BROOKHAVEN BULLETIN
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BROOKHAVEN NATIONAL LABORATORY

Pegram Lecture Series

Former Science Advisor D. Allan Bromley to Speak On 'Science and Technology: Advice and Policy'

Serving under President George Bush as the first White House science advisor with Cabinet-level rank, D. Allan Bromley increased both the staff and budget of the White House Office of Science and Technology Policy by more than fivefold between 1989-93.

But the nation's political and economic climate has changed since then, and so has the outlook for science. Bromley, who is now Sterling Professor of the Sciences and Dean of Engineering at Yale University, is concerned about the future of science and technology in the U.S. — and indeed about the future of the country.

Bromley will address these concerns, as well as offer an insider's view on scientific policy-making at the highest level, in the next George B. Pegram Lecture Series, composed of three talks collectively titled "Science and Technology: Advice and Policy," to be held on consecutive evenings in Berkner Hall at 8 p.m. as follows:

• **"A Connecticut Physicist in the White House," Tuesday, May 30** — Bromley's appointment as Assistant to the President for Science and Technology made him a member of the President's inner circle of advisors. This privileged position gave him a unique opportunity to observe and participate in decision-making at the highest level. In this first lecture of the series, Bromley will discuss some aspects of this experience pertinent to science and technology — as well as the sociology of The White House.

• **"The Support of American Science and Technology," Wednesday, May 31** — The fact that the U.S. science and technology enterprise remains the strongest in history reflects the generous investments made by both the federal government and private industry over the decades after World War II. Offering an insider's point of view, Bromley will discuss the mechanisms and unique features of this support system.

• **"The Future of American Science and Technology," Thursday, June 1** — After a remarkable half-century of repeated successes, American scientists and engineers are in the grip of a siege mentality — worried about support for their research, about adequate career challenges for their students and young associates, and about the future of the U.S. Bromley sees significant reasons for these concerns, and he will discuss them within the framework of the actions of the Bush and Clinton administrations and the 104th Congress.

A native of Canada, Bromley earned his B.Sc. in engineering in 1948 and his M.Sc. in physics in 1950 from the Queen's University of Kingston, Ontario, Canada. In 1952, he received his Ph.D. in physics from the University of Rochester in New York.

From 1952-54, Bromley taught at the University of Rochester, and, from 1955 to 1960, he did research at Atomic Energy of Canada, Ltd. in Chalk River, Ontario. Then, in 1960, he started his distinguished career at Yale as an associate professor in the Physics Department, rising to his current position in 1994.

D. Allan Bromley

At Yale, Bromley was founder and director of the A.W. Wright Nuclear Structure Laboratory, 1963-89. From 1972-93, he held the Henry Ford II Professorship in Physics, and, he served as Chairman of the Physics Department, 1970-77.

Bromley has published more than 475 papers in science and technology, and he has edited or authored 19 books. He has received numerous honors and awards, including the National Medal of Science, the highest U.S. scientific award, in 1988.

As Assistant to the President for

(continued on page 3)

Physicist Horst Foelsche Dies, Leaves Imprint on AGS, RHIC

Horst W. J. Foelsche, whose 30-year career at BNL was continually highlighted by major contributions to the Lab's accelerator programs, died on May 21, 1995, at his Bellport home, from complications of lung cancer. He was 57 years old.

Born in Darmstadt, Germany, Foelsche immigrated to the U.S. with his family in 1958. He graduated from the University of New Mexico in 1959 with a bachelor of science degree in physics, then went on to receive his Ph.D. in physics from Yale University in 1963.

Foelsche first came to BNL as a Yale graduate student in 1960, doing his research experiment on the pioneering 3 billion-electron-volt (GeV) Cosmotron. After receiving his doctorate, he held guest appointments in the Physics Department as a research associate from Yale.

On May 1, 1965, Foelsche joined the Lab's permanent staff as an assistant physicist in the Accelerator Department, where he continued his physics research at the 30-GeV Alternating Gradient Synchrotron (AGS) while helping others to design and use its particle beams.

Horst Foelsche

The early 1960s at the AGS saw rapid development of specialized particle beams that were purified by the use of "beam separators," on which Foelsche worked. His devices, which delivered efficient yields of desired particle types by applying high-frequency electromagnetic fields, were used by many for research with the 80-inch bubble chamber at the AGS.

In the Accelerator Department, Foelsche was named an associate physicist in 1967, became a physicist in 1969 and was granted tenure in 1972. In 1974, he was appointed Head of the Experimental Planning and Support Division. Foelsche led the Injection and Extraction Systems Division for the Colliding Beam Accelerator (CBA) Project from 1977 to the project's cancellation in 1982, when he became Head of the AGS Division in the Accelerator Department.

Foelsche was named Senior Physicist in 1983, the same year he took on the additional role of Project Manager for the Heavy Ion Transfer Line Project. In this effort, successfully concluded in three years, he was responsible for the design and construction of the transfer line to send heavy-ion beams from the Tandem Van de Graaff to the AGS, where they would be used for experiments, and, eventually, injected into the Relativistic Heavy Ion Collider (RHIC), which was then in the proposal stages. Key to AGS-RHIC injection, as well as to increasing AGS proton intensity, was the Booster Project, to which Foelsche also made major contributions.

In 1986, he became Deputy Chairman of the AGS Department, which had evolved from the Accelerator Department. In that role, he was instrumental in developing the concept of using the AGS Linac as an enhanced source of protons for medical uses, such as isotope production and cancer therapy.

AGS Department Chairman Derek Lowenstein recalls Horst Foelsche "as

(continued on page 2)

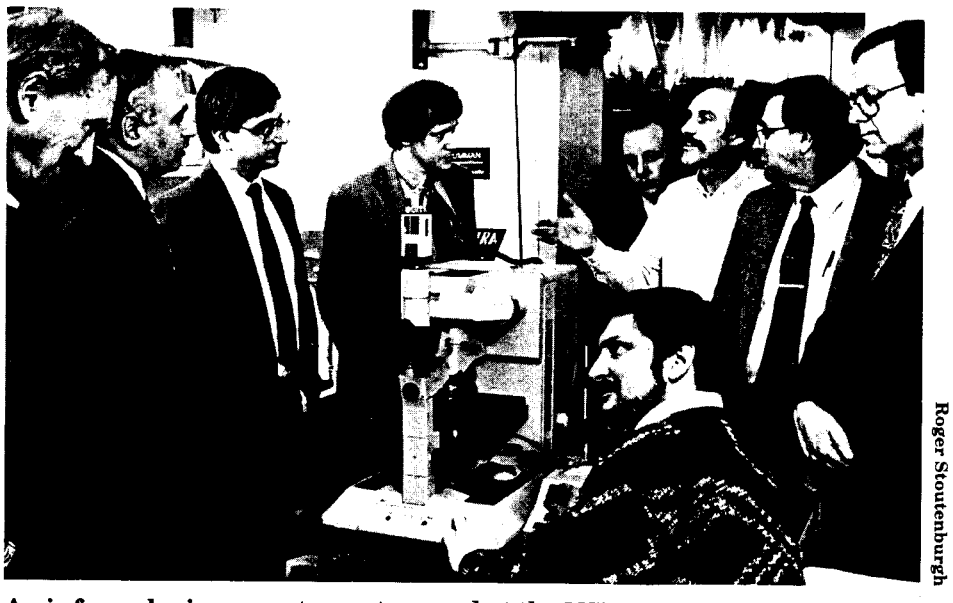
Visit Gives Forensic Experts Clues to BNL Science

The O.J. Simpson trial in Los Angeles isn't the only place where high-tech forensic science is the focus: Suffolk County's Crime Laboratory also uses such methods to look at evidence on the microscopic level.

