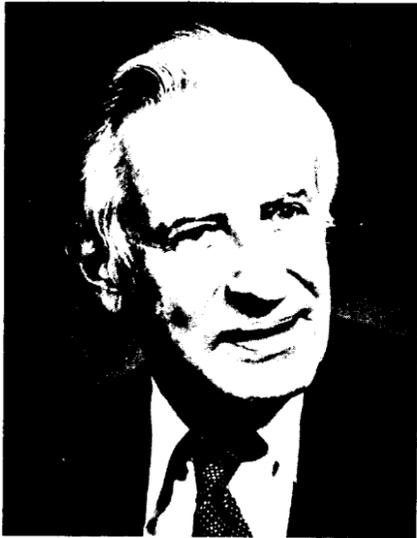


## Blewett And Smith Retire Today

John P. Blewett did not start out to be a scientist. He fully intended to become a classicist until one of his high school teachers, with whom he had been studying Latin, said "you're not that good in classics, so why don't you try something else." He obligingly switched his application at the University of Toronto to physics and received his bachelor's degree in 1932 and a master's degree in 1933. He continued



John Blewett

graduate work at Princeton and in 1936 obtained his Ph.D.

As a Royal Society of Canada Fellow, Blewett spent the following year at the Cavendish Laboratory studying the techniques of nuclear physics under the direction of the late Lord Rutherford. "We saw a lot of Maurice Goldhaber at the time," he says, "and I consider it one of my major accomplishments that I was instrumental in persuading him to come to America."

In 1937, Blewett joined the Research Laboratory of the General Electric Company in Schenectady and remained there for ten years. It was at GE in 1945 that he wrote a paper on radiation losses in accelerators, which led to his being credited as the experimental discoverer of synchrotron radiation. At Brookhaven many years later, he was involved with Green, Chasman and Godel on early studies of synchrotron radiation and, in February 1977, edited the Reference Documents for the Proposal for a National Synchrotron Light Source.

Since he came to Brookhaven in 1947 to work on accelerators, Blewett has been intimately associated with the Laboratory's major facilities. When he arrived, it had been decided that a proton synchrotron accelerator was going to be built and he took part in the design and construction of the 3 BeV Cosmotron.

The Alternating Gradient Synchrotron came next and Blewett considers his con-

(continued on page 2)  
5-841-78

Harold H. Smith was always interested in natural history. As a youth, he says he was a bird watcher and his curiosity about the world around him led him to major in biology at Rutgers University. He did his graduate work at Harvard and, in 1936, obtained a Ph.D. in genetics. The next seven years were spent as a plant geneticist at the U.S. Department of Agriculture in Washington, D.C. From 1943 to 1946 he was a Lt. (Sr. Grade) in the U.S. Navy and, following his discharge, joined the faculty of Cornell University where he remained until 1956.

"The science of genetics has changed completely since I had my formal training," he says, "and the biggest change has been in putting things on a molecular basis. I try to relearn genetics every day." Smith says that although the last 15 years in genetics have been explosive, he thinks that the next fifteen will make the past seem pale in comparison.

As one of the world's leading geneticists, Dr. Smith has contributed greatly to the rapid advances made in this field. In 1976 he and his group made headlines with the fusion of a human cell with a tobacco plant cell, the first inter-kingdom fusion between plants and man. It was the culmination of what was long just an idea - the ability to combine widely different genetic systems. Since that time, Dr. Smith reports that they have been involved in trying to improve



Harold Smith

techniques in order to make the next steps. He is optimistic that they will be successful.

Since Smith joined the Biology Department staff as a Senior Geneticist in 1956, he indicates that there have been other high points in what he calls "waves of interest." These high points include the use of plant systems for studying the effects of radiation, basic principles of evolution, incorporation of radioisotopes, and the genetic basis of

(continued on page 2)  
5-845-78

## Seven More Say Au Revoir



John Pukit



John Kehlenbeck



Stephen Waski



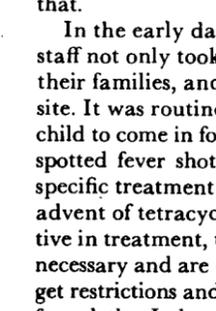
John Cain



Joseph Sylvester



Alexander Selan



Alfred Celentano

5-608-78

5-610-78 (Story on Page 2)

5-842-78

-photos by Rosen 5-1070-78



Knud Knudsen (left) and Robert Love

## Dr. Love Leaves After 30 Years Knudsen To Head Clinic

Dr. Robert A. Love has been in charge of Industrial Medicine since 1947 and, as such, he is probably the best-known person at the Laboratory. Today he will retire and the job of overseeing the health of Brookhaven personnel now falls to Dr. Knud Knudsen.

Dr. Love has spent the major part of his career at BNL. A native of Brooklyn, he received a B.A. degree from Brown University and his M.D. degree from Cornell University Medical College in 1942. He interned at Kings County Hospital for one year and then saw active duty in the U.S. Navy Medical Corps from 1943 to 1946. Following another year at Kings County Hospital as a Resident in Internal Medicine, he joined the staff of Brookhaven's Medical Department.

Although many things in medical care remain constant, in the last 30 years certain advances in pharmacology made a considerable difference. The arrival of penicillin was significant. Dr. Love recalls that his first contact with the wonder drug was in 1942 when a drug company donated some for a case at Kings County Hospital in a trial run. At that time it cost about \$5000 for one dose. The penicillin was given to a patient, in this case a woman, and then all her urine was collected and sent back to the company where the excreted penicillin in the urine was extracted and returned to the hospital to be reused in the same person.

It also used to be common to see rheumatic hearts, as a result of rheumatic fever caused by a strep infection. Dr. Love says young people very often got the infection at about 12 or 13 and generally didn't live beyond 30 years of age. Penicillin changed all that.

In the early days, Love says, the clinic staff not only took care of employees, but their families, and everybody residing on site. It was routine in the spring for every child to come in for their Rocky Mountain spotted fever shots because there was no specific treatment for the illness. With the advent of tetracyclines, which were effective in treatment, the shots were no longer necessary and are now seldom given. Budget restrictions and a burgeoning staff then forced the Laboratory to restrict health care to regular physical examinations,

emergencies, and the diagnosis and treatment of job-related illnesses for employees only.

In the 1950's, Love and the late Dr. Lewis K. Dahl took a survey of employees to determine the amount of salt they consumed. When the information was correlated, it turned out that there was more hypertension in high salt eaters than in low. The findings confirmed their hunch and further research established, as a fact, the relationship of high salt intake to high blood pressure. Although he has had a hand in a number of research projects, Dr. Love's main research interest has been in the treatment of accidental radioactive isotopic contamination and radiation exposure.

In World War II, Love served first at the Brooklyn Navy Yard, then in the destroyer service in the North Atlantic and, finally, in the Naval Dispensary in Washington, D.C. Following 27 years in the U.S. Naval Reserve, he retired as a Captain. He was active in Naval Reserve Research Company 3-9, a specialized unit on Long Island which operated for a number of years under the technical direction of the Office of Naval Research, and of which a number of BNL staff were members.

And what does he plan to do now? "This summer," he says, "I just plan to bum around the bay on the boat and clam. Later my wife and I will take the camper and go up to Maine. After that, we'll just wait and see."

Dr. Knud D. Knudsen comes to his new post with a background of broad clinical experience, from Norway to the Marshall Islands, and years of research in biochemistry.

