County-wide sampling, however, this assumption now appears doubtful. In the County's testing wells, the largest concentrations tend to be found in shallow wells, regardless of their nearness to the Lab. Differences in concentration appear to be related to differences in well depth, rather than proximity to BNL.

In addition, water samples from 20 private wells in the general vicinity of the Lab were obtained and analyzed. In all but one of the nearby private wells which were tested in 1978, concentrations of strontium-90 were found to be substantially lower this year.

Based on the new data, the apparent source of most if not all of the strontium-90 found in many shallow wells throughout the County is fallout from past nuclear weapons testing carried out in various areas of the world. A review of data on the levels of fallout-related strontium-90 in precipitation shows that it was present in yearly average concentrations of more than 2 pCi/l from 1953 to 1965, with the exception of 1959. The maximum concentration

measured locally by S&EP was 26 pCi/l in 1963.

Additional confirmation sampling and analysis are planned by BNL and Suffolk County, said Hull.

According to local and state radiological health authorities, the health significance of these small amounts of strontium-90 is minimal. The EPA-established limit for strontium-90 in a community water supply (applicable to the groundwater in Suffolk as a "sole source" of drinking water) is 8 pCi/l. This would correspond to a yearly dose commitment of four millirems.

The current average concentration of past weapons testing-related strontium-90 in local purchased milk is about 5 pCi/l, noted Hull, and the average total dietary intake in the New York area is about 8 pCi per day.

A yearly dose-commitment of four millirems is within the local fluctuations of external background radiation, which averages about 70 millirems per year on Long Island.

Reports Available

The following reports are now available to the Laboratory Staff and to Affiliates of the DOE, AUI, and NRC. Others may purchase the reports from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161. Staff members should call Ext. 3484.

BNL 51000	\$9.25
Brookhaven Highlights. July 1976 - September 1978.	
BNL 50969	\$7.25
Annual Highlights of the National Center for Analysis of Energy Systems. K.C. Hoffman	
BNL 50987	\$9.25
Decentralized Energy: Technology Assessment and Systems Description. M.K. Reckard	
BNL 50991	\$13.00
Proceedings of the Specialists' Meeting on Nuclear Data of Plutonium and Americium Isotopes for Reactor Applications. R.E. Chrien	
BNL 51003	\$4.50
External Exposure Measurements at Bikini Atoll. N.A. Greenhouse, et al	
BNL 51004	\$4.50
Status of Pollutant Removal Technology for Coal Fired Power Plants in the Northeastern U.S. E.N. Ziegler, et al	
BNL 51008	\$4.50
Studies of Conductor Joint Performance and Structural Response for the DEALS Magnet Concept. J.R. Powell, et al	

Dial Computer For Information

In the next three to five years, Jagdish Dalal envisions a computer terminal on the desk of every manager on site. Dalal is head of Management Information Systems, which was formed with his arrival at the Lab a year ago.

According to Dalal, management information system (MIS) is the latest school of management. It adds to the more traditional methods of management by intuition and first-hand experience. Decision making theories, operations research, statistics, economics and mathematics are some of the tools used in MIS. It is management based on solid information. "Numbers are meaningless until they are organized," said Dalal. "We turn data into information on which a manager can base a decision."

With a need for such massive number crunching, what makes this new system possible?

"We have a new Hewlett Packard 3000 computer, which is replacing an old IBM 360," said Dalal. "It has greater technical and communication capabilities. And it can handle the sheer volume of numbers necessary to MIS."

"Our staff also includes a lot of new people," added Dalal. "We have management types expert in the science of managing, and computer types skilled in designing programs to handle our new capabilities."

Three major projects are cited by Dalal. The first is called Integrated Inventory Control/Procurement/Accounts Payable System (IPAP). Robert Moore, project manager described how the system may work: A requisition is put into a computer terminal. When a buyer calls for new orders, the requisition appears on the buyer's terminal. The buyer processes it, and a purchase order is automatically printed by the computer and mailed out. When the merchandise comes in, the receiver enters the order into a computer terminal. Little problems, like a missing PO number, would be easily solved, because the computer program would be designed to cross reference orders under different headings, like names of vendors. If the order is complete and the information correct, the receiver would note that on the computer. Then when the invoice comes in, accounts payable would check their terminal for information on the order and issue a check, printed by the computer, of course. "This new system would eliminate a lot of paper pushing," said Dalal.

The second project is a Job Cost System, and is managed by Robert Kaszuba. Here is a scenario of what that may be like: An intralaboratory requisition is put into a computer terminal. Central Shops would respond with an estimate, again on a termi-

nal. If the requisitioner agrees to the estimate, he or she would send in the order. As the job progresses, the shop manager would periodically enter work progress reports into the computer, which the requisitioner could use to check progress on the ILR.

The third project, managed by Stephanie La Montagne, is a Personnel Forecasting System. A computerized data base on personnel would be maintained for use in developing manpower forecasting models. "Such an upgraded system would also help us better meet the ever-growing government requirements," said Dalal. "Better information also means better budget estimates."

With so much talk about computers, Dalal is quick to point out that managers need not become computer experts. The programs are being designed as interactive, and since ordinary English is used, talking to the computer is almost like carrying on a conversation with someone at the other end of a telephone line.

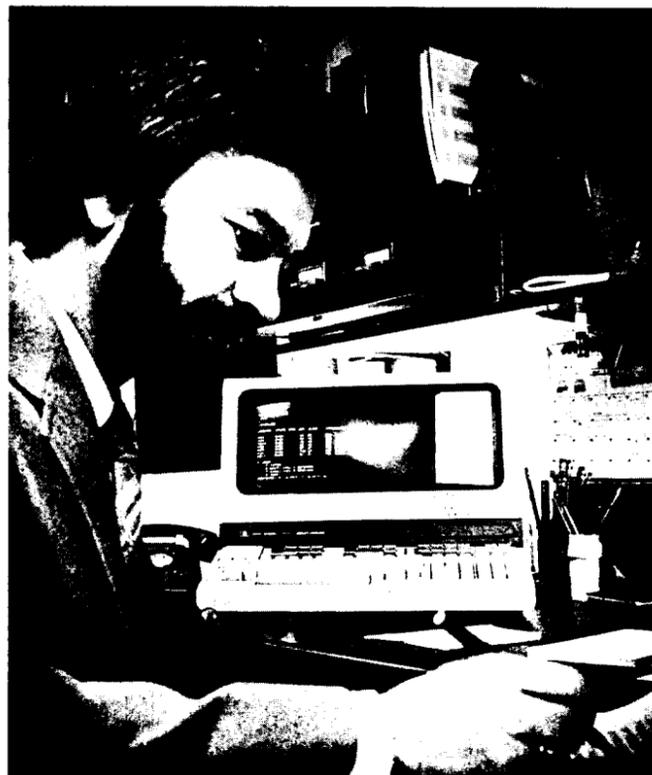
Also, since so much information will be stored in a computer, Dalal said security precautions are being designed so that all information is not available to everyone. People will have access to types of information only according to their needs and their levels of responsibilities. Some of the security measures will be written into computer programs, but other physical controls are being implemented. "I also have a personal interest in maintaining security," said Dalal. "As computer security officer for all computer systems on site, I can be fined and imprisoned if anything goes wrong."