Since the search for more precise forensic methods never ends, a group from the Suffolk Crime Lab came to BNL on March 30, to meet with Brookhaven scientists and see Lab instruments and facilities that could be useful in solving crimes.

The group's tour took them to the Departments of Advanced Technology and Applied Science, and the Biology and Chemistry Departments, to learn about sophisticated methods for detecting trace substances.

At the National Synchrotron Light Source (NSLS), the forensic specialists inspected an infrared microspectrometer owned by Northrop Grumman's Advanced Technology and Development Center (ATDC). When used at NSLS beam line U4IR, it can take advantage of light that is hundreds of times brighter than that given off by its usual source. As a result, it could be used to examine much smaller forensic samples than can currently be considered — for instance, tiny paint chips a few microns in diameter.



Roger Stoutenburgh

An infrared microspectrometer used at the NSLS was one stop on a BNL tour for: (standing, from left) Garman Harbottle, Chemistry Department, who organized the tour; Crime Lab Chief Vincent Crispino; Edward Briglia, Chief of the county's Toxicology Laboratory; John Ballantyne, Supervisor, Crime Lab's Biological Sciences Section; forensic scientist Philip Antoci; Gwyn Williams, NSLS Department; Daniel Burhans, Supervisor, Crime Lab's Trace Evidence Section; Stuart Dawson, Deputy Chief Medical Examiner; and (center) Lawrence Carr, Northrop Grumman Advanced Technology and Development Center.

Get Ready . . . Get Set . . . CARPOOL!

Carpooling at BNL just got easier, more convenient and more fun, with the recent debut of the Employee Commute Options (ECO) program and the opening of the Commuter Assistance and Information Service (CAIS) in Bldg. 129T.

Earlier this week, most BNLers received a memo from the Director's Office detailing the ECO program's features. For car poolers and van poolers alike, these include a computerized, geography-based, ride-matching service, free defensive-driving classes and guaranteed rides home in case of emergency or overtime. Van pools will also get help from Associated Universities, Inc., with the initial purchases of their vehicles.

Attached to the memo was a registration form employees may use to join the program and become a member of a group of BNLers who also want to help the environment, meet new friends and save money by riding together one, two or more times each week in cars or vans.

"Everyone who returns the form will get a list of potential ride-sharing candidates, a map of their locations and a booklet describing the services of the BNL car-pooling program," said Employee Transportation Coordinator Jeff Williams, Safety & Environmental Protection (SEP) Division.

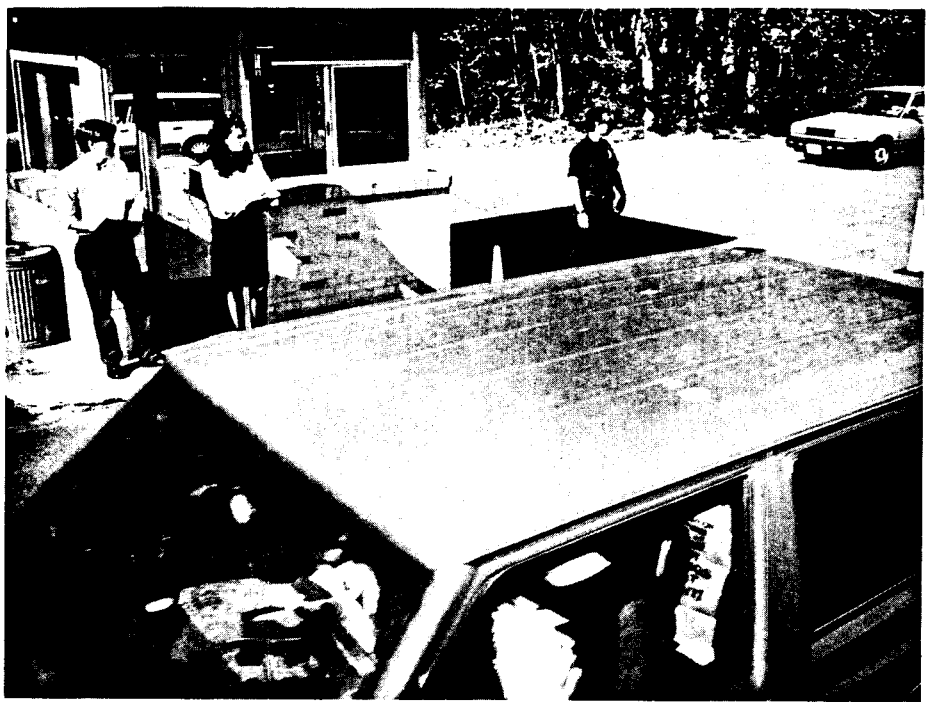
And, he continued, program participants will receive mugs or T-shirts with the new ECO logo, to help spread the word about the program. Gift-certificate lotteries open only to ride-sharing participants are planned for the future.

Helping Williams in the CAIS is Jenellen Skuggevik, an environmental science graduate student studying part time at the State University of New York at Stony Brook. Skuggevik is available to answer questions about the car-pool and van-pool programs, and other upcoming components of the ECO program.

To match BNLers to car and van pools, she'll use a specially developed, geo-coding software program to give prospective car poolers the names of possible ride sharers within a three-mile radius of their homes.

Commuting for Clean Air

BNL's ECO program was begun to help the Lab respond to regulation — specifically, the federal Clean Air Act, which directs large employers to make efforts to reduce the number of employee vehicles on the road during peak travel periods. During the morning rush hour, for example, air pollutant emissions increase as the number of vehicles on the road peaks. Fewer cars means less pollution — and fewer cars can be achieved by ride sharing.



At the main gate, Employee Transportation Coordinator Jeff Williams (left) and Jenellen Skuggevik, who staffs the new Commuter Assistance and Information Service, survey ride-sharing practices among BNLers.

SEP Head Bob Casey commented on the "solid job" that Williams and other BNLers have done in developing practical programs that meet the requirements of the Clean Air Act. "I'm glad to see the culmination of these efforts starting to take form," he said.