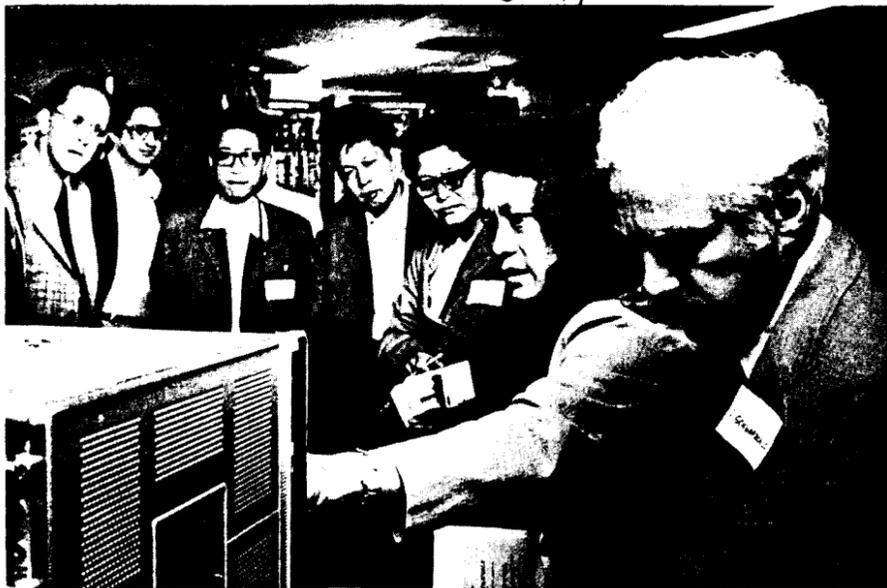
Knudsen obtained his M.D. degree from Oslo University in 1950 and spent the next two years in Germany with a Norwegian brigade attached to the British Rhine Army. On his return to Norway he interned for one year before joining a volunteer Norwegian medical team in Korea. Knudsen was a MASH doctor on that battlefield, serving two American divisions in I-Corps. The NOR-MASH hospital was in position in 1953 to treat the casualties of the bloody battle at Pork Chop Hill.

(continued on page 2)

7-16-78

## Chinese Delegation At BNL

6-2085-78



BNL physicists Arthur Schwartzschild and Peter Thieberger (far right and far left) conducted a tour of the Tandem Van de Graaff for members of the delegation from the People's Republic of China. Ling Lie Wang (second from right), also of the Physics Department, points out a computer display of data to the group who toured the Lab June 27th. Earlier, Nicholas Samios (second from left) discussed the Physics Program with the visitors. A tour of the AGS and a talk by Chen Chun-hsien, "Recent Experiments of No. 6 Tokamak Device," of the Institute of Physics, Peking, were also given. The delegation, interested in nuclear research, equipment and physics, consisted of ten members who toured American universities and research institutions throughout June. Their U.S. visit is part of the scientific exchange between the two countries.

## Lung Damage Tests

The Medical Department is performing detailed clinical respiratory and laboratory tests on individuals with suspected pulmonary impairments. The tests performed enable physicians to define the extent of lung impairment and damage to other systems. Those who smoke, have stopped smoking, or suspect that they may have a respiratory problem may benefit from the program.

Employees, dependents and others who are interested will be interviewed. Individuals eligible and wishing to participate in the program will spend approximately five days as an inpatient at the Hospital of the Medical Research Center. For additional information call Ext. 3672.

## Retirees

(Cont'd)

**John W. Pukit** has been a Technical Specialist in the Accelerator Department since April 9, 1962. He plans to enjoy his retirement at his home in Riverhead, "do some woodworking around the house" and concentrate on fishing and photography.

**Joseph Sylvester**, a Hospital Services Assistant in the Medical Department since March 19, 1962, says he hasn't made any definite retirement plans, but he hopes to take a trip to Europe. He is a resident of Medford.

**Alexander Selan** has worked as a Cabinetmaker in Plant Engineering since June 6, 1955. He is preparing to move from Mastic Beach to Clearwater, Florida, where he has friends and where, he says, the fishing is superb.

**John Kehlenbeck**, an Electrician in Plant Engineering since August 6, 1962, is building a home in North Carolina and expects to move there in two years. An avid camper, he plans to have a leisurely summer with his family.

**Alfred Celentano** is a Research Services Assistant in the Medical Department and came to the Laboratory on August 27, 1951. He is a resident of Patchogue.

**Stephen T. Waski** came to the Laboratory on June 13, 1949 and is a Motor Vehicle Maintenance Supervisor in Staff Services. A Long Islander, he intends to tour the South with an eye to relocating in Florida or Tennessee. Golfing, gardening and fishing are his prime interests.

**John T. Cain**, a Technical Specialist in the Accelerator Department since November 12, 1962, is going "to relax" at his home in Port Jefferson Station. To him that means playing golf, fishing, and vacationing in Florida.

## Safety Glasses

Beginning July 5, safety glasses will be issued on Wednesdays, rather than Tuesdays, during the hours of 9 a.m. - noon, and from 1 p.m. - 4:30 p.m.

## Blewett

(Cont'd)

contributions to this project as his most important work. The first paper on the strong focusing principle published in the *Physical Review* was written by Courant, Livingston and Schneider in 1952. In a second paper that same year, Blewett outlined its application in linear accelerators. He initiated the design study for the 33 BeV AGS and took charge of the design and construction of the linear accelerator injector.

Blewett was Deputy Chairman of the Accelerator Department from 1954 to 1973 and, concurrently for eight years, was head of the Advanced Accelerator Development Division (A<sup>2</sup>D<sup>2</sup>). In 1963, he and L.C.L. Yuan organized a summer study on Brookhaven's future programs in high energy physics. It was held to determine whether Brookhaven should "do colliding beams" or soup up the AGS. According to Blewett, at that time there were only three people in the U.S. interested in colliding beams, so it was decided to raise the intensity of the AGS. He then directed several design studies on these improvements.

The ISABELLE project was initiated by Blewett and Fred Mills. An A<sup>2</sup>D<sup>2</sup> study on 1000-GeV colliding beams was reported in internal reports in November 1970 and April 1971. Blewett made the first announcement of the project at the 1971 International Accelerator Conference at CERN.

Blewett has published extensively in many journals. With M.S. Livingston, he wrote a book on "Particle Accelerators" in 1962, which is still considered a definitive work. In 1970, he and his long-time assistant, Yvonne Winterbottom, founded the journal *Particle Accelerators* which they edited for Gordon and Breach until they retired from the editorship this year.

In 1973, Blewett became Special Assistant to the Director for Energy where he coordinated the Laboratory's diverse energy programs and, among other things, was instrumental in starting the solar energy program in the Accelerator Department.

Blewett will continue as a consultant to the Director's Office and when he is not at the Laboratory, he intends to use his fertile imagination on the design of a sailboat which uses a windmill instead of a sail to drive it.

## New York Train Trip

The Hospitality Committee is planning a group railroad trip to the city on Wednesday, July 19, 1978. Departure will be at 8:32 a.m. from the Patchogue LIRR station. Round-trip fare for adults is \$2.45, children under six years 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, July 13. Make checks payable to "Brookhaven National Laboratory." Your tickets will be given to you at the train station. Refunds will be made only if cancellations are received by the Friday preceding the scheduled trip.

## In Memoriam

**Kenneth L. Kennedy** died June 26, 1978 of injuries incurred from a motorcycle accident. He was a technician in the EP&S Division, Experimental Area Operations Group in the Accelerator Department. Born December 4, 1936, Kenneth had been a BNL employee since April 18, 1960. He is survived by his wife Phyllis and two daughters, Brenda and Patti.

Known at the AGS for his blackboard artwork, especially at the holidays, Kenneth also painted, sketched and designed scrimshaw. He was a resident of Medford Station.

**Eleanor Kwiatkoski**, an Office Services Assistant in Plant Engineering, died June 18, 1978 after a long illness. Eleanor was a resident of Patchogue and an employee of the Lab since May 19, 1947. She is survived by three sisters, Victoria Kemp, Genevieve Lonski and Josephine Brunner and one brother, Joseph.

## No Bulletin Next Week

Because of the extended July 4 holidays, the *Bulletin* will not be published on July 7.

## Smith

(Cont'd)

tumor formation.

Throughout his career, Smith's expertise has been much in demand both here and abroad. His first experience in the international field came in the U.S. Navy during World War II when he was assigned as the Navy representative with the British Army at the Chemical Defense Research Establishment, on the Malabar coast of South India. In the following years he travelled to just about every country in the world as an invited lecturer at major scientific conferences, a member of study groups and as a leader of scientific missions. In 1959 he served as a Member of the Secretariat of the International Atomic Energy Agency in Vienna to develop international research contract programs, and to implement technical assistance projects in less developed countries.

In turn, scientists from all over the world considered a visit to his laboratory of major importance in their trips to this country and there has been a constant stream of applicants wanting to work with him.

Smith is the author of 125 publications and is on the editorial boards of *Mutation Research*, *Journal of Heredity*, and *Environmental and Experimental Botany*. He is a member of numerous professional societies and in 1976 was President of the American Genetics Association.

Although he is retiring officially today, Dr. Smith will continue as a consultant to the Biology Department. Any travelling he does now he says will be "selective and easygoing." And he will have some time to enjoy the visits of his five grandchildren.

