BROOKHAVEN BULLETIN
Vol. 49 - No. 35 September 8, 1995
BROOKHAVEN NATIONAL LABORATORY

First Finding From FACE Forest

Researchers in BNL's Department of Applied Science (DAS) and at Duke University report that loblolly pine trees grown in a simulated 21st-century atmosphere of increased carbon dioxide (CO_2) show a marked increase in their rate of photosynthesis.

In a season-long experiment from June to September, 1994, the researchers found that the rate of photosynthesis in pines growing in elevated CO_2 was 65 percent higher than in pines growing in the present day's CO_2 environment. They also found that the trees' water consumption did not change in response to the elevated CO_2, unlike the decrease seen in previously studied crops and herbaceous plants.

David Ellsworth, DAS tree physiologist, said, "Ours is the only study of this sort that has ever been conducted in a forest, yet one-third of Earth's land mass is covered by forests. Up to now, we have not been able to study how an entire forest would respond to increased CO_2."

Principal researchers in the study also include ecologist George Hendrey, DAS, and tree physiologist Ram Oren, of Duke University. Their work is described in a paper to be published this fall in the journal *Oecologia*.

About FACE

The forest experiment was the first use of FACE technology in a forest environment. FACE, which stands for free-air carbon-dioxide enrichment, was developed by Hendrey and colleagues at BNL to study effects of enhanced CO_2 on plants in their natural environment. Only such experiments, conducted in open air rather than in greenhouses or any other types of enclosures, can mimic "real world" conditions in order to simulate how entire ecosystems will cope with the predicted CO_2-rich atmosphere of the next century.

Levels of CO_2 in the atmosphere have risen from 280 parts per million (ppm) at the beginning of the Industrial Revolution in the late 18th century to 355 ppm today, an increase of over 25 percent, primarily because of increased fossil-fuel combustion. Scientists expect that the current level will double some time in the next century.

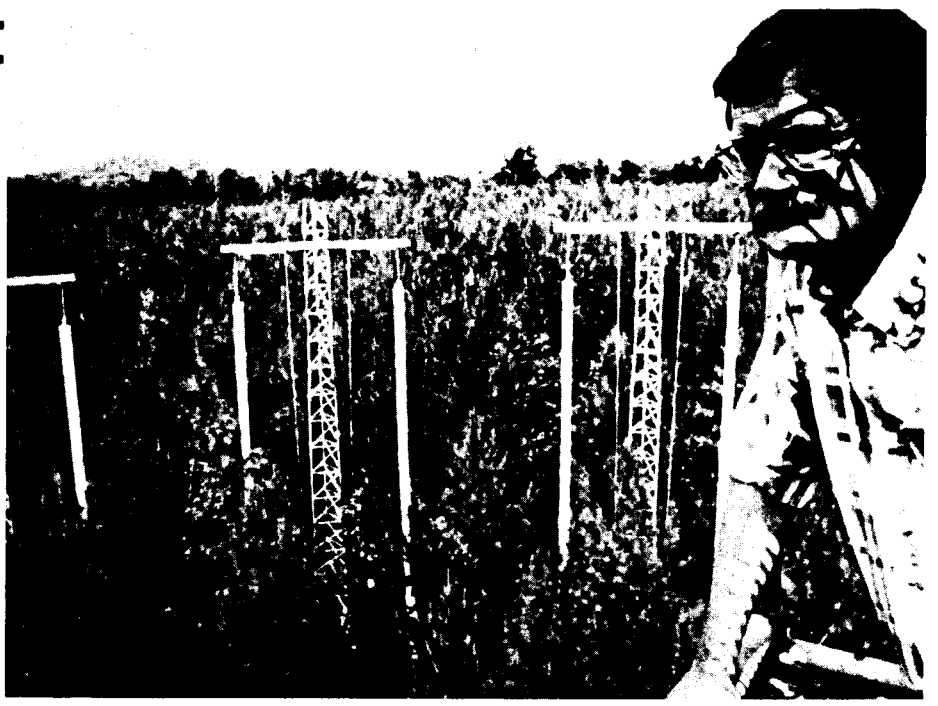
Hendrey has previously used FACE to evaluate effects of increased CO_2 on agricultural crops in Mississippi and Arizona, and on grassland in Switzerland.