While changes to some provisions of the Clean Air Act have been discussed recently by Congress, Casey said, plans for the ECO program and implementation of alternate commuting strategies are still legally required.

"I hope that everyone won't lose sight of the fact that our regional air quality doesn't meet Environmental Protection Agency standards at certain times of the year," he continued. "Car pooling and other simple approaches to reduce the number of cars on the road at peak times could be a very helpful approach to solving our regional problems."

Williams explained that, over the years, there has been a steady decline in BNL's average vehicle occupancy rates, or number of employees per vehicle, as more and more people have opted to drive alone.

Two studies of BNL traffic conditions found that the average vehicle occupancy rate between 8 and 9 a.m. dropped from 1.4 employees per vehicle in 1965 to 1.1 in 1989. Today, that rate stands at 1.06.

Said Williams, "To achieve the goals set by the Clean Air Act, we must rely more on each other and less on our own personal cars for our daily commutes."

So, BNL is proceeding with its plans to reduce the number of single-occupancy vehicles entering the Lab between 6 and 10 a.m., with a goal of 820 per day.

EMPLOYEE COMMUTE OPTIONS

In addition to ride sharing, Williams concluded, other programs are in the works or being tested on site.

For more information about the ECO program or the CAIS, call Skuggevik, Ext. 2446, or drop by the program's office in Bldg. 129T.

— Kara Villamil

Coming Up

Next week, on Tuesday, May 30, the Lab will hold a ceremony at 11 a.m. to mark the start of construction of the new Waste Management Facility, which will handle BNL's chemical and low-level radioactive waste. The Plant Engineering Division is overseeing the facility's design and construction, and the Safety & Environmental Protection Division will operate it.

The Waste Management Facility will be located on East Fifth Avenue, across from Bldg. 933. The ceremony, however, will take place at the east end of Rutherford Drive, on the north side of the street.

Employees who have supervisory approval may attend the ceremony. Please carpool to the site, as parking in the area is limited.

In Memoriam

Michael Hope, a Senior Technical Specialist in the Alternating Gradient Synchrotron (AGS) Department, died on May 17. He was 62.

Michael Hope

Hope arrived at BNL's then Health Physics Department on February 2, 1976, moving to the Department of Nuclear Energy in 1980. In 1983, he joined the AGS Beam Components Support Group, which worked on the polarized proton project.

Over the years, he assembled and maintained the fast quadrupole modulators, the 2-GeV separators, the new AGS quadrupole magnets, flag drives and extraction magnets.

Most recently, Hope was responsible for the mechanical assembly of the new fast-extraction magnet — successfully commissioned this spring — that will eventually send beam to the muon g-2 experiment and the Relativistic Heavy Ion Collider.

Engineers who worked with Hope, such as Joseph Tuozzolo, found that he "brought a remarkable attention to detail to all his projects and could always be counted on for original solutions to difficult problems."

Hope's personal qualities will be also be greatly missed, commented his supervisor, Everett Harris, whose group joined in saying, "Mike's sense of humor had a positive effect on everyone around him. He had an unending supply of anecdotes for just about every situation. He seemed to know everyone on site. Mike seldom passed anyone in the building without greeting them or joking with them."

Surviving Hope are his wife Jeanne, son James, daughter Christina and son-in-law James Ainoris, who works in BNL's Plant Engineering Division, and three grandchildren.

The family will receive visitors on Sunday, May 28, at the Alexander Tuthill Funeral Home, Route 25A, Wading River, from 1 to 4 p.m. A memorial talk will be given at 1:30 p.m.

Horst Foelsche (cont'd)

a friend, colleague, scholar and gentleman who will be greatly missed. His technical accomplishments permeate the fabric of the accelerator complex. It is unfortunate that he was not able to enjoy the rewards of the AGS performance and the soon-to-be-completed RHIC."

In 1990, Foelsche became the Assistant Head of the RHIC Project, also overseeing RHIC's Injection and Beam Dump System Division — resuming the design of the beam-transfer line from where it had been left when CBA was canceled.

"Under his leadership, the construction of the system flourished and nears completion — always on track, on schedule and within budget," said RHIC Project Head Satoshi Ozaki. "Horst succeeded in establishing a link between AGS and RHIC for beam transfer, but more importantly, he established the beginnings of close working links between AGS and RHIC personnel."

Named Head of the Magnet Division in 1993, Foelsche was appointed Associate RHIC Project Head in 1994.

Said Ozaki, "As Magnet Division Head, Horst accepted this formidable challenge and succeeded in the very difficult task of turning the R&D effort into a highly effective, production-oriented organization. This courageous effort guided the project through the most critical moment in its history to date.

"Horst was a compassionate listener," Ozaki continued, "but his intensity always won others' admiration in the end. He was the best morale builder I have ever known. Horst's efforts are to be seen everywhere in the project, in the injection line, the superconducting magnets and the tunnel. Most important of all, however, he lives in the memory of so many who worked with, loved and admired him."

Concurrent with his other duties, Foelsche participated in numerous project reviews within and outside the Lab. He served as local chairman of the Organizing Committee for the 1987 International Committee for Future Accelerators for their meeting at BNL. He also advised the U.S. Department of Energy on new projects at Fermi National Accelerator Laboratory, the Superconducting Super Collider Laboratory, the Continuous Electron Beam Accelerator Facility and the Stanford Linear Accelerator Center.

Within the Lab, Foelsche was a several term member of the Brookhaven Council, serving as chairman in 1993. He was a member of the Lab's Quality Assurance Steering Committee in 1984, and he was part of the Committee on Innovative Pay Practices, which was instrumental in establishing the Lab's Employee Awards Program in 1991.

A 27-year resident of Bellport, Horst Foelsche is survived by his wife of 34 years, Agnes; sons Gerhard Andrew, of Boston, and Robert Oliver, a graduate student at the University of Illinois; his mother, Dr. Ruth Foelsche of Yorktown, Virginia; two sisters; a brother; and a newborn grandson. His sister-in-law Doris Rueger works in the Physics Department.

A private burial open only to family members will be held at Woodland Cemetery in Bellport on Saturday, May 27. A memorial service open to friends and associates of Horst Foelsche will be held at 2 p.m. on Saturday at the Bellport Methodist Church, 185 South Country Road, Bellport.

Arrivals & Departures

Arrivals

Marzia Rosati ..... Physics

Departures

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

Nithayanathan Chetty ..... Physics
Robert Dyer ..... Sup. & Mat'l.
Robert C. Onco ..... Plant Eng.
Bruce Yanofsky ..... AGS

Tennis Anyone?

Two tennis-court reservation systems will be in effect weekdays from May 31 through September 29, 11:30 a.m. to 2 p.m., and 4:30 to 7 p.m. The rules for court use are posted courtside and in the BERA Sales Office, Berkner Hall.