## Knudsen

(Cont'd)

He again returned to Oslo to complete his internship and then practiced general medicine for two years in a remote village in Norway.

From 1956 to 1964, Knudsen specialized in clinical biochemistry at the Rikshospitalet in Oslo. During this period he went back to Korea for a year and a half to take charge of clinical biochemistry at a graduate training hospital and nursing school run by the Scandinavian Mission in Seoul.

On his way back from Korea he came to BNL to visit with the famous biochemist, Dr. Donald Van Slyke, and also became acquainted with the Laboratory's medical research. In 1964 he was invited to join the staff of the Medical Department. For the next eight years his time was devoted entirely to research on hypertension in close association with Dr. Lewis K. Dahl.

In 1972, Dr. Knudsen again went into the field. He became the Laboratory's resident physician in the Marshall Islands and spent a total of four years in the area, returning finally in March, 1978. His job was to give continuing medical care to the people on the islands who had been accidentally exposed to radioactive fallout during a Pacific bomb test in 1954. Brookhaven medical teams have been making annual

## Information Chief Visits BNL



On his June 26th visit to BNL's National Center for Analysis of Energy Systems, Lincoln E. Moses, Administrator for the DOE's Energy Information Administration (right), met with Kenneth Hoffman head of the Center. Moses was given an overview of the NCAES which included presentations of conservation analysis, international programs and environmental analysis, among other topics. He also held discussions with BNL administrative officials.

## Auditions

The BERA Theatre Group is planning a night of Vaudeville Entertainment in August, to be directed by Denise Dew-Hughes.

Auditions will be held in Berkner Hall on July 10, 11, 17 and 18, at 8 p.m. Bring your barbershop quartet, dog act, or what have you. A piano player will be provided but bring your own sheet music.

## Cafeteria Menu

## Week Ending July 7, 1978

Monday, July 3

HOLIDAY - (Snack Bar Open)

Tuesday, July 4

HOLIDAY - (Snack Bar Open)

Wednesday, July 5

Tomato bouillon	(cup)	.30
	(bowl)	.40
Franks & beans		1.10
Roast sirloin of beef and 1 veg.		1.40
Hot Deli - Pastrami	(on bread)	1.15
	(on roll)	1.25

Thursday, July 6

Minestrone soup	(cup)	.30
	(bowl)	.40

Saga's homemade Lasagna and 1 veg.		1.35
Chopped steak and 1 veg.		1.10
Hot Deli - Knockwurst	(on bread)	1.15
	(on roll)	1.25

Friday, July 7

Clam & celery soup	(cup)	.40
	(bowl)	.50
Pot roast and 1 veg.		1.40
Hot Deli - Smoked tongue	(on bread)	1.15
	(on roll)	1.25

visits to the islands since that time, but Knudsen was the first resident M.D.

During his stay there, he was accompanied by his wife, an operating room nurse who helped him considerably. The Knudsens were quartered at an Army base at Kwajalein and lived comfortably.

When they went to the outer islands, it was another story. In the beginning they had to travel on copra ships, "a rough ride," and then camp out on the islands. It was necessary to bring their own food and water and, of course, cart their equipment ashore. Despite their personal discomfort, Knudsen says that getting to know the people and living with them was a definite advantage. After two years, an LCU was furnished by the Army to the AEC and this changed the whole operation. Although they were able to provide more regular and efficient service, he regrets that they lost the close contact with the people because they were able to live aboard the ship.

Knudsen says that the Marshallese are more stoic under treatment than Westerners. They never complain. Even the children go leaping up into the dentist's chair to have their teeth pulled. Although he will not be pulling teeth at Brookhaven and the clinic in no way resembles a MASH hospital, Knudsen is looking forward to his next clinical experience.

# BROOKHAVEN BULLETIN

Published weekly for the employees of  
BROOKHAVEN NATIONAL LABORATORY

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## The Laboratory's Weekend Ambassadors

6-2069-78

## Softball



Pausing for a friendly gathering after work are BNL's tour guides. Each weekend, the guides conduct visitors by bus around the site, including the featured mini-tour and a visit to the Exhibit Center. Janet Hoefling, Design and Exhibit Manager (third from left) and Assistant Manager Mona Rowe (center, front) have given the guides an intensive week-long training program so that the tours provide visitors with accurate, interesting scientific information. In addition to their training, guides receive special lectures on topics such as safety, the AGS, ISABELLE and the High Flux Beam Reactor. Janet, Mona and the guides hope visitors leave the Lab having learned something of its scientific research. — photo by Reben

## Employee Opportunity

Two employees of the Laboratory who have worked full-time for at least six months will be selected on August 4 to begin studies at Suffolk Community College this fall. The announcement that two new openings are available in the Technician Training Program was made by Personnel Manager, Joseph Washburne, yesterday.

This program provides the opportunity for employees with some technical proficiency to complete requirements for an Associate in Applied Science degree and receive on-the-job training, at full salary and with tuition costs paid by the Laboratory.

Besides the requirement of six months' full-time employment, preference will be given to applicants who are currently earning no more than \$208 a week, base pay. Applications are available at the Personnel Office and must be returned to that office no later than July 28. Further information is available from Peter Paige on extension 2885.

## Holiday Notices

The Cafeteria will be open from 9:00 a.m. until 2:00 p.m. daily on Saturday, Sunday, Monday and Tuesday, July 1 through July 4.

The Center Club will be closed on Saturday, Sunday and Monday, reopening at 5:00 p.m. on Tuesday evening, July 4.

The Vended Food Service in Bldg. 912 will be in operation continuously.

The Bank and Post Office will be closed on Tuesday, July 4.

## Work Schedules

Because of BNL's growing staff and increased workload, Laboratory Director George Vineyard emphasized adherence to work schedules in a memorandum to all employees earlier this week. The regulations as they affect both exempt and non-exempt employees are as follows:

- With respect to pay policies and pertinent legal requirements, the Laboratory staff is divided into two categories: exempt and nonexempt. The term "exempt" means that the employee is not subject to the Federal Wage-Hour laws requiring additional payment for overtime. Employees in this category have professional, administrative, or supervisory positions which meet the definitions set forth in the Federal Wage-Hour regulations. Exempt employees are expected to work a nominal 40-hour work-week and additional time as the job requires, but are not rigidly held to a fixed schedule of work hours. Such employees do have some degree of latitude in changing their scheduled work hours so long as their total job requirements are fulfilled.

- In contrast, nonexempt employees' work schedules must be continuously monitored, since hours worked in excess of eight hours/day or 40 hours/week are required to be paid at overtime premium rates. As a result, supervisors have only limited flexibility in scheduling nonexempt work hours. It is permissible, subject to work requirements, for supervisors to extend a non-exempt employee's normal 30-minute lunch period to up to one hour by adjusting the employee's scheduled starting or finishing time to assure the Laboratory a full eight hours of scheduled work. In addition, it is Laboratory practice to permit employees a work break in the morning and in the afternoon, subject to the requirements of the work schedule. An employee should not be excused from his or her work station for more than a 15-minute break.

## Mini Tour Schedule

In order to be able to make plans in advance, a number of employees have asked for the season's schedule of mini-tours. Following is a list of the tours planned through October 1, 1978:

July	
1, 2	No tour
8, 9	Chemistry
15, 16	Medical
22, 23	Medical
29, 30	LINAC
August	
5, 6	Brookhaven Solar Heliostat Project
12, 13	Tandem Van de Graaff
19, 20	Accelerator Department (power transmission lines)
26, 27	LINAC
September	
2, 3	No tour
9, 10	Department of Energy and Environment - National Center for the Analysis of Energy Systems - at Exhibit Center
16, 17	Physics
23, 24	Brookhaven Solar Heliostat Project
Sept. 30 - Oct. 1	
	Safety and Environmental Protection Division

## Hospitality News

A morning coffee will be held on Monday, July 10, from 9:30 to 11:30 a.m. in the Brookhaven Center.

All wives of Laboratory employees are welcome. Please come and bring the children. Babysitting will be provided free of charge. It is suggested that you bring along a toy or two for your child to play with.