In the FACE system, an array of vertical pipes encircling the test area releases CO_2 in a computer-controlled mixture with ambient air. The computer measures wind direction, wind speed and the CO_2 concentration in the center of the array, and uses this information to adjust the rate of gas to be released on a second-to-second basis. The resulting environment is as close as practical to the atmosphere expected to prevail in the middle of the 21st century.

In the Duke Forest

The forest experiment was carried out on mature loblolly pine trees in North Carolina, in a forest owned by Duke. Used for timber, loblolly pines are the mainstay of the lumber industry in the Southeast.

While increased photosynthesis may result in faster-growing trees and, hence, more wood, the researchers caution against viewing their results as entirely good news. It is not yet clear that the extra photosynthesis will be reflected in faster growth.



George Hendrey in the loblolly pine forest at Duke University.

Said Ellsworth, "These are early findings, and there are many questions still unanswered. What about competition from other trees? Will the forest outstrip the soil's capacity to support enhanced growth? Would faster-growing wood be more brittle? It's not so simple."

The Experiment Ahead

Already begun is a much broader, multi-year experiment (see Brookhaven Bulletin, May 19, 1995). Besides continuing the tree physiology work, this next experiment will include soil and atmospheric studies.

Dozens of ecologists and plant biologists will work at the Duke forest site, collecting data not only on loblolly pines, but also on sweetgums, dogwoods, honeysuckle and junipers, and on microbes and soils. Results from the study will be used in global computer models to predict the role of vegetation in future CO_2 exchange with the atmosphere.

The FACE approach gives many biological scientists access to a large facility that encompasses hundreds of individual plants in an intact ecosystem. This reduces the cost per scientist dramatically. The net effect is an economical way to build an understanding of how a particular ecosystem will respond to rising levels of CO_2.

FACE research is supported by the U.S. Department of Energy's Office of Health and Environmental Research, Ecological Research Division.

— Mona S. Rowe

BNL Lecture: Using PET To Image Drug Addiction

The stark photo on the front cover of *Time* magazine of May 13, 1991, publicized the tragedy of "Crack Kids" discussed in the lead article on cocaine addiction. On the back cover was a compelling ad for cigarettes.

Similar examples can be easily found in many magazines, but such familiar contradictions surprise few readers.

Yet, statistics show that nicotine and alcohol, both legal, account for most of the mortality induced by legal and illegal drugs of addition. And drugs both legal and illegal contribute to addicts' acts of violence and crime.

Until the present, very little has been known about why people like drugs, and, therefore, how they might be treated.

At BNL, however, scientists and chemists are using Positron Emission Tomography (PET), a medical-imaging technique, to investigate human brain chemistry and how it is altered by drugs such as cocaine and alcohol.

To describe her and her colleagues' internationally renowned PET research, Scientist Nora Volkow, the Medical Department's Director of Nuclear Medicine and Associate Chief of Staff of the Clinical Research Center (CRC), will deliver the 308th Brookhaven Lecture, on Wednesday, September 13. Her talk, the first of the 1995-96 series (see box on page 2), is entitled "Live Images of the Addicted Brain As Seen Through PET" and will begin at 4 p.m. in Berkner Hall. Volkow will be introduced by Senior Chemist Joanna Fowler.

Roger Stoutenburgh

Nora Volkow at BNL's Positron Emission Tomography facility.

In her talk, Volkow will explain the PET technique, which essentially provides a "window" into the functioning brain of the subject. By labeling drugs with one of the positron emitters developed at BNL, and measuring the concentration and location of the tiny amounts of radiation emitted, researchers get information about the patient's brain metabolism, the concentration of receptors,

(continued on page 2)

Melucci Heads Budget Office

At a time when the Lab's budgeting process faces sweeping change, Richard Melucci has been appointed BNL's Budget Officer, effective September 1.