Under the advance reservation **system A**, three of the courts may be reserved for weekday play the day before play. If two players are not on court within 10 minutes of the reserved time, the court reservation is forfeited. For this system, lunchtime play is limited to one hour for both singles and doubles.

For system A, reservations must be made on sign-up sheets, kept at the BERA Sales Office, from noon to 1:30 p.m. on the day before play; Monday play must be reserved on the Friday before. The person who signs up must be one of the intended players.

Each morning, reservation sheets for system A will be posted courtside, where players may reserve any open court.

The on-court scheduling **system B** offers the three remaining courts to players who sign the blackboard at courtside at the time of play, first come, first-served. Under this system, lunchtime play is limited to 1.5 hours for both singles and doubles.

System A can be used only by Group 1 of the priority players listed below.

System B may be used only by groups 1 and 2. Groups 3 and 4 may play during non-reservation times only:

Group 1 - Lab employees, including those with visiting and guest appointments, and BNL retirees.

Group 2 - Lab employees playing with family members or personal guests.

Group 3 - Immediate family members of Lab employees.

Group 4 - Personal guests of Lab employees.

For more information call the BERA Sales Office, Ext. 3347, or Ken Perkins, Ext. 2147.

Service Awards

The following employees celebrated BNL service anniversaries in April:

30 Years

Frederick J. Altrui.....Cont.& Proc.
Bonnie W. Hulse.....Chemistry

25 Years

Kenneth P. Wokosky.....AGS

20 Years

Thomas Hanlon.....Cent. Shops
Dorothy E. Ivero.....App. Science
Joel P. Scott.....Reactor
E. Gail Williams.....Personnel

10 Years

Juan R. Aguilar.....Plant Eng.
Kelly Bornhoft.....Staff Serv.
Lynanne Di Filippo.....RHIC
Joseph L. Gallitelli.....Saf. & Env. Prot.
Frances Hille.....Budget
Tasneem A. Khan.....Adv. Tech.
Vera Meier.....Reactor
Eileen A. Morello.....App. Science
Daniel J. Oldham.....RHIC
Regis Saitta.....Sup. & Mat'l.
Anthony H. Shane.....Sup. & Mat'l.
Thomas N. Tallerico.....AGS
Willem K. Van Asselt.....AGS
Edward J. Whittle.....Biology

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Badminton Champs

As summer approaches and backyard activities beckon, badminton is high on the list. But, at BNL, badminton is a winter sport, with the season extending from September through April. For the BNL Badminton Club's recently concluded 1994-95 season, Yi Zhao (left) was champion of both singles and doubles play. Zhao also teamed up with Ruimei Ma (right) to place first in mixed doubles, B Division, at the inaugural Stony Brook Open, a U.S. Badminton Association-sanctioned doubles tournament held at the State University of New York at Stony Brook in March.

Over 35 members participated this year in the club's singles ladder and running doubles tournament. Runners-up in the singles ladder were James Safranek and Jay Adams, and, for doubles, Adams and Y.Y. Chu. While ladder play is suspended until September 18, court reservations are still in effect at the gym for a one-week advance sign-up. For more information, call Jay Adams, Ext. 4994, or Bill Love, Ext. 3996.

Racquetball Winners

Holding the trophies they received for their accomplishments during the most recent season of the BERA Racquetball League are: (clockwise from front left) Lois Marascia, Joe Pasciak, Gloria DeBoer, Rich De Rocher, Annette Meier and Frank Karl. Not shown are Diana Votruba and Jesse Schmalze. Members of the Racquetball League play throughout the fall and winter at Unique Racquetball in Farmingville. Anyone interested in joining the league may call Bob Marascia, Ext. 4672.

Photos on this page by Roger Stoutenburgh.

Cafeteria Menu

Monday, May 29 — Memorial Day	
Snack bar service only	
Tuesday, May 30	
Soup: Steak & vegetable	.90/1.20
A la Carte: Turkey Parmesan	3.65
Lite: Stir-fry curried shrimp & rice	3.95
Deli: Brisket of beef w/slaw	3.20
Grill: Turkey steak w/raisin sauce	3.30
Wednesday, May 31	
Soup: Tomato	.90/1.20
Display Cooking: Fresh sautéed pasta	4.75
Deli: Calypso rum-lime pork roast	3.20
Grill: French dip	3.30
Thursday, June 1	
Soup: Cream of corn w/thyme	.90/1.20
A la Carte: Shepherd's pie	3.65
Lite: Vegetable lasagna	3.65
Deli: Turkey w/apple-mustard sauce	3.20
Grill: Tuna Nicoise	3.30
Friday, June 2	
Soup: Winter vegetable	.90/1.20
A la Carte: Chicken w/peach relish	3.95
Lite: Shrimp & mushroom quiche	4.10
Deli: Pastrami Dijonnaise	3.20
Grill: Tex Mex taco bar	3.30

Note to Diners

The Lab will be closed on Memorial Day, Monday, May 29, but the Cafeteria will remain open over the holiday weekend, May 27-29, from 9 a.m. to 2 p.m. The vended food service in Building 912 will be in operation throughout the holiday weekend.

The Brookhaven Center will be closed on Sunday, May 28, through Monday, May 29. It will reopen the evening of Tuesday, May 30.

Pool & Gym Closings

The pool will be closed for the Memorial Day holiday weekend, Saturday, May 27, through Monday, May 29. The usual hours will resume on Tuesday, May 30.

The gymnasium will also close for the weekend, but will remain closed weekends for the summer months. The usual gymnasium schedule will resume on Saturday, September 9.

Water Aerobics

Water Aerobics classes will continue in June only on Mondays and Tuesdays, from 5:15 to 6 p.m. starting June 5.

A six-week summer session will start July 11 and end August 17, with classes from 5:15 to 6 p.m. on Tuesdays and Thursdays. Call Mary Wood, Ext. 5923, to register.

Bowling

The annual Bowling awards party will be held at Rock Hill Country Club on Friday, June 9, from 6 to 10 p.m. The cost is $10 for bowlers and $15 for guests, which includes dinner and an open bar. For tickets, contact Debbie Botts, Ext. 7218, today.

Benefit Dance Tonight: Tickets Available

Tickets for tonight's dance and buffet to benefit the Robert L. Rowley Memorial Scholarship Fund are still available and may be purchased at the door this evening. Sponsored by the BERA Basketball League, the event will be held at the Brookhaven Center from 6 p.m. to midnight. The ticket price of $25 includes an open bar and buffet, as well as music by deejay Eddie Taylor.