## Arrivals & Departures

### Arrivals

John J. Agostine	Accelerator
Charles E. Botts	Plant Engr.
Susan A. Kennell	Accelerator
Robert G. Lynn	Central Shops
Nancy A. Monastero	Chemistry
Richard F. Pietrzak	Nuclear Energy
Krishnamurti Ramamurti	Biology
William L. Stokes, Jr.	Physics

### Departures

Jane E. Burke	Medical
Douglas Carle	Plant Engr.
James Florakis	Accelerator
Emil W. Fu	Chemistry
Lois I. Marascia	Nuclear Energy
Richard A. Rosen	Energy & Env.
John P. Scheib	Energy & Env.

## On The Green

6-1598-78



Receiving pointers on putting from golf pro Ed Trojan at the Flagg Country Club are Dottie Meehan (right), Marge Stoeckel and Marilyn Galli (left). They are among 22 BNL women who are taking lessons and who recently formed a Women's Golf Division. They are not ready to take on any challengers yet, but wait until next year. The fledgling golf league was organized by Audrey Blake and is a BERA activity. — photo by Audrey Blake

### League I

Ravens 11 - Dirty Sox 7

Leroy James and Ed Taylor had home-runs for the Ravens. Reggie Hunt helped to pick the Ravens up with some daring base running.

Old Timers 8 - Titans 6

Blue Jays 15 - AMD 8

Phoubars 7 - Six Pax 6

### Employees League

Balls & Strikes 17 - Who Cares 5

Another great winning game played by all teammates with a terrific pitching performance by Marsha Kipperman.

E-Z Riders 14 - Diamonds 9

Gary Goldstein of the E-Z Riders continued his hitting streak with three home-runs which led to the Diamonds first defeat. A great double play by Doug Gillette closed out the inning and the game. As usual, a super team effort, especially by the girls. For the Diamonds, Jim Griffin hit a homerun and Kathy Griffin went 3 for 3.

Turkeys 15 - TNT 14

General good team effort and the clutch pitching of Captain Gail Thompson in the final inning saved the victory for the Turkeys.

Oh Kays 17 - Thrids 12

A good game with even a surprisingly good catch from Jackie Larrie.

Trouble II - Who's On First (Forfeit)

### League II

Roga 8 - Radicals 4

The well oiled Roga defense held together to secure the win.

NSLS 12 - Charlie Browns 10

"The Source" found the power for eight runs in the 5th for a come-from-behind victory. Homerun for the CB's by Richie Chester. Ken Batchelor 3 for 4 for "the Source."

## Participation Awards

BERA participation award cards are now being redeemed at the BERA Sales Office, Berkner Hall between 9:00 a.m. and 1:00 p.m., Monday through Friday.

Any questions pertaining to the program may be directed to Rae Marie Stelts, Ext. 3347.

## Pool Schedule

The swimming pool will be closed on Monday and Tuesday, July 3 and 4.

Starting on Wednesday, July 5, the following summer schedule will be in effect:

### Monday through Friday

11:00 a.m. - 1:30 p.m. - employees only  
1:30 p.m. - 3:00 p.m. - children's lessons  
3:15 p.m. - 9:30 p.m. - employees/family members/guests  
(except on Fridays from 3:15 to 4:30 for children's pool specials)

### Saturday and Sunday

1:00 p.m. - 6:00 p.m. - employees/family members/guests

One guest per employee may be admitted to the pool. An employee may have more than one, but not more than five guests at any one time, by making advance arrangements at the Recreation Office in Personnel. Employees will be responsible for the conduct of their guests or children, or both.

## Biking For Berries

Twelve BNL'ers turned out at Berkner Hall on last Sunday's perfect June morning for the Strawberry Shortcake tour to Sabat's farm for strawberry picking. One of those who showed up had a perfect excuse for not riding: a broken ankle, complete with cast, and crutches which he carried lashed to the bike. John Kolega, a summer student in Biology did the entire 30 or so miles, including a couple of good hills, using only one leg for motive power.

Following a brief stop at Wildwood Park for lunch, the group rendezvoused at the Lab recreation hall for shortcake. This was prepared by the Monaghans, who deserve thanks for conceiving and leading the ride. The other cyclists were Steve Izen, Mike Lugan, Bob and Kathleen Monaghan, Gerry Morgan, Jenny Orr, Thomas and Paula Petty, Lisa Rasmussen, Eric Williams and Ming Yu.

## Classified Advertisements

### Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position, with consideration given to candidates in the following order of priority: (1) present employees within the department, with preference to those within the immediate work group; (2) present employees within the Laboratory as a whole; and (3) outside applicants.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all nonscientific staff positions; second, to give employees an opportunity to request consideration for themselves through Personnel; and, finally, for general recruiting purposes. Because of the priority preference policy stated above, each listing does not necessarily represent an opportunity for all candidates. As a guide to readers, the listings are grouped according to the anticipated area of recruitment, as indicated below. Except when operational needs require otherwise, positions will remain open for one week following publication date.

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

**LABORATORY RECRUITMENT:** Opportunity for present Laboratory employees.

694. DATA SERVICES ASSISTANT - Previous experience in keypunching is necessary. Good typing ability is required. Department of Nuclear Energy.

695. OFFICE SERVICE ASSISTANT (2 Positions) - Require good general office skills. One position also requires keypunching skills. ISABELLE Project, Accelerator Department.

696. OFFICE SERVICE ASSISTANT - Requires excellent typing skills and good background in accounting or bookkeeping. Accelerator Department.

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

697. DEVELOPMENT ENGINEER - Requires BS/MSME or equivalent. Working knowledge of electrical machinery and some machine shop or industrial experience would be desirable. Accelerator Department.

698. SECRETARY (up to 4 months duration) - Excellent typing skills required to perform diversified duties. Experience in technical typing needed. Department of Energy and Environment.

699. OFFICE SERVICES ASSISTANT (up to 2 months duration) - Requires ability and experience to type technical papers. Department of Energy and Environment.

700. HEAVY EQUIPMENT MECHANIC OPERATOR - Plant Engineering.

701. DEVELOPMENT ENGINEER - BS or equivalent in mechanical or chemical engineering to assist in the design and operation of test facilities and equipment associated with solar assisted heat pumps and cooling system development. Department of Energy and Environment.

702. TECHNICIAN - AAS or equivalent with demonstrated mechanical skills. Knowledge of high and ultra high vacuum systems desirable. National Synchrotron Light Source.

703. TECHNICIAN - AAS or equivalent with experience in chemical cleaning or electroplating. Vacuum experience desirable. National Synchrotron Light Source.

704. TECHNICAL SPECIALIST - AAS or equivalent with experience in testing, assembly, evaluation, fabrication and installation of experimental equipment. Vacuum experience highly desirable. National Synchrotron Light Source.

705. METEOROLOGY ASSOCIATE - BS or equivalent in Meteorology or Mathematics to process and analyze meteorology and air pollution data. Knowledge of computer programming and CDC systems experience. Department of Energy and Environment.

706. TECHNICAL SPECIALIST - AAS or equivalent in electronics with knowledge of accelerator operation, and high vacuum techniques. Mini-computer operation experience desirable. Safety and Environmental Protection.

### Autos & Auto Supplies

71 TRIUMPH SPITFIRE - am/fm cassette, removable hard top, very good cond. \$1100. Chris, Ext. 3826 or 283-5823.

69 FORD FAIRLANE - it runs but needs work. \$100. Ext. 3486 or 473-1727.

69 TRIUMPH - 300 cc bike, excel, needs motor work, \$150; Luxor reel (u crack 300") \$25; Universal heavy-duty tow bar, \$60. 589-4531 after 6.

65 INTERNATIONAL - panel truck, 4 whl drive, 47,000 mi, fully customized. 281-7230.

68 CAMARO - auto, N-50's, western cyclone rims, 4 bbl, appl headers, custom int, runs good, needs paint. Hichborn, 929-4133.

66 CHEVY IMPALA - runs good w/body cancer. \$150. John, Ext. 3675 or 924-3528.

NEW & USED TIRES - rims, repairs, MAG wheel service, reg, radial, Dunlop-Firestone, FREE instal, balance avail. Fred Usack, Ext. 4597 lunchtime or 475-4935 eves.

66 CADILLAC - Fleetwood, excel mech cond, new exhaust system, all power options, am/fm, must sell. \$350. Ben Azzara, Ext. 2050.