The Hewlett Packard 3000 computer has been installed at the Lab for the past six months. According to James Birtle, manager of Administrative System and Data Processing Division, under Dalal, a lot of information handled by the old IBM 360 has already been switched over to the new computer for on-line inquiry. "The big change is that information is now available about the previous day's transactions," said Birtle. "Only a computer with on-line inquiry capability can give us that kind of speed."

Currently, four types of information are available at the push of a computer terminal key: purchasing, job cost, accounts payable, and inventory. Quick access to these kinds of information can make managing easier.

For example, many employees on site are familiar with the "end of the fiscal year" panic about keeping track of what they have ordered, what has come in, and what has been spent out of their accounts. William Fritz, a systems analyst in ASDP, developed purchasing and accounts payable inquiry systems that enable people to man-

(Continued on page 2)



George Malcolm, systems analyst with ASDP, working with a computer program that keeps track of inventory. The terminal in the background provides instant access to information about what is in stock. Desk-top computer terminals can eliminate much time-consuming paper work and provide information on transactions almost as soon as they occur. Someday, such terminals may be placed all around the Lab site.

—photo by Humphrey



Janet Tempel, center, showing a reducible lens to some potential buyers at the Exhibit Center Science Shop which will be open Thursday and Friday, December 13 and 14, from 11:00 a.m. to 2:00 p.m.

—photo by Rosen

Shopping On Site

If you have not yet started your holiday shopping, you might be feeling a twinge of anxiety by now. After all, Hanukkah is next weekend, Christmas is just around the corner, and the crowds are thickening in all the shopping malls.

Here is a tip. You can take care of many people on your gift list at one store — the Science Shop at the Exhibit Center. It's conveniently located in Bldg. 701 and will be open next week only, Thursday and Friday, December 13 and 14, from 11:00 a.m. to 2:00 p.m. The merchandise has been well-selected and the prices are right.

Janet Tempel, buyer for the store, has gathered a good stock of clever items. Mini

lab kits, prisms, magnets, and radiometers are some of the educational items offered for young people. And since gift-giving is a fun time, Tempel has also chosen an imaginative assortment of toys like bug boxes, jupiter scopes, gyroscopes and rocket erasers. For the young at heart, there are laser visors, transparent rainbows, polygraph lenses and "touch me's." If you are looking for BNL or Exhibit Center logo imprinted items, the selection is large — frisbees, luggage tags, nail puzzles and canvas tote bags.

Even if you go on a spending spree through the store, you will be amazed at how little you do spend. The prices range from 15¢ to \$4.25. Everything is a bargain!

Cooking With Class

How would you like to sit down and partake of this delectable International dinner?

Appetizer — Moules Farcié
(mussels in garlic/wine sauce)

Soup — Rinderbruehe Mit Markkloschen
(beef broth with marrow dumplings)

Salad — Papaya/Avacado/Hearts of Palm/ Tomato with Watercress

Entrée — Blanquette De Veau
(veal and mushrooms in Bechamel sauce)

Glazed Bermuda Onions
Noodles Florentine

Dessert — Peach Devonshire Tarts
Coffee/Tea

These are just a sampling of the recipes found in "Seasonings," the latest cookbook compiled by the BNL International Cooking Exchange. If you have people on your gift list who love to cook, "Seasonings" would be much appreciated.

The books are on sale for \$3.50, tax included, at the BERA Film Service Office in Berkner, open Monday through Friday from 9:00 a.m. to 1:00 p.m. Copies will also be sold in the Berkner foyer during the lunch hour on Tuesday and Wednesday, December 18 and 19. Free gift wrapping will be available then.

Bon Appetit

Christmas Goose

1 young goose (about 12 lbs,
best bought at poultry farm)
2 c. water
lemon juice
salt and pepper

Remove giblets from goose cavity (cook them into soup, except liver). Wash goose inside and out, pat dry. Rub lemon juice, salt and pepper into cavity and over outside. Let stand 2 hours.

Put goose in broiling pan, pour water over it, prick on side of breast and under thigh, and cover loosely with aluminum foil. Bake, covered, at 350° to 375° about 1 hour for young goose, up to 2 hours for older goose. During cooking, repeat pricking and turn goose several times. Goose is done when juices run clear from heavy part of thigh. (Water keeps the grease from burning and smoking. By the end of the cooking period, most of the water will have boiled away.)

Remove bird from pan, keep warm. Skim grease from juices in pan, add giblet soup, thicken with flour, season to taste with salt, pepper and chicken bouillon.

For a crispier skin, brush with melted butter and return, uncovered, to hot oven for short time.

An extra bonus of cooking a Christmas goose is that you can make the liver into a delicious paté.

—Helga Pirozzi

Information

(Cont'd)

age their accounts more effectively.

And thanks to George Malcolm, another systems analyst with ASDP, inventory control is now handled more efficiently. Malcolm developed a job cost and inventory control system, which enables a shop foreman to check, via computer terminal, what is in stock before sending someone out to the warehouses to pick up material.

"I've talked a lot about our plans for the future and what we have already implemented," said Dalal. "The Management Information Systems group is committed to help the Lab management take a new direction. Today, the name of the game is increased productivity. That is difficult to do with our manpower ceiling and the increased cost of doing business. With the aid of a new high-powered computer, some well-designed computer programs, and some good people, computer assisted managing will no longer remain a dream."

Focus On Cambodia

The country of Cambodia faces extinction. Next week, Larry Simon, Oxfam-America Director of Education, will give a Lab-wide lecture on the "Cambodian Crisis: Meaning for America." His talk is scheduled for Thursday, December 13, at 12:30 p.m., in Berkner Hall. Simon will outline events leading up to the current crisis and give information on relief programs underway.