Pegram Lecture (cont'd)

Science and Technology, and Director of the Office of Science and Technology in the Executive Office of the President of the U.S., Bromley achieved an unprecedented level of cooperation and communication among the more than 20 federal agencies that support U.S. science and technology. Prior to his appointment to the Bush Administration in 1989, Bromley served as a member of the White House Science Council throughout the Reagan Administration and as a member of the National Science Board in 1988-89.

One of the world's leading nuclear physicists, Bromley is considered the father of modern heavy-ion science. A long-term consultant for BNL, Bromley served as Chairman of the Relativistic Heavy Ion Collider Policy Committee, 1984-89, and he has been a member of that committee since 1993. Bromley also was a consultant at BNL, 1961-89, and a member of the Visiting Committee for Physics, Accelerator and Instrumentation, 1977-83, serving as its chairman in 1981.

As President of the American Association for the Advancement of Science in 1981, and the International Union of Pure and Applied Physics, 1984-87, Bromley has been one of the leading spokesmen for U.S. science and for international scientific cooperation. He was recently elected Vice President of the American Physical Society, and he will ascend to its presidency in 1997.

In 1959, the Pegram Lecture Series was established by the Trustees of Associated Universities, Inc., (AUI) to provide an opportunity for distinguished scholars to examine the interaction between science and other aspects of culture and society. D. Allan Bromley will be the 24th lecturer in the series, named in memory of the late George Braxton Pegram, who played a key role in BNL's founding. Pegram became one of the incorporating trustees for AUI in 1946 and remained an active trustee for a decade.

Atlantic City Trip

A few seats remain for the next BERA-sponsored, one-day trip to the Claridge Hotel and Casino on the boardwalk in Atlantic City, on Saturday, June 10. The initial cost will be $22, but the hotel-casino will give a $12 coin return.

Buy tickets now at the BERA Sales Office, weekdays, 9 a.m. to 1:30 p.m. For more information, call Andrea Dehler, Ext. 3347; Rosalie Piccione, Ext. 3160; or Kay Dellimore, Ext. 2873.

LUG Meeting

The Upton Local Users Group (LUG) will next meet on Wednesday, May 31, at 11 a.m. in Room B, Berkner Hall. Those attending will be updated by Paul Kessler on the BNL Computing and Communications Division's migration from its VAX cluster to a new Alpha (AXP) cluster, and will be introduced to Digital Equipment Corporation's latest Alpha hardware products by Steve Henderson.

A question-and-answer period will follow each presentation. All computer users are encouraged to attend. For more information, contact Zohreh Parsa, LUG chairperson, Ext. 2085.

Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position. Consideration is given to candidates in the following order: (1) present employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present employees within the Laboratory; and (3) outside applicants. In keeping with the Affirmative Action plan, selections are made without regard to age, race, color, religion, national origin, sex, handicap or veteran status.

Each week, the Personnel Division lists new placement notices. The purpose of these listings is, first, to give employees an opportunity to request consideration for themselves through Personnel, and second, for general recruiting under open recruitment. Because of the priority policy stated above, each listing does not necessarily represent an opportunity for all people.

Except when operational needs require otherwise, positions will be open for one week after publication.

For more information, contact the Employment Manager, Ext. 2882, or call the JOBLINE, Ext. 7744 (282-7744), for a complete listing of all openings.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

MK 0566. ADMINISTRATIVE/SECRETARIAL POSITION - Will provide administrative and secretarial support to the RHIC Project Head. Requires an AAS or equivalent, significant secretarial experience and administrative background, demonstrated ability to work under quickly changing priorities, a high degree of judgment, initiative, discretion and flexibility. In addition, requires a broad knowledge of Laboratory policies and procedures, excellent oral and written communication skills, ability to screen and schedule incoming tasks and documents, and computer literacy. Responsibilities will include interacting with a wide range of high-level staff, visitors and guests, arranging meetings and seminars, and preparing presentations and documents for large national/international collaborations. RHIC Project.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

DD 3720. ENGINEERING POSITION - Requires a BS in science or engineering, excellent oral and written communication skills and a knowledge of PC programming. Experience in the construction trades and electronics highly desirable. Will interact with scientists, tradespeople and other professionals in the construction and maintenance of the Forest-Atmosphere Carbon Transfer and Storage facility (FACTS). Additional requirements include the ability to climb to heights of 100 feet and to accept a flexible work schedule with protracted hours, including weekends. Will be stationed in the Raleigh-Durham, N.C., area. Department of Applied Science.

DD 0470. MASTER WELDER - (term appointment) Responsibilities will include working on various materials from prints, sketches or verbal instructions. Will set up and weld, cut, braze, pour lead and perform similar or related operations using ingenuity in problem solving. Will perform layout, preparation, setup, measurement, assembly and installation of equipment as required. Central Shops Division.

NS 5286. ENGINEERING POSITION - Requires an MSEE or equivalent and experience with high-speed, high-precision analog and digital design and testing. Requires ability to construct and operate complete test systems, including multilayer PCB design, GPIB instrument-control and data-acquisition software. Knowledge of Berkeley IC layout tools, HSPICE analog circuit simulator, and layout verification tools is necessary; experience with low-noise CMOS analog circuits used in particle physics is desirable. Instrumentation Division.

Motor Vehicles & Supplies

93 MERCURY CAPRI - conv., black, 5-spd., 30k mi., extras, $10,500; tires, Michelin, MXV3, 195/60R15, good rubber, $25/pr. Bill, 924-6940 after 8 p.m.

92 KAWASAKI KE-100 - on/off road, mint cond., $1,200. Roy, 727-6714.

92 GEO METRO - 17k mi., 45 mpg, 5-spd., 3-yr. warr. Joe, Ext. 4496.

91 OLDS CUTLASS SUPREME - 2-dr., red, loaded, clean, 63k mi., $7,600. Gina, 286-6839.

90 TOYOTA COROLLA - white, 4-dr., 5-spd., ac, p/s, p/b, excel. cond. in/out, $5,500 neg. Ext. 3376.

90 NISSAN SENTRA - black, 2-dr., 50k mi., a/t, well maint., excel. cond. Ext. 3496.

89 FORD ESCORT - 2-dr. h/b, 5-spd., clean in/out, $2,500. Bob, 821-0695.

88 OLDS FIRENZA - a/t, full power, cruise, ac, 4-dr., 90k mi., excel. cond., $2,500. Arnie, Ext. 2606.

87 CAMARO - 2.8, V-6 F.I., a/t, ac, 120k mi., runs well, body OK, $1,200. Ken, 289-8212.

87 TOYOTA SUPRA - 43k orig. mi., gar., black, 5-spd., showroom cond., $8,000. Brian, Ext. 2799.

86 HONDA CIVIC - h/b, red, 5-spd., sunroof, am/fm cass., 113k mi., good cond., $2,100. Kevin, Ext. 2963 or 744-0871.

85 FORD ESCORT - new engine, low mi., clean, excel. cond. Harvey, 281-7568.

85 DODGE DAYTONA - black, 5-spd., 30k mi. on rebuilt eng., new tires & clutch, $2,900. Ext. 2862.

85 VOLVO GLE 740 - needs work, $1,000 or best offer; BMW 530/528 shop manual. 331-2298.

85 PONTIAC 6000 - white, 4-dr., 98k mi., new tires, brakes, fuel pump, & rear shocks, p/s, a/t, minor rust, $1,400. Rick, Ext. 3932 or 472-9789 after 5:30 p.m.