71 CAMARO - auto, p/s, pdb, a/c, new tires, economical, great cond, (GLC). \$1275. Murdock, Ext. 4731 or 399-2754.

65 FORD FAIRLANE - 4 dr, 289 V8, w/w, auto, good dependable transportatn. \$200. Ext. 4504.

69 CAMARO - convertible, 4 spd, R.S. new 350 engine. \$700. Ext. 4742 or 744-2688.

77 DODGE - Maxi Van, 7,000 mi, p/s, p/b, auto trans, must sell. \$5,000. 929-8281.

76 HONDA 200 - like new (20 miles). \$750. 331-3358. 65 SKYLARK - 2 dr, bucket seats, auto, good trans. 929-4472.

74 CHEVY VEGA - 4 spd, olive green, new tires, very clean cond, orig owner. \$1050. 587-2625.

65 FORD WAGON - 1971 302 engine, good trans and rear, body good, under carriage rusted bad, good for parts. Nick, Ext. 4810 or 588-6417.

75 HONDA - 400 f, 4 into 1 exhaust, new Dunlop tires, new rings and gaskets, recent tune up, excel cond, extras. \$925. 286-3679 eves.

67 CHEV PICK UP - new battery, good tires, less than 60,000 mi. \$800. Ext. 2043.

WHEELS - 5 chrome plated 15" Rally rims attached to 1964 Buick Wildcat, drive them away. \$100 takes all. Ext. 4095.

65 OPEN ROAD - mini home, excel cond, full eqpt, 283 C30 auto. \$2400. 589-1287.

71 CHEV - 2 dr, hardtop, vinyl roof, a/c, p/b, p/s, new brakes and paint job, excel mech. \$1200. Ext. 3593.

71 YAMAHA - 350 cc, great looking, needs some work. 363-7032.

77 PLYMOUTH - Fury sport, fully eqpt, get 18 mpg w/air. \$5,800. 588-4703.

77VW RABBIT - sunroof, am/fm stereo, snow tires, other extras. Moving, available Aug 1. Mike, Ext. 2584.

71 VW SQUAREBACK - deluxe, auto, excel cond, roof rack, am/fm radio. \$1,500. John, Ext. 4570 or 751-2655.

PINTO MUFFLER - and exhaust pipe, new, never used, fits 72 2000 cc. \$25. Bob Cook, Ext. 4592.

71 VW VAN - excel running cond, body good, radials, am/fm 8 track. \$1,500. Ext. 2976 or 732-2309 after 6.

76 HONDA - 360, blue, excel cond, lug rack, safety bars, 2 helmets, 6,000 mi. \$800. 589-3086.

75 HONDA - 550F full custom. Gary, 744-4028.

76 SUZUKI - 550 cc like new, bars, shield, vinyl bags, 5,000 mi. \$1,100 firm. Howard, Ext. 3260.

73 PINTO SQUIRE - am/fm 8 track, roof rack, rear window de-fogger, very clean in perfect cond. Reasonable. 325-0563.

CHEVY PARTS - transmission, auto, \$30; dual quad tunnel ram, \$50; 2 Cracor alum mags w/tires 8 x 15, \$45; 2 bbl intake manifold, \$10. Jim, 289-1186.

69 TRIUMPH - 300 cu in, needs motor work, \$150; heavy duty tow bar, \$60; Luxor-crack 300, \$25. 589-4531 after 6.

68 STEP VAN - 6 cyl, auto, 10 ft cargo area, good for camper. Frank, Ext. 2311 or 567-5131.

73 AMC HORNET - vinyl top, a/c, am/radio, p/s, recent valve job, good body, good running cond. \$650. 878-4268.

70 MAVERICK - p/s, 21/25 mpg, some rust, new valves, hi miles but runs really well. \$600 or best offer. Dan, Ext. 3145.

68 MGB - new clutch, throwout bearing, alternator, starter, fuel pump, wiring, Craig am/fm tape w/power play speakers. \$850; 1977 Pacer Moped, 500 mi, \$350. Ext. 2534.

TIRES - (4) Firestone deluxe champion, practically new (2 mo old), w/2 rims, H78 x 15. \$150. Ext. 3617 or 246-5949.

72 TOYOTA - Corona Mark II, 4 dr sedan, 4 cyl, auto, new tires, studded snow tires. \$1,200. Vivian, Ext. 3429.

69 PLYMOUTH - Valiant, 6 cyl, auto, running cond. \$200. Ext. 2448.

73 TRIUMPH - motorcycle, 750 cc, 7,000 orig mi, mint cond, completely stock. \$1,300. 924-3236.

73 OPEL - GT, clean in and out. \$1,800. For more info, call 475-5125.

74 CHEVY IMPALA - bl w/vinyl top, 4 dr, am/fm, 68,000 mi, mostly highway, excel cond, auto, trans, snow tires. \$1995. Ext. 3007.

73 DUSTER - 318 V8, 3 spd on floor, p/s, pdb, radio/tape deck, good cond/mileage. \$1225. Tom, Ext. 4671 or 924-6073.

66 PONTIAC - station wagon, Bonneville engine 1970, full power, good gas mileage, very good cond. \$425. Ext. 4253 or 928-4926.

76 BUICK LE SABRE - 2 dr, white w/red top, loaded, 52,000 mi, excel cond, \$3200; 1973 NOVA - 8 cyl, a/c, p/s, p/b, auto, 49,000 mi, \$1800. Ext. 2546 or 744-4047 after 6.

70 OPEL KADETT - auto, new tires, battery and muffler, good cond. \$500. Robbin, Ext. 4019 or 732-5476.

### Boats & Marine Supplies

20' GLASTRON - 150 hp Merc, I.O. new outdrive engine 1975, gas tanks, more, must see, in water. \$2,400. Richie, Ext. 4254 or 734-7342.

BOAT TRAILER TIRE - and rim, size 4.80 12", brand new. \$25. John, Ext. 3848.

85 HP MERC - outboard, controls 10 hrs. \$1,400 firm. C. Horn, EM3-2941.

29' JORGENSON - flying bridge, Bimini mono, galley, C.B., 185 Chrysler, just tuned and painted, in water. 744-2821 or 744-2973.

AQUA CAT - Catamaran, ready to sail. Damian, 744-5079.

69 SEARAY - 21 ft, 210-OMC, I/O, Cuddy, depth finder, summer cover. 589-3914.

22' SAILBOAT - 1975 Seafarer, main, jib, Genoa trailer, many extras, excel sailaway cond. \$5,900. 732-3296 after 5:30.

SEARS - 7 1/2 hp outboard, wt 40#, 1977 model used 30 hrs. \$200. JU8-7260.

MUSHROOM ANCHOR - 75 lb w/chain. Richard E. Ext. 4396 or 325-8158.

BOARDING LADDER - mahogany, 6 step, just refinished, \$40; deck ladder, oak, refinished, \$15. George, Ext. 2486.

10' SAILING DINGHY - fiberglass, beautiful lines, oak gunwhales, mahogany thwarts, excel cond. Sail away. \$500. 744-3225.

### Miscellaneous

YARD SALE - July 1 and 2, 105 Myrtle Ave, Port Jefferson, across street from Infant Jesus Church, rain date, July 8 and 9.

TWO TICKETS - performing Arts Ensemble of the People's Republic of China - July 15. \$21 each. Jim Sanford, Ext. 3321.

ZEUS - Alpha brake set w/drilled levers, excel cond, \$30; Zens pump, presta valve, w/umbrella clip, \$8. Dejan, 286-0854 after 7.

CAMPER - 1 ton Chevy truck, sleeps 8, kit, toilet, TV, CB, 2 gas tanks, gas heater, 39,000 mi. 286-0780 or 283-5850.

TV - 19" portable B&W, RCA w/stand, \$35; Baia reviewer, 8 mm movie editor, \$10; Bell & Howell 8 mm movie camera and case, \$12. 281-8592.

DOLL HOUSE - 1939-41 circa, \$75; oak bed painted white, \$25; OG clock, \$100; maple wall cabinet, \$20. 475-4199.

FREEZER - 16 cu ft, very good, \$150; full bed, good for guest rm, \$75; table and 4 chairs, \$25. 862-9709.

MIXER - Sunbeam mixmaster, 175 watts, excel cond, stainless steel, \$25, being replaced by dough mixer. Ext. 3497 on Tues, Wed, Thurs only.

SEARS - best 1 hp, 2 cyl paint sprayer, compressor, 1 yr old gun never used, excel cond. \$200. Ext. 4597 or 475-4935.