The Oxford Committee for Famine Relief (OXFAM) has reached an agreement with the Cambodian government to provide \$50 million in aid to the starving peoples of that nation.

OXFAM heads a consortium of international voluntary agencies. Donations to the Cambodian relief effort can be made directly to Oxfam-America, 302 Columbus Avenue, Boston, Mass., 02116.

Service Awards

The following employees received service awards during the month of November:

Thirty Years

Charles A. Boulin.....Instrumentation
Martha J. Hill.....Medical

Twenty-Five Years

Peter A. Montemurro.....Accelerator
Daniel R. Oldham, Jr.....Reactor
Grace R. Searles.....Dept. Nuclear Energy

Twenty Years

Thomas P. Browne.....P&GA
Yung Yee Chu.....Chemistry
Ronald S. Dobert.....DNE
Robert J. Gibbs.....Accelerator
Vannett D. Pfeiffer.....Instrumentation
Ernest C. Sykes.....Instrumentation
Ernest K. Warburton.....Physics
Thomas Weldon.....Medical

Ten Years

Charles C. Dodt.....Admin. Sys. & DP
John J. Downey.....Medical
Arthur J. Dunn, Jr.....Accelerator
Douglas W. Gillette.....Accelerator
Eugene Harchuck.....Physics
Joseph A. Mazzarella.....S&M
Thomas L. Smith.....Medical

David Kassner Dies

David A. Kassner, head of the design and production section of the Magnet Construction Division of the ISABELLE project, died suddenly on Wednesday, November 28. He was 51 years old.

Kassner, a native of Patchogue, came to Brookhaven as a technician in 1949, after receiving a Bachelor of Mechanical Engineering degree from Pratt Institute. During his years at the Lab, he rose to the position of Senior Mechanical Engineer and worked on machine design for several Laboratory projects, including the Cosmotron, the Alternating Gradient Synchrotron, and the Bubble Chamber.

He had been involved in the ISABELLE project since 1975. Recently he was issued a patent on a Core/Coil Assembly for use in Superconducting Magnets and Method for Assembling the Same.

"Dave contributed ideas and hardware to many parts of the project," said ISABELLE Project Head Jim Sanford. "He attacked technical and administrative problems with intense vigor. His orderly approach to solving problems, his organizational ability and his criticisms will be long remembered."

Mr. Kassner is survived by his wife Marjorie and two sons, Jeffrey and Robert of Patchogue, and a sister Claire Neubeck, also of Patchogue.

Year-End Yard Tips

The Suffolk County Cooperative Extension has compiled a list of garden chores for early December.

- Garden work for the year is about done. One more final clean-up of leaves and trash will have the yard looking neat for the winter.
- Where old, overgrown shrubs are in need of rejuvenation, corrective pruning may be begun and continued whenever weather permits and until new growth begins in spring.
- Search out and destroy egg cluster bands of tent caterpillars.
- Last chance to mulch strawberries for winter and early spring protection.
- Mulch perennials and roses to a 3" or 4" depth after the ground freezes.
- Apply a loose mulch of evergreen branches or straw to pansy plants.
- Cover those newly planted or exposed evergreens with burlap or polyethylene. The supports should have been put in last month.
- Try to keep off your lawn when it is wet and soggy, or when grass blades are frozen.
- Most houseplants should be kept in a warm window with as much light as possible during the winter.

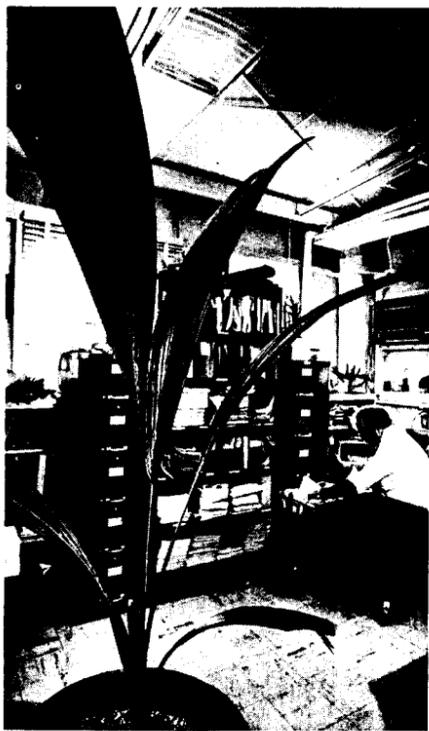
A Tough Nut To Crack

You take one ripe coconut, put it in sand and water, and wait. Matt Rosso did and he now has a coconut tree six feet tall reaching toward the ceiling in his office at Bldg. 835 — an exotic touch in a building crammed with scientific hardware.

Rosso is not a gardener or plant fancier. He tried this particular venture as an experiment. Two years ago, he and his wife were on a sightseeing boat trip on Biscayne Bay and he noted that the captain had a coconut tree sprouting from a pot aboard ship. It intrigued him, so he scoured the beach shaking coconuts to find one full of milk and of a suitable size to fit into a suitcase. Then he brought it back to Long Island and, together with 1" of sand and 2" of water put it in its cradle — a Chlorox bottle split lengthwise.

It didn't sprout overnight. For the first six months the coconut just lay there, and then one day it sprouted. Rosso transferred it to a cut-down 26 gallon wooden whiskey barrel, added a sand and pine bark mulch mix, watered it once a week, and fed it standard organic plant food about once a month. It has taken two years to reach its current height.

Coconut trees, or palms, grow to a height of 40-50 feet and have a long spindly trunk with palm fronds and coconuts clustered at the top. Whether or not Rosso's tree will ever bear coconuts is unknown, but one thing is certain, he doesn't have a cathedral ceiling in his office and the tree will have to be moved soon. Coconut trees cannot survive outdoors in this climate, so Matt is looking for a home in which his tree can



Matt Rosso and the coconut tree which has been thriving in his office. Now that it has reached six feet, it will soon have to be moved elsewhere.

—photo by Humphrey

survive. If he does, and it does, perhaps coconuts will be produced. In that case, all that will be required is a monkey to bring them down.

Arrivals & Departures

Arrivals

Ramesh Dayal.....Nuclear Energy
Adrienne A. Farrell.....Chemistry
Michael R. Kilbourn.....Chemistry
Hilton Medina.....Plant Engrg.
Charles V. Robinson.....Energy & Env.
Mildred S. Schaming.....Supply & Materiel
Moshe Shmid.....Physics
Martha N. Simon.....Biology

Departures

Adel Alapour.....Nuclear Energy
Joseph A. Ash.....Energy & Env.
Gideon Engler.....Physics
Paula H. Newhouse.....Energy & Env.
Robert I. Ostrom.....Plant Engrg.
Linda M. Ptashnik.....Ph. & Gr. Arts
Erumbi S. Srinivasan.....Nuclear Energy
Yang-Ho Sun.....Nuclear Energy

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

Letters To The Editor

To My Friends at BNL,

For your sympathy and prayers at the loss of my son, Mark, I sincerely thank you. The strength you have given me is immeasurable.