85 COUGAR LS - 3.8L, V-6, full power, gray, good cond., $1,500. Frank, Ext. 4220 or Vita, 277-0464.

84 PONTIAC TRANS AM - black w/gold trim, gray int., 5-spd., 5.0 liter, 8-cyl., $2,400. Rich, 744-4816.

83 CHEVY IMPALA - 4-dr., V-6, a/t, new exhaust, looks good, runs well, $750. 924-8213 after 5 p.m.

82 PLYMOUTH - s/w, 158k mi., new brakes, $600. Jack, Ext. 3419 or 286-0534.

82 JEEP CHEROKEE - 4wd, a/t, ac, 60k mi., runs well, $2,800. Joe, 878-9331.

80 TOYOTA TERCEL - 3-dr. h/b, 5-spd., ac, am/fm, red, 138k mi., no rust or dents, looks great, runs well, $850. Brian, Ext. 3102 or 821-4530.

79 MUSTANG - new tires, brakes, starter, nice rims, runs well, dependable; '84 Interceptor 750 motorcycle, new tires, brakes, runs, mint. David, 473-9678.

69 MUSTANG - convert., 6-cyl., 3-spd., am/fm cass., 86k orig. mi., recent tires, brakes, exhaust, top & int., $3,800. Ext. 3288 or 281-0360 after 6 p.m.

NOVA RACE CAR - no motor, make an offer; motor $2,500, as is. Willie or Steve, Ext. 3849 or 874-2013.

SLIDE-ON CAMPER - 10', self-contained, refrig., shower, good cond., $900. Toni, Ext. 2817 or 878-4448.

RACKS - Thule Aero, w/ski holder, sailboard pads & mast holder, $100. Joe, Ext. 4139.

SIDE BOARDS - diamond-plated, like new, for small truck or Blazer, $50. 289-8105.

TRAILER HITCH - Draw-Tite, 3,500 lb. w/2" ball for '90-'95 Cougar/Thunderbird, $50. Bob, 265-0391.

TRAILER - 4'x8' w/wood sides, good for small landscaping, $200. Doreen, 474-2033.

CAP - for Chevy S10, reg. size, good cond., $150; rims, 4, alum., 14", $100. Ext. 4879 or 286-5403.

Boats & Marine Supplies

26' CRUISER ROGUE - loaded, 300-h.p. DP Volvo, under 20 hrs., 5-yr. warr., slip avail., extras, $45,000 neg. Mary, 744-6015.

26' BOAT - center con., fishing/pleasure inshore/offshore, full electronics, FG-HT, remote spotlight, fighting chair, 94 repow. 250-h.p. Chevy, fwc, $11,000. Lou, 727-6932.

26' CHRIS CRAFT - dinette, galley, head, full canvas, sleeps 4, many extras, family boat. 475-3553.

25' AQUASPORT - 1987, 200-h.p. Merc., 9.5 Yamaha kicker, new batteries, Loran, radios, full canvas, excel. cond., $13,000 neg. 878-0480.

23' CHAPPARAL - 1984, UHF radar, o/riggers, DF, L/well, f/canvas, d/btrys, bunks, extras, mint, reduced to $9,500. Marilyn, Ext. 2259 or 878-0939.

23' SAILBOAT - fg, fixed keel, sleeps 4, mooring dinghy, jackstands, 6-h.p. motor, sails excel. cond., new windows, $1,650. Mike, 698-3967.

19' O'DAY MARINER - 1979, w/trailer, good cond., $3,000. 286-1097.

19' CRUISERS - fg, 115-h.p. Johnson, galv. trailer, p/winch, $2,200. Jim, Ext. 3372 or 821-0250.

17' O'DAY DAYSAILER II - 5-h.p. Sears ob., galv. trailer, excel. cond., $2,300. Ed, 581-1509.

SUNFISH - 1984, trailer dolly, cover, kick-up rudder. Tom, 281-2256.

ANCHOR - 6-lb., Danforth, w/100' of nylon line, $25. Nick, Ext. 7307.

SUNFISH - fg, w/sand dolly, sail & all running rigging in excel. cond., asking $500. Ext. 3172.

OUTDRIVES - 2, Volvo Penta 150 & 250, both 1969 w/ props., best offer; 5th wheel trailer hitch, best offer. 667-7510.

Furnishings & Appliances

AIR CONDITIONER - Fedders, 8,000 Btu, $75; lawn mower, Caldor, $50; couch, cut velvet, traditional, excel. cond., $200. Corinne, Ext. 3662.

BED - boy's, captain, w/dresser; contemp. d/r set; weight bench & weights, more. Ext. 2816 or 325-9682.

BEDROOM SET - Colonial, headboard, footboard, dresser w/hutch, 2 nightstands, 2 lamps, full dresser, $400 neg. Jody, Ext. 2921.

BEDROOM SET - Colonial, dresser w/mirror, nightstand, mattress, boxspring, headboard, excel. cond., $275 neg. Steve, Ext. 2897.

CABINET - TV, custom-built, RCA b/w, polished maple, many uses, best offer; air conditioner, like new, 6,000 Btu, Sharp, $350. 289-0567 after 6 p.m.

CARPET - brand-new, mauve, fully bound, 5½'x12', $75. Pat, 878-9117.

CHINA - beautiful, delicate, pastel floral band on white bone, service for 8+, $130. Sallie, 265-6903.

CRIB - youth bed, Childcraft, oak finish, mattress w/det. 4-drawer dresser, $125; Porta Crib, Fisher Price, w/carry bag, $20. George, Ext. 5288 or 878-8177.

COUCH - & Lazy Boy recliner, beige, like new, orig. $1,000, sell for $300. 289-8105.

DINING ROOM - hutch, table, 6 chairs, $400; etagere, 5 shelves, glass & chrome, $25; water bed, deluxe single, $90 neg. Sue, Ext. 7235 or 399-7997.

DINING ROOM SET - 42" round w/2 leaves, 6 chairs, china closet, $300/all neg.; antique Victorian couch, 3 chairs, $800 neg. 286-8448 after 5 p.m.

DINING ROOM - walnut, contemp., 4 chairs, table w/leaf, china cabinet, good cond., $200. 289-7470.

FREEZER - upright, large, $100; weed wacker, heavy-duty, gas, $50; lawn blower, gas, $40; $80/both. Darlene, Ext. 4685.