CAMPER POP UP - 68" wheel, sleeps 6, hard top, 2 tables, elec outlets. \$750. Ralph, Ext. 4615 or 744-8921.

FREEZER - 16 cu ft GE frost free, excel cond. \$200. 286-8256 at dinner time.

KITCHEN SET - table and 4 chairs in good cond, table opens to 60" w/leaf. \$60. 475-8187.

PHILCO AIR CONDITIONER - 8700 BTU, 11.4 amps, 16" x 26" x 18", \$95; car radio, new pushbutton, am audiovox, fits most GM cars, \$20; 2 well pumps, \$40 and \$60; sofa bed, foam, sleeps 2 comfortably, \$95. 581-9199.

WINDOWS - (3) double hung, double pane insulated, white baked alum, w/screens 70 3/4" x 48" at \$60 ea; (1) 70 3/4" x 64 1/4" for \$100; Anderson perma narraline picture sash 5'8" x 4'6", new, unpainted, \$140. 924-6582.

STRAWBERRIES - pick your own, Brookhaven Hamlet, next to Elementary School. Jim, 286-0024 or 289-0876.

WESTINGHOUSE ELECTRIC - self cleaning range, 9 yrs old, functions extremely well, needs minor electrical repair. \$20. Tom, Ext. 4671 or 924-6073.

AUDIO COMPONENTS - mic, electro voice model 664, \$40; Tandberg Model 64 4-track open reel tape deck, \$250; (2) JBL speaker enclosures w/HL86 horn lens assembly, \$150. Ext. 3828 or 751-7250.

SURF BOARD - \$10; softball mit, right hand, \$9. Linda, Ext. 3199 or 727-7304.

LUGGAGE CARRIER - alum, for auto roof, completely enclosed. \$25. 924-5192 eves.

ALUMINUM FOLDING TABLE - 3' x 6', new, \$30; 2 upholstered chairs, new slipcovers, \$40 ea; swivel rocker, \$20. 325-1961.

LACROSSE STICKS - (2) one attack, one defense, one ball, excel cond, \$25; Kayak, surf and slalom, new; canvas awning, black custom made, 15 ft. long, used 1 season, awning and hardware, \$30. 286-3679 after 6.

SOFA - 3 pc Fr Prov, fruitwood sectional, green, \$250; 2 end tables and cocktail table. \$150. 589-0208.

CHEST OF DRAWERS - golden beige, excel cond, also 24 x 36 folding aluminum table. 289-3896.

DUAL RECORD CHANGER - like new. Reasonable. Ext. 3688 or 363-7032.

BICYCLE - 10 spd Peugeot, excel cond, w/heavy duty chain lock. \$135. Ext. 2041.

BLDG MATERIALS - 40 cement blocks (10#) \$20 or 60¢ ea; 50 cement reinforcing rods; metal garage door; 13 step wooden staircase, \$35. 271-6933 or 271-0890.

3-WAY REFRIGERATOR - Domestic 36 RM, excel cond, list \$389. Sell \$175. Ext. 2976 or 732-2309 after 6.

MOVING - many household items for sale, incl 25 cu ft freezer, dressers, upholst furn, kit set, ping-pong table, many more. Ext. 2810 or 751-1296.

KITCHEN TABLE - and 4 chairs, chrome w/green seats and backs. \$150; brown leather water bed, \$450. Ext. 2534.

HI-FI, FISHER TUNER - Bogen amplif, Garrard Turnt, AR-1 speaker, old, good cond, 20-20000 H2. \$55. 744-6482.

AIR CONDITIONER - 8000 BTU Westinghouse, \$100; 5000 BTU Hot Point, EER 12, used 1 season, \$100. Ext. 4663 or 724-7891.

METAL CABINET - light brown, 72" h x 36" w x 20 1/2 d. \$20. 331-1203 after 5.

LAWN MOWER - Jacobsen 21" reel w/grass catcher, excel cond, 1 1/2 yrs old. \$180. Bob, Ext. 4411 or 727-2346.

BEDROOM SET - double bed, chest, triple dresser, 2 nite tables, good cond. \$150. 289-0413.

GUITAR - Fender Jaguar. \$125. George, Ext. 2486.

SHOWER STALL BASE - white, new 32" x 48". \$10. 331-2779.

SEARS - (2) 115 volt window air conditioners, \$65 and \$85. Al Campbell, Ext. 3354 or 727-7115.

SEARS - cement mixer w/electric motor. 378-2560 eves.

FARAH LEISURE SUIT - light green, size 14 slim, worn twice, also shirt. 363-6850.

CHARCOAL GRILL - cast aluminum, 20" x 13" cooking area, \$15; assorted colonial style indoor and outdoor light fixtures, make offer. Ext. 4045 or 289-5770 after 6.

SEARS BEST - 2 cyl, 1 hp, paint sprayer, compressor 1 yr old, gun never used, excel cond. Ext. 4597 or 475-4935.

SHOTGUN - 12 gauge Winchester, Model #1400, auto, 30" barrel, ventilated rib, full choke, like new. \$150. H. Richardson, 286-2616.

RECLINER CHAIR - black, swivel base, new cond, \$40; 31 Magro Drive, N. Babylon. 669-4794.

76 HOLIDAY RAMBLER - 18ft. Mini-Motor home, Dodge chassis, less than 15,000 mi, \$10,500 Firm. 929-6078.

BIKES - 10 spd, Sears Deluxe ready to go \$50; 1 Raleigh needs 2 tires & rims, \$20; both for \$60; boys and girls high risers, \$25 ea; air conditioner, old but works well, \$25. Tom, 325-1033.

BEDROOM SET - walnut, (Contemporary - Bassett, like new), triple dresser, mirror, chest and head and foot boards. \$350. 286-8890 after 1.

AIR CONDITIONER - 11,000 BTU, \$75. Joan, 744-3919 after 6. Ext. 2824.

1972 ATCO - self cont. trailer 18 ft. Hot and cold water, heater, TV ant, sleeps 6, mint cond, reasonable. 585-2922.

OLD LIBRARY TABLE - (opens up) \$75; Magnovox B&W floor model TV, on & off switch broken, \$10. 727-1617.

CORTINA - 10 spd bike, tubulars, cotterless crank, \$100; also wheels, campy, Robergel spokes, Nisi rims, w/freewheel. \$60. James, 286-3679.

THEATRE TICKETS - for "Annie," Wed, July 12 matinee; Captain's bed, \$60; 12 cu ft Gibson refrig, \$30. 654-1044.

TAPPAN RANGE - gas, coppertone, \$100. 981-8370.

GERMAN P-08 - (Luger) 9mm 1936 issue, \$475. Firm. Howard, Ext. 3260 or 878-8294 eves.

BABY CARRIAGE - w/mattress, good cond; set dishes, service for 12; Oster electric juice extractor. Sherry, 289-8236.

AIR CONDITIONER - 15,000 BTU, GE, \$250; Lg capacity frigidaire W/D, \$300; 19 cu ft upright freezer, \$350. 289-3261.

SWIM FINS - youth size (m), 2pr, \$3 ea. J. Olson, Ext. 3382 or 289-8629 after 6.

PROCTOR - meal maker-oven, broiler, slow cooker, \$30. Ext. 3327.

FREE - siamese house cat, declawed, needs a good home. George, 928-3169.

CHIMNEY PIPE - 10", triple insulated w/supports for furnace or wood burning stove. \$35. 878-4268.

REGULATION POOL TABLE - cues, balls, etc, \$100. 473-2322 after 5.

HONDA - 350, road and trail, electric start, excel cond, 9,000 original. \$475. 475-3792.

76 HONDA - CB500T, Sissy bar and luggage rack, 3,400 mi, excel cond, bought new 6/77. Gene, 286-3673 or 399-3064.

AIRTEMP AIR COND - 9,000 BTU/HR 115 Volts, excel cond. \$125. 286-0082.

MEC JR. 20 GA RELOADER - powder, 2,628 wad: primers, 50 lb #8 shot, 100+ empty shells, 4 boxes #9 reloads plus extras. \$75. Ext. 2951 or 727-4515 after 5:30.

UNIMAT THREADING ATTACHMENT - 16, 18, 20 tpi, \$12; used brass door hardware, w/and without locks, \$1 to \$2.50; old time 3/4 hr electric motor, single phase 110V, runs good, \$7. Ext. 4058 or 286-0436.