Doris Detmer

Christmas Caroling

The BNL Singers will present their annual Christmas Carol Concert on Wednesday, December 19. They will be caroling in the Cafeteria during lunch time and then go on to the Medical Research Center hospital to sing for the patients there.

Singers note: The final three rehearsals will be held at 12 noon in Berkner Hall on Tuesday, December 11; Thursday, December 13; and Tuesday, December 18.

R/C Aircraft Club

Officers have been elected for 1980. They are: Bob Larson - President, Jim Durnan - Vice President, and John Nicoletti - Secretary Treasurer.

The next meeting will be at Berkner Hall, Room C on Wednesday, December 12 at 12:00 noon. Dues will be established for Fiscal Year 1980. Anyone with questions about the club is invited to attend. For more information contact Bob Larson, Ext. 4656 or Jim Durnan, Ext. 2485.

Motorcycle Club

What can a motorcycle club do for you? Rider clinics, maintenance tips, safety awareness lectures, and touring information are just some of the possible program topics that can be available to you if you join the club.

The next meeting will be Monday, December 10, at 5:15 p.m. in the Recreation Building (housing area). It's time to choose an official name, elect officers and get organized. Come to the meeting and voice your special interests in motorcycling. All riders and would-be riders are welcome.

LIRR Trips To NYC

The Hospitality Committee is planning a group railroad trip to the city on Wednesday, December 19. Departure will be at 7:55 a.m. from the Patchogue LIRR station. Round-trip fare for adults is \$2.45; children under six ride free.

Reserve a ticket by sending your fare through the U.S. mail to P.O. Box 322, Upton, New York 11973, no later than Thursday, December 13. Make checks payable to "Brookhaven National Laboratory." Your tickets will be given to you on the train. Refunds will be made only if cancellations are received by the Friday preceding the scheduled trip.

Group railroad trips to the city are scheduled for the first and third Wednesdays of each month. In some cases where there are five Wednesdays in a month, an extra trip will be added. If there is a change in the date or time of a trip, a notice will appear in the *Bulletin*. Listed below are the scheduled train trips to the city for 1980:

January 16 and 30
February 6 and 20
March 5 and 19
April 2, 16 and 30
May 7 and 21
June 4 and 18
July 2, 16 and 30
August 6 and 20
September 3 and 17
October 1, 15 and 29
November 5 and 19
December 3 and 17

French Film Tonight

The French film "*Ascenseur pour l'Échafaud*" ("Elevator for the Gallows") will be shown tonight at 8 p.m. in Berkner Hall. The sound track is in French, and there are English subtitles. This presentation is sponsored by the Brookhaven French Group, who ask that non-members who attend donate \$1.50 (75¢ for students). Refreshments will be served after the film.



A fast breeder, with depleted uranium breeder blanket...
—by Liz Seubert, DEE

Pink League

Nice bowling by Fran Briening 176/161, Mary Grace Meier 174, Marge Stoeckel 171/164, Helen Keeley 171, Ellic Kristiansen 168/162, Deb Johnson 166, Pat Jencius 162. The Lickety Splits are in first by 9 points.

Red League

The 76'ers won 11-0 over the Designers. J. Connelly had a 209/649 gross, J. Morris 214/642 gross, M. McKenna 620 gross, R. Larsen 211 game, E. Hassell 602 gross. The Sandbaggers took the Old Timers 11-0. E. Meier had a 213/645 gross, R. Jones 220/621 gross, W. Reams 204/208/621 gross, J. Fontana 621 gross, C. Bohnenblusch 600 gross. The Strangers also won 11-0 against the Light Source. R. Meier, Jr. grossed 643, T. Romano 617. This Isa Team won 8-3 over the Old Timers II. E. Sperry IV grossed 615. The Freon Loaders lost all 11 to the Phoubars. F. Hohmann had 611 gross wood.

Cooking Exchange

French Fare will be the theme of the Cooking Exchange meeting on Wednesday, December 12. We'll be cooking foods representative of several provinces of France. We hope you will join us.

Cooking Exchange meetings are held at the Recreation Building from 12:30 to 2:30 p.m. Admission is \$1 and babysitting is 25¢ per child.

If you have any questions about the meeting call Ruth Fernow, 928-8465 or Wendy Green, 878-8952.

Cafeteria Menu

Week Ending December 14, 1979

Monday, December 10

Tomato vegetable soup (cup) .35
(bowl) .45
Cheese omelet & zucchini w/tomato 1.30
Spaghetti & meatballs w/garlic bread 1.35
Hot Deli - Pastrami (on bread) 1.40
(on roll) 1.50

Tuesday, December 11

French onion soup (cup) .35
(bowl) .45
Macaroni & cheese & 1 veg. 1.25
Meatloaf & hot German potato salad 1.45
Hot Deli - Corned beef (on bread) 1.40
(on roll) 1.50

Wednesday, December 12

Pepper pot soup w/spaetzle (cup) .45
(bowl) .55
Tuna noodle casserole 1.30
Southern fried chicken w/corn fritter 1.35
Hot Deli - Veal pattie & pepper hero 1.35

Thursday, December 13

Chicken noodle soup (cup) .35
(bowl) .45
Pork & cabbage crisp 1.45
Manicotti & 1 veg. 1.30
Hot Deli - Baked Virginia ham (on bread) 1.35
(on roll) 1.45

Friday, December 14

Manhattan clam chowder (cup) .45
(bowl) .55
Fish fillet cheese melt & 1 veg. 1.45
Hot chili con carne on rice w/corn bread 1.40
Hot Deli - Sandwich steak (on bread) 1.45
(on roll) 1.55

Trapshooting

BNL Rifle and Pistol Club trapshooting takes place at the on-site range each Sunday morning, starting at 9:30 a.m. These regularly scheduled sessions will continue through the winter months, weather permitting.

For those who aren't familiar with trapshooting, this is a shotgun sport where the shooter fires five rounds from five different positions, 16 yards behind the target, providing 25 opportunities per round of trap to break the target. The target is a fragile disk thrown by an electrically powered mechanical thrower. A hit is recorded when the target is broken into two visible pieces. Trap shooting is a challenging sport for the novice as well as the expert.