HEATER - elec. baseboard, 40", lg. w/plug, $20. Nick, Ext. 7307.

MATTRESS - boxspring, frame, queen, $230; 2 sofas, $70 & $90; storm door, $60. Ext. 3842 or 929-6925 after 1 p.m.

REFRIGERATOR - GE, 17.5 cu. ft., white, 7 yrs. old; dishwasher, GE, under counter, $50. Tony, 736-7942.

SOFA - gold, imitation leather, $100; elec. range, Welbilt, $75; Gibson refrigerator, 16.4 cu. ft., frost-free, $100; all good cond. Steve, Ext. 7862.

TABLE - w/2 chairs, white & black, bar height, $75. Corinne, Ext. 3662.

Tools, House & Garden

DAHLIA ROOTS - $1/ea., mostly white. Joe, Ext. 2898.

GENERATOR - 5kW, Winpower, heavy-duty, cast iron, Tecumseh engine, low hrs., $500. Bart, Ext. 2005 or 924-6761.

HOSTAS - 50¢/shoot, free delivery for orders over $25; lobster pots, wire. Bob, 689-9234.

LAWN MOWER - 21", bag, $25; lawn sweeper, 30", Sears, good cond., $25. 567-9025 eves.

LAWN MOWERS - Yardmaster, 20" cut, 3½-h.p., $50; Greenbriar, 20" cut, 3-h.p., $50; Jacobsen, 3½-h.p. self-drive, w/bag, 21" cut, $125. Dan, 698-7322.

LAWN MOWER - push-type, little used, best offer. 286-3742.

LAWN MOWER - elec., used 3 times, excel., $110; kitchen table w/4 chairs, $135; large rattan table, $45. Kathy, 744-2203.

LAWN SPRINKLER PARTS - pump starters, new, reasonable prices. Bob, 289-2986.

POOL LADDERS - in ground, 1-h.p. sand filter, 12"x6" patio block. 981-5993.

TREES - Japanese maples, $10-$45+. 265-6542.

WINDOW - steel casement, 37"x50", industrial type, $25. Connie, 727-1483.

Sports, Hobbies & Pets

AQUARIUM - 1,000-gallon, stand, heaters, filters, gravel, complete, excel. $350. Roy, 286-8582.

BASKETBALL BACKBOARD - Porta Jump Shot, complete w/hoop & net, never used, orig. $250, now $75. Harvey, 281-7568.

CAMPGROUND MEMBERSHIP - located in Miss. Gulf Shore, CCC & RPI affiliated, $1/night, over 650 campgrounds, $1,000 neg. Dan, 281-5439.

EXERCISE MACHINE - Soloflex, not used, all attachments, 400 lbs. of resistance bands, will deliver, $550. 765-2966.

EXERCISE MACHINE - Nordic Track Achiever, hardly used, electronic calorie counter, calibrated resistance settings, asking $450. 878-1617 after 6 p.m.

GOLF BALLS - Pinnacle, reconditioned, $5/dozen; love seats, 2, off-white, w/brown & off-white pillows, $100. Joann, 878-8164.

LABRADOR RETRIEVER - puppies, yellow, avail. early June, deposits accepted now. 924-5505.

MOUNTAIN BIKE - girl's, 24", Royce Union 12-spd., like new, $50; Nashbar 3000 ETR road bike, 27"x1⅛" tires, 67cm, 18-spd., $250. Phil, Ext. 5669.

POOL PUMP - filter, Hayward super pump, Lomart filter, for large pool, $125. Bart, Ext. 2005 or 924-6761.

WET SUIT - Surf East, like new, adult small, $70. A. Didio, Ext. 2138.

Audio, Video & Computer

COMPUTER - Commodore 64, 1541 disk drive, tape drive, color mon., Gemini 10x printer w/interface, make offer. Bob, Ext. 4656.

Miscellaneous

AIRLINE DISCOUNT COUPON - free companion ticket, U.S., Canada, Carribbean, Bermuda, Mexico, Paris or Frankfurt, transferable, $100. Ext. 7286 or 581-7656.

EDGER - Craftsman, elec., $10; large animal cage, Midwest, orig. $140, sell for $50 neg. Jim, Ext. 4150.

HIGH CHAIR - Evenflo Sidewinder II, $30; books, 50¢/ea.; antique sewing machine, converts to table, make offer; organ, lg., for beginners. 821-6856.

SHIRT - brand-new, in wrapper, Botany 500, size 16/33-34, $12. Susan, Ext. 7647.

TICKETS - 2, *Phantom of the Opera*, 11/18, 2:00 p.m., great orchestra seats, $125. 261-7698.

Free

BATHTUB - 1-piece, beige, fiberglass unit w/tub surround panels attached, good cond., you take away from garage. Pat, Ext. 3275.

BOAT CRADLE - welded steel, 6'x12', should fit boat 28'-32', cost $650 new. T. Morris, 744-5096.

TREES - 2 young pear trees, you help dig out. Steve, Ext. 7862.

Car Pools

LIE EXIT 36 - fourth needed. John, Ext. 5181.

Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, religion, sex, age, national origin, disability or veteran status of the applicant.

For Rent

BELLPORT VILLAGE - upstairs 1-bdrm. apt., full bath, all new, village amenities, $625/mo. includes util. & cable. Jim, 744-2095 after 6 p.m.

CALVERTON - 2-bdrm. townhouse, 5 appl., ac, patio, upper deck, carpeting. Henry, Ext. 7595.

CENTER MORICHES - 3-bdrm. contemp., all appl., near water, yacht club & fishing jetty, deck, priv. encl. yard, July & Aug $1,250/mo. Peter, Ext. 5983.

CORAM - 2-bdrm. apt., l/r, kit., w/w, sep. ent., lg. yard, 10 min. to Lab, close to bus, avail. June 1, $750/mo. + util. 821-5624 eves./wknds.

CORAM - Bretton Woods, 2-bdrm. condo, 2 baths, d/r, l/r, eik, all appl., ac, golf, tennis, i/o pool, clubhouse, cable, no pets, $975/mo. + util., sec. & refs., avail. 8/1. 289-0413.

EAST MORICHES - large furn. studio apt., full bath, kitchenette, large enclosed front porch, 1 acre, quiet street, near water, 10 mi. to Lab, $600/mo. incl. util. & cable, avail 8/1. Carol, 878-4154.

MILLER PLACE - 1-bdrm. apt., new carpet, new kit., very clean, priv. ent., off-street parking for 2 cars, all util. incl., 15 min. to Lab & Stony Brook. Doan, Ext. 7535 or 345-0462.

NORTHPORT - new 1 bdrm., priv. ent., parking, sep. thermostat, carpeted, priv. beach, walk to town beach, restaurant, golf, nature area, $800/mo. incl. util., unfurn., furn. avail. Ray, Ext. 7224 or 261-6455.