1969 COLEMAN - tent trailer - 360, sleeps 4, very good cond. Jim Hurley, Ext. 4033.

COX CAMPER - pop up, sleeps 6, excel cond, stove, heat, clothes closet, ice box, Vinnie, Ext. 2483 or 473-7906.

FIXTURE - pull down w/ glass \$3; w/glass \$5; 2 plant hangers - \$2/\$3; sm bench grinder. \$20. Ext. 3609.

MAGNOVOX STEREO THEATER - combination 25" B&W TV, am/fm radio, photograph. \$50; amplifier, Univox, 1 channel, 60 watts, cost \$120, sell for \$50. 585-9816.

LAWN MOWER - 21" reel type, self propelled. \$50. 653-5989.

KITCHEN TABLE - black wrought iron w/4 chairs, \$75; room dividers B/W/1/3 poles, 2 sections, \$25. Ext. 4185 or 698-9116.

FREEZER - GE upright, 12 cu ft, 2 yrs old, like new. \$200. 727-7093 after 6.

DINING

**Miscellaneous**

ZOOM LENS - 85-205m Vivitar w/Nikon mount. \$175. Tom, Ext. 2421 or 929-8942.  
 POOL - 15'x32', sand filter, winter kit, vacuum and skimmer, \$300. John, Ext. 2417 or 732-6499 after 6.  
 SEARS FREEZER - 19 cu ft, upright; oil burner, circulator, switch and relay control, air cond, 8,000 BTU. Vinnie, Ext. 2951 or 475-2058.  
 SEWING MACHINE - table model. \$25. Ext. 3027.  
 STANDARD BELL TELEPHONE - desk phone, \$8. Al Campbell, Ext. 3354.  
 LAYING HENS - for sale, \$2.50 ea. 475-4342 or 325-1961.  
 NYLON SLING - rated 38,000 lbs. \$10. George, Ext. 4691.  
 20" MOWER - 3 hp Tecumseh engine. \$20. Ext. 3600 or 289-8182.

**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**

TERRYVILLE - 4 bdrm Cape, partly fin bsmt, HTD insul garage, fenced 1/4 acre treed, storage barn. \$32,000. 473-9139.  
 CORAM - Townhouse, eik, l/r, d/r, 3 bdrm, 1 1/2 baths, clubhouse, tennis, swimming pools, priced to sell immediately. 473-7914.  
 BAYPORT SOUTH - 4 bdrm split level, low taxes, 3/4 acre, w/w, a/c, appl, central vacuum, immac. 472-1407.  
 MASTIC BEACH - 2 bdrm ranch, large den/dining, paneled, wood deck, 120 x 100 corner lot, s/s, full basemt, low taxes, treed, new kit, storage shed. \$27,000. 281-7763.  
 MIDDLE ISLAND - Condominium, 1 bdrm, l/r, d/r, full bath, w/w carpeting, 5 appl, a/c, clubhouse, pool, tennis, shop center. \$20,000. Take over existing mortgage \$1,000 cash. 924-8870 after 6.  
 SHOREHAM - close to Lab, attractive 3 bdrm contemporary ranch, wooded 1/2 acre, carpet, a/c, appl and more, plus low taxes. \$33,750. 744-6772.  
 ROCKY POINT - 3 bdrm, cedar ranch, full bsmt, oil heater, storm window, metal fence. \$32,000. 798-4063 after 6.  
 MASTIC BEACH - 4 yr old house, 6 rms, full bsmt, fenced, 80 x 125. 281-5498.  
 MIDDLE ISLAND - 9 rms, 4 bdrms, pool, low 30's. 924-7044.  
 RIVERHEAD - mobile home, 12' x 60', nice location, 1 1/2 baths, 2 bdrms, eik, shed and awning, many extras. Harry, Ext. 4722 or 727-1827 after 6.  
 MIDDLE ISLAND - 4 bdrm expanded Cape Cod, 24' l/r, d/r, screened patio, fin bsmt, w/bar, 2 car garage, wooded area. \$39,000 will hold mortgage. Ext. 3635 or 734-5343.  
 BROOKHAVEN - 3 bdrm, custom ranch, new 20 x 20 barn on 1 1/2 acres, very desirable area, lux landscaping, extras too numerous to list. 286-0246.

MASTIC BEACH - 4 yr old house, 6 rms, full bsmt, fenced 80x125. 281-5498.  
 ROCKY POINT - The Tides, 70' ranch on a beautiful treed 1/2 acre, 3 bdrm, etc, oak floors, fp, full bsmt, patio, priv beach, golf, fully furn or not. \$45,000. Ext. 4605 or 744-6482.  
 TERRYVILLE - 4 bdrm, Colonial split, 1 1/2 baths, 1/2 bsmt, 1 car garage, appl, a/c. \$34,990. 928-4677 after 6.  
 SHOREHAM - 4 bdrm Colonial, 2 1/2 baths, laundry rm, eik and formal d/r, 2 car garage, 1 acre fenced in, many extras. \$56,500. 744-2821.  
 MIDDLE ISLAND - 2 bdrm Townhouse expandable to 4 bdrms, 2 baths, central a/c, 5 appl, fenced patio, fp, cathedral ceiling w/skylights, tennis/swimming on site. \$32,990 neg. 924-4237.  
 E PATCHOGUE - 3 yr old wide ranch, custom built, 9 rms, 2 1/2 baths, oversized room, all appl, treed and landscaped, possible M/D or professional (2 entrances). Must be seen. 289-0443.  
 MIDDLE ISLAND - Mother/Daughter, 6 rm ranch w/newly fin bsmt, 1-2 bdrm apt, completely carpeted throughout, cyclone fence around 1/4 treed acre, quiet dead-end street, mint cond, hold mortgage. \$38,000. Ext. 2413.  
 MEDFORD - 4 yr old ranch, 5 1/2 rms, 1 1/2 garage, fenced yard, all appl, w/w carpeting, patio. Must see. \$34,990. 289-7388.  
 ROCKY POINT - The Tides, 70' ranch on a beautiful treed 1/2 acre, 3 bdrm, oak floors, fp, full bsmt, patio, priv beach, golf, fully furn or not. \$45,000. Ext. 4605 or 744-6482.  
 HEAD-OF-THE-HARBOR - 1 mi from beach, horse variance, custom farm ranch, 6 bdrms, 5 baths, 3 fp's fin lower level in nightclub decor, 2.48 secluded heavily wooded acres, all appl. Must sell this summer. Price negotiable. 584-6058 or 981-1327.  
 BROOKHAVEN - s/o So. Country Rd, custom built, 4 bdrm, 2 bath, den, eik, l/r, d/r, center hall, 2 car garage, central a/c. 286-0919.  
 NO PATCHOGUE - 3 bdrm hi ranch. \$37,000. Ext. 4442 or 289-3399 after 6.  
 BELLPORT VILLAGE - 1/2 acre, 3 bdrms, 2 baths, 2 car garage, screened porch, attached greenhouse, many extras. \$47,500. 286-2724.  
**For Rent**  
 MILLER PLACE - 3 bdrm house fully furn, avail Aug 1. 928-0821 after 5.  
 HOLTSVILLE - for sale or rent. Condominium, ranch, 2 bdrm, l/r, d/r, 5 appl, extra insulation, convenient to Expressway. \$26,990 low cash, rent \$325 includes use of pool. JU1-5865 or 473-9379.  
 WADING RIVER - 2-3 bdrm house to sublet Aug 15 - May 15, furn/unfurn, beach rights. \$275 mo. Jim, Ext. 3798 or 929-8462.  
 VERMONT - furn Chalet, fp, Mt. Lake/Pond swimming, canoeing, fishing, woodland trails, nearby tennis, golf, riding, music festivals, summer stock, antiques. Rent wkly and monthly. 757-5599 after 4.  
 POCONO'S - Chalet w/sundeck, tennis, swimming close by other rec in area. 289-2159.

MASTIC BEACH - home located in quiet neighborhood, 3 bdrm, l/r, d/r, large kit, fam rm w/enclosed patio, 2 car garage, landscaped grounds, appl including d/w & compactor, w/d. Betty, Ext. 3670 or 281-8343.  
 SHOREHAM VILLAGE - Month of Aug, unusual 3 bdrm, lg rolling landscaped yard, w/big trees 1 house from priv beach and tennis court, walk to deli, \$600/mo includes util and lawn mowing. Bob Palmer, Ext. 3780 or 744-2836 or 744-3000.