On Sundays when there is sufficient interest, the Club holds doubles and novelty shoots, such as the rabbit run and quail/rabbit shoots in addition to single trap.

If you are interested in shotgun shooting, either on a regular or occasional basis, join the shooters at the trap range on Sunday mornings. Call Vincent Lettieri, ext. 4092, or William Horn, ext. 3066 for more information.

BAFFA Concert

Mozart's Requiem, and Prokofiev's Alexander Nevsky Cantata will be presented by the BAFFA Symphony Orchestra and Chorus at 3:30 p.m., Sunday, December 9, at the Sayville High School Auditorium on Brook Street. Regular admission is \$3.00 (advance sale), \$4.00 (at door); Sr. citizens and students \$2.00. For information call 981-1790.

Indoor Tennis

A Long Island north shore tennis club with ten indoor Har-Tru courts is offering BNL employees and members of their immediate families special discount rates. Brochures listing the rate and other relevant information are available at the BERA office in Berkner Hall.

BERA Ticket Services

For the person who has everything, why not consider Christmas gifts of tickets to either an opera performance at the Met or an Islanders hockey game. The BERA Film Service Office still has a good selection of tickets on sale. Take your pick from the listings below.

Islanders Hockey - \$12.00 each

December
Tue. 18 Colorado
Sat. 22 Washington

January
Tue. 8 Vancouver
Sat. 12 Washington
Tue. 15 Winnipeg
Sat. 26 Hartford
Tue. 29 Minnesota

February
Thu. 7 Los Angeles
Sat. 9 Quebec
Tue. 12 Winnipeg
Thu. 21 Minnesota

March
Tue. 4 Edmonton
Tue. 11 Colorado
Sat. 15 St. Louis
Sat. 22 Chicago

Metropolitan Opera - \$7.50 each

December
Wed. 12 La Gioconda
Tue. 25 Hansel and Gretel

January
Thu. 27 Hansel and Gretel
Tue. 1 Hansel and Gretel
Sat. 5 eve. 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

February
Mon. 11 Fidelio
Thu. 28 Don Pasquale

March
Mon. 10 Don Carlo
Wed. 19 Tosca
Thu. 20 Don Carlo
Fri. 28 Tosca

April
Mar. 7 Billy Budd
Wed. 9 Manon Lescaut

The BERA Film Service Office is open Monday through Friday between the hours of 9:00 a.m. and 1:00 p.m.

Volleyball

Open League

Standings November 26, 1979

TOGA	6-0	1.000
Moles	5-1	0.833
Spikers	4-2	0.667
OTHG	3-3	0.500
Bumps	0-3	0.000
PP	0-3	0.000
E & P	0-6	0.000

Results November 14

TOGA beat Bumps - 21-10, 21-12, 21-18
Spikers beat E & P - 21-9, 21-2, 21-9
Moles beat OTHG - 21-15, 21-10, 21-12

Results November 28

Moles beat Spikers - 18-21, 21-9, 23-21
OTHG beat E & P - 21-13, 21-6, 21-19
TOGA beat Players Pool - 21-2, 21-6, 21-3

Bridge

The Christmas bridge tournament and party will be on Thursday, December 13, at 7:00 p.m. in the Brookhaven Center. The entry fee is \$1 per person and prizes will be awarded to winners. Everyone is welcome; bring your bridge-playing friends.

Winners at the last three meetings were:
November 8 - 1) S. Dhar/D. Bannerjee, 2) J. Mills/B. Mills, 3) H. Goldman/O. Singh, 4) D. Majumdar/C. Durston, and 5) L. Jellinger/D. Jellinger. November 15 - 1) B. Whisker/B. Sherry, 2) B. Lambiase/C. Durston, 3) B. Mills/J. Mills, 4) C. Pellegrini/M. Pellegrini, and 5) S. Dhar/D. Bannerjee. November 29 - 1) P. Piculo/B. Lambiase, 2) P. Whisker/B. Whisker, 3) M. Pellegrini/C. Pellegrini, 4) D. Bannerjee/S. Dhar, and 5) J. Mills/B. Mills.

These are the people to beat in the tournament. The tournament director reserves the right to assess a handicap on very strong couples, but it will not be severe, only enough to ensure a fair competition. For information, contact Debu Majumdar, Ext. 2633, or Colin Durston, Ext. 2598.

Bowling

Green League

The Light Source dropped from first place as the Strangers took them for 11. For the losers, R. Wiseman had a 219. Although the Pinball Wizards took 7 the Blue Jays moved into first place. For the Wizards, R. Eggert had a 255/610 scatch series and G. Meinken a 200. The Trouble Shooters took 8 from the Sparks while the Phoubars took 11 from the Freon Loaders. B. Sells had a 221. The Old Timers II could only salvage 3.

Purple & White League

Congrats to Pat Manzella who bowled a 225/566 series. Jim Griffin had high game for the men with a 226/578 series. The Good Times remain in first place by 4 points. Other good games were bowled by Dave Penoyer 209, Kurt Jellett 205, Ed Meier 204, Gerri Riker 192, Lynn Boyd 191/180, Gail Shulman 186, Sharon Smith 184, Jeanne Penoyer 183, Pat Manzella 193.

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.

POSITIONS OPEN: Scientific. The following staff positions are open. Candidates may apply directly to the department representative named, or through the Office of Scientific Personnel, Ext. 3338.

POSTDOCTORAL RESEARCH ASSOCIATE - To study interaction of active oxygen species (superoxide radicals, hydroxyl radical and singlet molecular oxygen) with metal-cations, metal-complexes and compounds of biological interest. Contact: Dr. Benon Bielski, Chemistry Department.

LABORATORY RECRUITMENT: Opportunity for present Laboratory employees.

1187. **SECRETARIAL POSITION** - Requires excellent secretarial and communication skills including shorthand and technical typing. Will function as primary secretary to Scientific Program Head. Must be able to interact effectively with scientists and engineers at the Laboratory and other institutions. Duties will include typing technical reports, general correspondence and coordinating office functions. Knowledge of word processing desirable. National Synchrotron Light Source Project.

1188. **SECRETARIAL POSITION** - Requires AAS degree in secretarial science or equivalent experience performing diverse secretarial duties for scientific and professional staff. Excellent typing skills are required and knowledge of technical typing is highly desirable. Chemistry Department.