PATCHOGUE - 1-bdrm., priv. ent., all new, nonsmoker pref., $625/mo. incl. all., sec. 289-0967 after 6 p.m.

SELDEN - ground-floor studio apt., priv. ent., full kit. & bath, lg. closet, w/w, new flooring, cable, $500/mo. + sec. Pam, 474-2792.

SOUND BEACH - 1-bdrm. apt., full bath, priv. ent., sep. office, no pets, nonsmoker, 20 min. to Lab, $650/mo. incl. util., avail. immed. Tom, Ext. 5899.

STONY BROOK - 1st floor bdrm., furn., ½ mi,. from SUNY SB and RR station, kitchen priv., w/d, nonsmoker, no pets, $350/mo. Ext. 5648 or 689-1350.

DENNISPORT, CAPE COD, MA - 1-bdrm. condo, sleeps 4, kitchen, Jacuzzi, i/o pool, priv. beach, whirlpool, patio, avail. July 1-8. 924-7476.

KEY WEST, FL - oceanfront studio timeshare, 5-star Coconut Beach Resort, sleeps 2, refrig., microwave, ac, TV, pool, Jacuzzi, fish, swim, nightlife, week of July 29-August 5. Pat, Ext. 2539 or 929-3586.

HILTON HEAD, SC - 2-bdrm. condo, sleeps 6, full furn., 2 baths, pool, beach, golf nearby, through Sept., $475/week. Guy, Ext. 3147 or 689-5378.

For Sale

BELLPORT VILLAGE - 3-bdrm. Cape, across from golf course, 1 bath, $130,000. Sherry, Ext. 2670.

BROOKHAVEN - 2-story, 4-bdrm. cedar Colonial, l/r, d/r, den w/fp, 2½ baths, screened porch, full bsmt. on cul-de-sac, south of South Country Rd., $219,000. 878-3741.

E. NORTHPORT - 3-bdrm. ranch, 2½ baths, d/r, l/r, fin. bsmt., sprinklers, cul-de-sac, agp, excel. cond., ¼+ acre, NSD, $185,000. 261-7698.

EAST PATCHOGUE - South Country Shores, 3-bdrm. ranch, completely remodeled, fin. bsmt., gar., shed, priv., almost on water, close to all, ½+ acre, low $140,000s. 475-6004.

MIDDLE ISLAND - 2-bdrm. co-op, upper unit, l/r, d/r, kit., all appl., cac, gas heat, newly carpted, many extras, pool, tennis, clubhouse, 80% tax write-off, $53,000 neg., must sell. Angela , 924-5282.

NORTH SHIRLEY - 9-rm. Colonial, 1,800 sq. ft., 4 bdrm., 1½ baths, 1-car gar., new refrig. & stove, ⅔ bsmt., 14'x13' eik w/sliding door to wood deck patio, more. Julian, 924-0960.

PATCHOGUE - 4-5-bdrm. ranch, cul-de-sac, 3½ baths, fin. bsmt., 2-car gar., 18 min. to Lab, must see, $170,000. Marge or Faith, 475-6234 eves.

PATCHOGUE - newly finished 2-bdrm. house, full bath, eik, cath. ceiling in l/r, w/skylights, lg. d/r, 1½-car gar., 80'x120' fenced property. 289-8105.

PORT JEFFERSON VILLAGE - 4-bdrm. custom-built, wooded lot, 3½ baths, 2-car gar., fin. daylight bsmt. w/bath and sep. outside ent. 331-4768.

RIDGE - 3-4-bdrm. ranch, 2½ baths, laundry rm., fenced yard, ideal M/D, $114,990, willing to rent w/option to buy. Carol, Ext. 2673 or 744-8632.

RIDGE - 3-bdrm. ranch, vinyl siding, Andersen windows, fenced yard, cul-de-sac, excel. cond., ask. $109,990. 924-2298.

RIVERHEAD - 4-bdrm. Dutch Colonial, immac. cond., modernized kit., 2 baths, fp, 2-car gar., all city util., well and sprinkler system, all appl., zoned business D. Albert, 727-4884.

ROCKY POINT - 2-bdrm. ranch, eik, 1 bath, 40'x100', 2-yrs.-old, $99,000. Ruth, 821-6833.

ROCKY POINT - 3-bdrm. custom house, landscaped corner plot, eik w/custom cab., 4 appl., w/w, OHWH, city water, $82,000. Donald, 473-6570 after 7 p.m.

SHIRLEY - 3 bdrm., bsmt., gar., new appl., new kit. & w/d, d/r, alarm, dead-end, walk to Southaven Park, fixed assum. mortgage, 8%, 20-yr. balance, home warranty, $93,000. Jim, Ext. 4150 or 281-0489.

SHOREHAM - 4-bdrm. col., 2½ baths, ⅓ acre, taxes $3,300, SWRSD, excel. cond., immed. occupancy, $169,000. Ralph or Joyce, 744-8782 after 6 p.m.

WADING RIVER - 3-bdrm. Colonial, 2½ baths, 2-car gar., custom kit., Jennair, gazebo, shed, igs, igp, deck, steam bath, Satellite dish, SWRSD, 1.1 acre, $199,900. 929-8323.

WADING RIVER - 3-4bdrm., 3 baths, l/r, d/r, patio, 2-car attached gar., ½ acre, quiet, deeded beach rights, city water, full bsmt., $162,000. 929-1050.

YAPHANK - 3-bdrm. condo, a/c, fp, attached gar., all appl., orig. owner, 5 min. from Lab, Lee Rogers, 800-942-9304, voice mailbox 21830.

PORT CHARLOTTE, FL - ¼ acre bldg. lot, developed neighborhood, ready to build, $9,000. 929-8323.

Wanted

DOG RUN - or sections of cyclone fence, posts, clamps, etc. Al, 727-7115.

FREEZER - small, chest-type, reasonable, for retiree. Bill, 281-6498.

GOLF TICKET - for U.S. Open at Shinnecock Hills. C.C., Ext. 3916.

HOMES FOR VISITORS - furn. apt., condos, or homes, short-term rentals for visitors/guests of BNL. Marie, Ext. 4489.

HOUSEMATE - to share 2-bdrm. Middle Island apt., starting June 16, nonsmoker, no pets, $390/mo. incl. heat. Jürgen, Ext. 5739.

HOUSE/APT. - furn. for retired couple, 4-6 weeks, July-August, prefer north shore area, have excel. refs. Linda, Ext. 5763.

MICROWAVE - good cond., reasonably priced, for office use. Ext. 2466.

ROTOTILLER - gas-powered, mini size; drawing table, Anco-type, all wood, A-frame stand, 23"x31" size. John, Ext. 7671.

SCUBA EQUPMENT - BCD, weight belt, tanks, etc. Ext. 7207.

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