**Wanted**

CLARINET - reasonable. Dave, Ext. 2957 or 3533.  
 FLUTE - for student, reasonable. Ext. 3828 or 751-7250.  
 ROUND SOLID OAK TABLE - approx 48" diam, pedestal bottom, claw feet. Pat, Ext. 4519.  
 ALTO SAXOPHONE - reasonable, in good cond. R. Hildenbrand, Ext. 3273.  
 HOT DOG WAGON - good cond, also used lawn sweeper. Barbara, Ext. 3319.  
 ADOPT - female black & white pup, about 6 wks. Medina, Ext. 3284.  
 METAL DETECTOR - to borrow to search for lost wedding ring, please phone Dave, Ext. 3403.  
 MEDIUM SIZED REFRIG - frost free preferred, no more than \$90. Karl, Ext. 4068.  
 CHAIRS - (2) straight back wooden and (1) wooden rocking chair. Ext. 2959.  
 PERSON - to share house near Lab. 981-1643 after 6. Ext. 3992.  
 APARTMENT - 2 bdrm, util incl in rent, close to Lab. Karl, Ext. 4068.  
 ALCOHOL STOVE - for boat, reasonable. Jack, Ext. 3354.  
 WOMAN - mature, responsible, experienced, w/ references and own transportation, to babysit 4 month boy, beginning approx Sept 1, Shoreham. 821-0890.  
 ROTARY LAWN MOWER - w/bag attachment, good cond, reasonable. A. Daly, Ext. 2902.  
 CANNER - water bath or pressure, large size, for beginner, reasonable. A. Daly, Ext. 2902.  
 HOME - for male collie-shepherd mix, 3 months, shots, wormed, excel w/children. 727-9152.  
 RECORDS - Rudolph Valentino and Ramon Navarro. 929-4701.  
 SNOW BLOWER - at least 5 hp, good cond. Ext. 4451.  
 RADIO - Engineer's handbook by Frederick Terman, McGraw-Hill, any cond. Ralph, Ext. 2591.  
 UTILITY TRAILER - preferably to rent for a few days or a week. Chuck, Ext. 4331 or 473-6515.  
 LADDER - at least 25 foot working length. Ext. 2252.  
 CEMENT BLOCKS - 40 ea, used is fine. Liz, Ext. 2028.  
 ROOMMATE(S) - to find and share 2-3 bdrm house or apt within 1/2 hr driving distance to SUNY at Stonybrook. Barbara, 744-5130 between 7 and 10 p.m.  
 HOME - for 5 mo old German Sheppard puppy. Rowley, Ext. 4352 or 286-0975.  
 BOY'S BIKE - small with 16" tires. 345-3134.  
 POLAROID SQUARE SHOOTER - or similar type camera for sale or rent. Jim, Ext. 2485.

AIR COMPRESSOR - 2 hp single or double stage, single phase. Reasonably priced. Scott, Ext. 4334 or 878-1777.  
 PULSE GENERATORS - radiation Lab series, Vol. 6, any cond. Ralph, Ext. 2591.  
 APARTMENT - to rent in the areas of Smithtown, Hauppauge, Kings Park. Can pay up to \$170/mo. Al, 588-4703.  
 SECRETARIES - Have you typists we can borrow for BNL Project. Will return 4-6 weeks. Desperate. Maria or Laine, Ext. 3414.

**Car Pools**

RIVERHEAD - 1 or 2 drivers wanted to complete existing car pool from Riverhead. Pat, Ext. 4519.  
 COMMACK - want to join or form a car pool. Louis, Ext. 4046.

**Services**

DOG GROOMING - \$9 for bath and haircut; when was the last time you paid only \$9? Maria, 924-3756.  
 TYPING - lite, sewing and babysitting, Medford area. 475-0144 after 6.  
 CAKES FOR ALL OCCASIONS - "You make the occasion, I'll make the cake." Cake decorating classes starting in Sept. Lee, 286-1716.  
 POOL INSTALLATION - RR tie walls, grading and leveling, etc. Reasonable. Free estimates. 363-2497.  
 WOMAN AVAILABLE - for house cleaning, Eastern Long Island. Reasonable. 288-6367.  
 BABYSITTER - teenage girl will babysit, or Mother's helper in Brookhaven, Bellport, E. Patchogue area, references. 286-9619.  
 TREE SERVICE - removal, trimming, pruning, chain saw works; yards, cellars, garages cleaned; estimates. 727-1617.  
 PANELING - roofing, cement work, etc, at good rates, A-1 work. Al, 588-4703.  
 HOUSECLEANING - Brookhaven Township. Paula, 473-4982 evens.  
 PAINTING - interior/exterior, free estimates, reasonable rates. 283-6255 or 727-6539 after 6.  
 DRYWELLS INSTALLED - cesspool lines repaired, reasonable. Mike, 289-5704 after 5:30.  
 ACCIDENT? CAR DENTED? NEED A PAINT JOB? - Don't be drowned in a sea of estimates and other hassles. Ext. 2546 or 744-4047.  
 BABYSITTING - for on site, Manorville, North Shirley, \$1.00 per hr. Missy, 878-1847.  
 ASPHALT PAVING - and sealing. Bob, 475-4382.  
 BABYSITTING - weekdays only. Anne, 821-1490.  
 ROTOTILLING - new lawns \$12 per 1,000 sq ft; gardens and flower beds, \$14 per 1,000 sq ft. Tom, 325-1033.  
 CERTIFIED NURSE'S AID - private duty nursing, Sound Beach, Miller Place, Rocky Point areas. 744-3968.  
 WOODEN SHIPS DIVERS - recovery and discovery, anything that happens in water, we do. Sunken boats raised, hull scraping, props, zinc. 744-3968.  
 CALIFORNIA HOTTUBS - and support systems. Ron, 289-1003.  
 DRESSMAKER - custom made gowns, dresses, suits, alterations. Catherine, 588-5476.

**Classified Ad Policy**

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

1. The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
2. All items for sale or rent must be the advertiser's property.
3. Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
4. Firearms offered for sale or trade may not be brought on site.
5. Ads not carried because of space restrictions will be held for publication in the next issue.
6. Ads are run only once and must be resubmitted if they are to be repeated.
7. Ads should be restricted to 20 words or less and typed or printed on the form provided, and must bear the employees signature.

<input type="checkbox"/> For Sale: Auto & Auto Supplies	<input type="checkbox"/> Wanted	Check <input type="checkbox"/> the heading applying to your ad. Print or type your ad in 20 words or less.
<input type="checkbox"/> For Sale: Boats & Marine Supplies	<input type="checkbox"/> Carpools	
<input type="checkbox"/> For Sale: Miscellaneous	<input type="checkbox"/> Lost & Found	
	<input type="checkbox"/> Services	

Ads concerning 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.

(Name & Phone No. To Call)

Employee's Signature \_\_\_\_\_ Life No. \_\_\_\_\_ Ext. \_\_\_\_\_  
 Send to: Brookhaven Bulletin, Building 460, 40 Brookhaven Avenue (Ext. 2345).

**HAPPY  
 JULY  
 4TH**

BUNK BEDS - with or w/o mattress. Reasonable price. Ext. 4798 or 928-6965.  
 LIGHTWEIGHT LAWNMOWER - mechanically incompetent person needs lawnmower preferably w/ bag for hilly terrain. Honest but poor. Alyce, Ext. 2902.  
 APARTMENT - to rent, single, furn, as soon as possible. Can pay \$160/mo. 588-4703.  
 RIDE WANTED - Rochester, NY area July 4 or when you're going. Can help w/expenses. Dave, Ext. 3932.  
 BABYSITTER - for the period 7/24 thru 8/11 (on-site) for 2 boys, ages 6 & 7, from 8:00 to 5:00 p.m. Ext. 3427.  
 BICYCLES - (2) for boy and girl ages 9 and 11. Roger, Ext. 3785.  
 GAS HOT WATER HEATER - in good order. Ext. 4661.  
 SPARE TIRE - for 1969 Ford Fairlane, 14". Reasonable. D. Kirson, Ext. 4259 or 736-2534.  
 HOUSE OR APT - 1 or 2 bdrm, furn or unfurn, close to BNL. Mano Kaviani, Ext. 4660 before 4:30.