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

1189. **MECHANICAL ENGINEER** - Requires BS in mechanical engineering plus substantial experience in industrial boiler plant design and application. Working knowledge of central chilled water and compressed air plants is desirable. Will coordinate with architectural and design engineers, DOE, and plant engineering staff in new project designed to upgrade central steam plant facility. Plant Engineering Division.

1190. **COMPUTER SCIENCE ANALYST** - Requires a BS or MS in mathematics or engineering or its equivalent experience in computer programming. Responsibilities will include running, modifying, and maintaining a large computer program for the thermal hydraulic simulation of nuclear reactor systems transients. Previous experience with reactor systems desirable. Department of Nuclear Energy.

1191. **PHOTOGRAPHY AND GRAPHIC ARTS SPECIALIST C** - Requires AAS in data processing or successful completion of computer operations training program or the equivalent experience in computer operations. Will assist with the operation of computer output microfilm equipment. Individual must be willing to work either days or nights. Photography and Graphic Arts Division.

1192. **TECHNICIAN POSITION** (weekly or monthly) - Requires AAS degree or equivalent capabilities in electronic technology with a good background in high energy physics, experimental equipment and instrumentation, to conduct and maintain particle detectors and beam control instrumentation. Accelerator Department.

1193. **CLERICAL POSITION** (four months - temporary) - Requires excellent recordkeeping and communication skills as well as good typing ability. Will answer phone inquiries and keep detailed records for project designed to reduce fuel consumption by homeowners. Department of Energy and Environment.

1194. **CLERICAL POSITION** (four months - temporary/part time) - Requires excellent technical typing ability. Working knowledge of word processing is highly desirable. Will operate Microm word processing system for scientific department during evening hours. Department of Energy and Environment.

Autos & Auto Supplies

78 HONDA CVCC - hatchback, hydro, AM/FM radio, tinted glass, reg gas. \$3995. Jean, 727-2038 after 5.

14" WHEEL RIMS - 5 hole, new, \$12; (4) 14" Regal hub caps, like new, \$6. Ext. 4701, 271-2877.

78 DATSUN 200 SX - 5 spd, 23,800 mi, AM/FM stereo, reg gas. Phil, Ext. 7500, eves 744-0369.

71 MACH 1 - 351 Cleveland, many new parts, good cond, asking \$1400; snow tires, L78-15 mounted on Caddie rims, good for 1 season, \$25. Steve, Ext. 2022, 277-2655.

78 DODGE VAN - 6 cyl, a/t, p/s, insulated & carpeted, mags, radials, 14,900 mi. \$5500. Rich, Ext. 4437.

GENERAL TIRE - snows w/rims, 6.40/6.50-18, also replaces 5.90/6.00-15. Best offer. Ext. 4415.

(2) SNOW TIRES - new F78-14, mounted on rims for Plym Duster. \$50/both. Ext. 2795.

MAROON FIBERGLASS CAP - 8' bed, screens, sliding window, roof vent, seal 1 yr old. \$300. 585-2586.

73 NOVA - 4 dr deluxe, a/t, ps/pb, very good cond, low mi. Best offer. Ext. 4058, 286-0436.

77 PINTO WGN - v.g. a/t, p/s, a/c, red/white roof. \$2750. 363-6845 after 5.

BODY PARTS - for 67 2 dr Plym, R/L fenders, R/L doors, all windows except windshield. Best price takes all. Dan, Ext. 4415.

STARTER - for 56 Buick, \$10; auto horns (2), could be antiques, \$15. 732-7134.

72 FORD LTD - 80,000 + mi, needs muff. \$200. J. Lynch, Ext. 4510, 744-0843.

78 CHEVETTE - 22,000 mi, 4 spd, 4 new Monroe shocks, new mounted snows, AM/FM 8 trk stereo, 22-26 mpg, excel cond. \$3200. Jo, Ext. 4144; Frank C., Ext. 3254.

71 DODGE POLARA - V8, 2 dr, green/blk vinyl top, p/s, a/t, good running cond. Asking \$500. Linda, Ext. 2969, 475-2537 after 5.

68 FORD STA WGN - V8, a/c, roof rack, runs well, very good cond. Tony K., Ext. 3499, 929-6156 after 6.

BUG RIMS - 4 hole, 5 hole, (2) ea, \$10/pr; like new 6v Sears batt, 2 1/2 yrs left on warranty, \$25; new \$42 6/79 gen, 6v. 286-8353.

71 TORINO STA WGN - runs well, steel belted radials. \$600. 744-9812.

SNOW TIRES - new Michelin XM-S 165R15. 2/\$90. Ext. 4941.

76 CHEVY NOVA - 6 cyl, 4 dr, 20 mpg. Dick, Ext. 4615, 928-8522.

SNOW TIRES - G 78-14 mounted on GM rims. 2/\$35. 475-4974.

76 LINCOLN MARK IV - must sell, excel cond, all options, silver/red int. Sacrifice, \$4450. 981-1327.

RIMS - (2) 14", 4 hole. \$5 ea. Ext. 2493.

74 FORD PINTO WGN - 2300 cc eng, 4 spd std on floor. \$1400. P. Heilig, Sr., 981-0048.

70 CHEVY - Suburban K-20, 4 w/d, 350 c.i., a/t, ps/pb, mags, beach tires, extras. \$1900. John, Ext. 4425, 744-4386.

74 TOYOTA CELICA - silver grey, 5 spd, a/c, AM/FM, tape deck, Michelin tires, good cond. Mid 20's. Ext. 2008, 928-5875 after 6.

74 CLUB CAB - a/c, p/s, a/t, AM/FM, 8' bed w/cap, dual batteries, new tires, clean in & out. \$3800. Walter, Ext. 3352.

RIMS - (4) ea 14" GM. \$5 ea. H. Rhodus, Ext. 3284, 924-3522.

TIRES - (2) 165SR14 steel belted radials, Dunlop. \$15 ea. Paul, Ext. 2476, 751-2149.

68 CHEVY WINDOW VAN - V8, stick shift, very clean, good cond. Asking \$850. Ed, 878-1204.

70 HORNET - 2 dr sed, a/t, gold/blk, good running cond, reg gas. \$800. Ext. 2933, 473-2764.

66 CHEVY BEL AIRE STA WGN - fender dented, running well. \$150. Roy, Ext. 4600, 928-0466 eves.

70 PLYMOUTH - Sportabout Satellite sta wgn, low mi, immac cond, 18 mpg, boat carrying roof, new tires, must sell. \$600. John, 475-5420.

HOLLEY CARB - 650 cfm, rebuilt by Stan Reiger Carb Inc. \$35. Ext. 4701, 757-5991.

74 COUGAR XR7 - Silver Edition, full pwr, split velour bench seats, AM/FM/tape. \$2400. 587-2990 after 6:30.

70 BUICK SKYLARK - 4 dr, new batt, starter, muff & tires, rebuilt trans. \$500. Horri, Ext. 3078.

DIFFERENTIAL - for 71 Dodge, 3.21:1 ratio. \$50. Davis, Ext. 4504.

13" RIMS - for Plym Valiant. \$10/pr. Ext. 2041.

CARBURETOR - Holley 650 Spreadbore, new. \$90 firm. Lou, Ext. 4046/4087.

15" WHEEL - for 71 Olds, \$5; bumper jack, almost new, Sears best, \$10; AM radio & FM Audiovox converter, \$20. Ext. 2492.

74 CAMARO LT 385 - wide tires, extras, 16-18 mpg, perf mech & body, orig owner. Marisa, Ext. 2119.

79 OLDS 88 - needs some work. \$150. Ext. 7607.

73 GRAN TORINO - ps/pb, a/c, a/t. Asking \$500. 878-4214 eves.

76 BUICK SKYLARK - V6 eng, radial tires, 33,000 mi. \$2700. Ext. 3721.

74 AUDI FOX - a/t, AM/FM stereo, excel cond, new eng. \$2000. Bob, 862-9178.

76 PLM VOLARE STA WGN - 6 cyl, std shift, 44,000 mi, excel. \$1995. Ext. 3643.

69 VW BEETLE - high mi & body rust but runs fine, just insp, tired but faithful. \$150. Anne, Ext. 3404, 286-3764.

PONTIAC PARTS - big block turbo 400 trans, \$125; heads, \$30; p/s pump, \$10; alternator, \$15; fuel pump, \$5; 4 bbl manifold, \$25; oil pan, \$10. Fred, Ext. 4407, 499-1214.

AM CAR RADIO - std size, fits GM. \$12 ea. Jay, Ext. 2022.

(4) FORD WHEELS - 8 holes, 16.5 w/tires, good cond. 928-5199.

RIMS - (4) 14x7 Rally rims for Chrysler products or Ford, \$75; (4) 15x8 Corvette stock rims w/centers, \$100. Rick, Ext. 4437.

68 FORD FALCON WGN - good running cond; body, tires, etc very good shape. \$300. 585-2586.

78 HONDA CX500 - motorcycle, water cooled, shaft driven, mint, cond, extras. \$1700 firm. John, Ext. 3292; Mike, 286-0744.

65 VW - stick, runs very well. \$500. Ext. 3219/2115.

Boats & Marine Supplies

MERCURY OUTBOARD - 1970, 50 hp, running cond. \$25. Dick, Ext. 4666.

19' O'DAY MARINER - 2 sails, 4 hp Evinrude, head, sail & winter covers, running lts, much more. Asking \$3700. 473-2473.

Yard Sales

WADING RIVER - 1938 Longview Rd, Sat, Dec 8, combo Christmas arts & crafts + garage sale. 929-4923.

Miscellaneous

STOVE - air tight, burns wood or cannel coal lg. \$250. Bill, 668-2969 eves.

GINGERBREAD HOUSES - Christmas candy, houses from \$5.50. Joe, Ext. 7636, 924-6971 after 5.

CLUB CHAIR - colonial style, white w/floral design, never used. \$229 value, asking \$100. 289-0687.

TURNTABLE - Thorens 150, manual, excel cond. \$50 or best offer. 286-3742 eves or weekends.

COAL - \$3.60/40 lb bag of pea coal or 8¢/lb in your container. Al, Ext. 2094, 427-4993.

DINNERWARE SET - service for 8. Asking \$25. 289-0687.

TANK - 10 gal w/slate bottom, \$9; bed frame, dbl, \$10; ice skates, women's 9 1/2, \$4.50. Sue, Ext. 4207.

MAPLE HI-CHAIR - \$20; Fisher Price Hospital. \$5; Weebles Treehouse, camping set, \$7.50; play tiles; games. Ext. 2340.

REFRIG/FREEZER - 19 cu ft, Frost Free G.E., \$50; T.V. 19" console, \$50. 289-1755.

DINETTE TABLE - formica top, floral design, 36"x60", \$25 - chairs free; end tables 2 swivel rockers, record cabinet, lamps. 744-3069.

ENGLISH SADDLE - forward seat, for average/narrow horse or pony, 17 1/2" seat, almost new. \$180. John, Ext. 4203.

SCANNER - Bearcat 4 channel, charger, batt, DC adapt, 2 ant's, hi/lo band. \$80. Lew, Ext. 3082.

AM/FM STEREO TUNER - Kenwood #KT-8005, Fisher stereo rcvr AM/FM, 75 watts per channel #800-C. \$250. Ext. 3992.

LADY'S LEATHER COAT - size 7, dk red, excel cond, \$15; beginner's accordian, like new, \$35. 281-3992.

OAK CHINA CLOSET - curved glass, 36" w, 61" h. \$275. 286-9685 after 5.

CHAIR - brown Herculon recliner & blk swivel chair. Both/\$25. Terry, 499-8377.

MORLEY - phase shifter/volume control, PFV, w/vinyl case, mint, \$80; Sam ASH 2 1/2" spkr cabinet, w/cover, no spkrs, mint, \$40. C. Zein, Ext. 3950.

CORNINGWARE - 10" fry pan, brand new, \$13; also misc kitchen items, some brand new, \$1 & \$2. S. Spark, Ext. 4111.

NATIONAL GEOGRAPHIC MAGAZINES - 727-5912.

PRECISION SEWING MACHINE - portable, old; Remington typewriter, antique, works, best offer; Midland CB & antenna, \$50. Dave, 369-1792.

TENT - 8'x10' Morsan, used 1 summer, w/poles & pegs. \$55. Paul, 286-2517.

CAMERA - Polaroid #340 w/case & flash, used once, great gift. Best offer. Henry, Ext. 3050, 588-3999.

ICE SKATES - girl's size 3, boy's size 1, \$3 ea; outside roller skates, \$4; GE wall oven, use for parts or replace glass, works, \$10. 475-2998.

SUNFLOWER SEEDS - LI grown, birds love them, humans, too. Only \$1 for 2 lb pkg. 924-3236.

ICE SKATES - boy's fig size 4-6; cub uniform size 12-14; \$4 ea. Ron, Ext. 4082.

CAMPING EQUIP - sleeping bags, Coleman ice box, stove, lamp, car-top carrier. Yosepha, Ext. 3403, 345-3079 eves.

ENLARGER - Bessler w/Nikon lens, misc developing equip. \$250 takes all. Sue, Ext. 2889.

WOOD STOVE - thermo-control, air tight, water coils, heat shields, flue pipe, hardly used. \$500. B. Espensen, Ext. 3992, 298-4172.

FRANKLIN FIREPLACE - excel cond. \$125. Frank, 924-7488.

RECONDITIONED TV - Emerson 19" b/w, w/3 hr adjustable timer, \$40, guaranteed; reconditioned Panasonic 19" b/w TV, \$90, guaranteed. Frank, Ext. 4798 lunchtime.

HUMIDIFIER - Air King, 20 gal cap, drum type, perf cond. \$45. Ext. 4701, 271-2877.

VIP MEMBERSHIP - Holiday Spas, good Christmas gift, \$24 renewal, must sell. Al, Ext. 3284, 265-0540.

BIKE - 10 spd GT, good cond, \$80; figure skates, ladies' size 3; 4 Corning cups, \$5. Ext. 4763.

KEROSENE HEATER - floor lamp, \$5; lg & sm trunk; bowling ball, \$4; antique chiffonier & dresser. 281-8592.

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

SHOREHAM - 4 bedrm colonial, 2 1/2 baths, eik, D/R, den, 2-car gar, full bsmt, fenced acre, many extras. \$56,500. Jack, Ext. 3040, 744-2821.

MASTIC - Vet's special, \$500 total cash to move into squeaky clean, 6 rm ranch, treed plot, tons of extras. 281-5498.

MT. SINAI - 3 bedrm ranch, cathedral ceiling in L/R, fp, w/w, 5 appl, 2 baths, gar. \$43,000. Bill, Ext. 3369, 929-6442.

BELLPORT - solid updated cape, L/R w/fp, 3 bedrms, study, 2 baths, lg eik, reasonable taxes, assumable 8 1/2% FHA mtg. Ext. 3626, 286-0428.

CENTER MORICHES - Holiday Beach, fenced corner plot 75x125. Reasonable. Bob, Ext. 3309, 289-1568 after 6.

CORAM - Tanglewood Hills, 4 bedrms, L/R, D/R, eik, 1/10 acre fenced, 2-car gar, patio, shed, immac cond, gas heat, 2 baths, must sell. Reduced to \$34,000. Susan, Ext. 3404, 698-4966.

BELLPORT VILLAGE - charming 2 bedrm, excel loc, 2-car gar, studio/shop, flowering trees, shrubs. Asking \$55K. Ext. 3766, 286-0123.

ROCKY POINT - 2 bedrm brick veneer ranch, detached gar, approx 1/2 acre land. Ext. 2460, 744-9822.

For Rent

SOUND BEACH - 2-3 bedrm house, 1 1/2 baths. Ext. 2926, 281-0268.

PORT JEFFERSON - 3 bedrm house, fenced yard, gar, water, refrig, like new, avail Dec 5. \$425. 821-0275 after 6 or weekends.

POCONO'S - chalet, fp, sleeps 6, indoor pool, ski Tanglewood, snowmobile, winter weekend \$125, week \$250. Ext. 4551, 289-2159.

BROOKHAVEN HAMLET - 3 rm apt, furn, 12 min from Lab. \$280/mo w/util. 286-0641.

SOUTHAVEN - elegant studio apt, furn, compl kit, fp, gar, single occupancy, 6 mi from Lab. \$265 incl util. Ext. 3058.

PATCHOGUE - 2 bedrm apt, spacious gar, fenced yard, walk to shopping. 289-0012.

MASTIC BEACH - charming sm home, 4 rms, convenient to stores, 10 min from Lab, business person or couple. \$300. 281-8044 before 5, 399-3684 after 5.

YAPHANK - townhouse, 5 min from BNL, L/R, 3 bedrms, kit, dinette, full bsmt, gar. \$350/mo. Ext. 3389, 765-2102 days; 924-3721 eves.

Wanted

HOME - for spayed & altered cats or kittens. JoAnn, 744-2821.

SKIERS - & non skiers to ski Whiteface Mt, Lake Placid Jan 18-20. For info call B. Ryatt, Ext. 3592.

HOME - for male German Shepherd, 5 yrs old, gentle, housebroken, obedient. Ext. 7780.

TRIPOD - for movie camera, adjustable. David, 928-6654.

"STAIRLIFT" ELEVATOR - used, for wheelchair user to go up & down stairs. Peggy, Ext. 2540, 286-0623.

CUB SCOUT UNIFORM - size 10, need everything. Lois, Ext. 2921, 929-4753 after 5.

FEMALE DUTCH RABBIT - or otherwise for lonely male Dutch rabbit. April, Ext. 3799, 286-8362.

ENGLISH-SPEAKING PERSON - interested in conversing in Spanish & English. Carmen, Ext. 2086.

HEADBOARDS - (2) twin size. Elaine, Ext. 4357.

MOTORCYCLES - bent or broken, any age, any cond. Kevin, 281-8031.

THANKS - to all the Lab people, from the handicapped boy who used to save stamps. He no longer needs them.

USED BRICKS - at reasonable cost; will young piano teacher who advertised a few months ago please call 744-5801; I have a number of interested students.

RIMS - for 78 Fiat Spyder. Debbie, Ext. 4173, 589-0643.

VIOLIN - full size, good/excel cond, need bow & case, prefer German make. Julie, Ext. 2942, 929-6460.

WOMAN TO SHARE - lg furn house, 1 child OK, S. Setauket Park. For more info call Paula, 698-8950 after 6.

CHILD'S YARD SWING SET - G. Williams, Ext. 7529.

SWISS KNIFE - w/many blades & tools; microscope (700-1200X) w/kit? price up to \$30, for young boy. John, Ext. 3292, 286-1348.

DOWNHILL SKIS - 140cm, 150cm, boots size 7-9. Ext. 4846.

Car Pools

HUNTINGTON VILLAGE - car pool wanted 2-3 days/wk. P. Gollon, Ext. 7799, 271-5774.

BELLPORT - would like to join existing or begin new car pool. Ext. 3493.

SAG HARBOR - need additional driver for existing car pool. J. Andrews, Ext. 7726; B. Doty, Ext. 4460.

PATCHOGUE - ride needed T, W, Th, 8:30-5:00 until usual ride recovers illness, flexible. P. Micca, Ext. 35