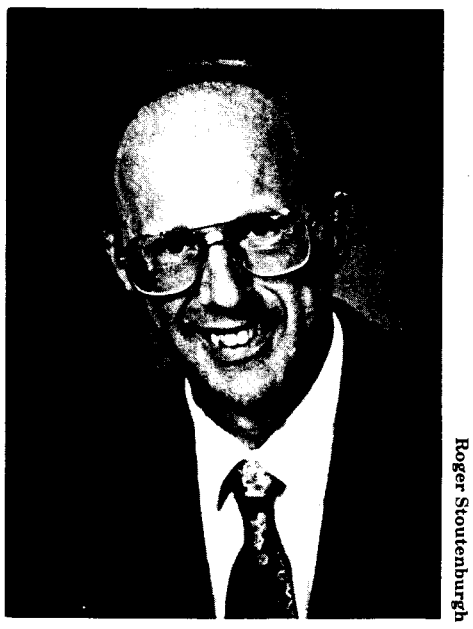
Melucci, the former Administrative Manager for the Department of Applied Science (DAS), will now head a staff of 14 who oversee the financial management of the Lab's budget.

He will also lead a review of Laboratory-wide overhead costs, the charges for support services that are distributed across all the Lab's scientific programs. The review will not include department and division overhead costs.

The project will attempt to determine whether different methods of distributing overhead could better fit in with a "causal-beneficial" approach — one that says that those who help cause the need for an overhead-funded activity should be charged for a proportional part of its cost.

Starting with the fiscal year 1998 budget submission process that begins in January, the Lab has a commitment to the U.S. Department of Energy (DOE) to make such changes. After the Budget Office carries out its review and makes recommendations, it will present them to Lab management for discussion and acceptance.

Henry Grahn, Associate Director for Administration, expressed his belief in Melucci's ability to face the challenge. "Dick has demonstrated excellent financial and administrative skills in his past 21 years of service at BNL," he said. "I am confident he will continue to use his good judgment and expertise in carrying out the important responsibilities of the position in the same outstanding manner."



Roger Stoutenburgh

Richard Melucci

Melucci came to BNL's Physics Department in 1974, several years after receiving his master of business administration degree from Adelphi University, where he had earlier earned a bachelor's degree in applied physics.

After five years of managing Physics' budget and financial planning, he moved to DAS as department administrator and later department administrative manager. The department's

(continued on page 2)

BNL Lecture (cont'd.)

which are the molecules that receive messages into the brain, and the concentration of enzymes, which catalyze the chemical changes.

As well as recalling Brookhaven's significant PET findings on alcoholism, Volkow will detail the present BNL cocaine investigations, which have documented for the first time that cocaine causes a chemical change in the brain, affecting regions responsible for an individual's ability to control repetitive behavior, as well as impulsive behavior. Another important finding is that prolonged, heavy use of cocaine can deaden areas of the brain for a long time, possibly permanently.

Also, Volkow will describe the comparative studies she has done using methylphenidate and cocaine, which may explain the compulsive, repetitive behavior of cocaine users. This information could be the first step in developing new drugs for treatment.

After Nora Volkow received her M.D. degree at the National University of Mexico, in 1981, she became a resident in New York University's Department of Psychiatry 1981-84. She moved to an assistant professorship in psychiatry and behavioral science at the University of Texas Medical School at Houston, 1984-87.

During those six years, Volkow was also a BNL research collaborator, until she joined the Medical Department staff as a scientist in 1987, with a joint appointment as associate professor in the Department of Psychiatry at the State University of New York at Stony Brook. She was named CRC Associate Chief of Staff in 1990 and Director of Nuclear Medicine in 1994, at which time she also started lecturing in the Department of Psychiatry at Columbia University.

Volkow's pioneering research has spanned the fields of schizophrenia, cocaine addiction, alcoholism, clinical pharmacology and aging. Her publications include over 120 peer-reviewed articles and about 40 book chapters and papers in conference proceedings. She has edited three books.

After the lecture, all are invited to join Volkow for discussion and refreshments. Those wishing to have dinner with the speaker at a restaurant off site should call Amalia Ruggiero, Ext. 3673. — Liz Seubert

1995-96 Brookhaven Lectures

So many diverse fields of research are covered by BNL as a multiprogram national laboratory, that people working in one area may have little opportunity to learn what is happening in another.

The Brookhaven Lecture Series, founded in 1960, provides such an opportunity. The series is overseen by the Brookhaven Lecture Committee, currently chaired by William Morse, Physics Department, with Robert Crease, Director's Office, serving as Secretary.

All remaining lectures in the1995-96 series, listed below, will be held on Wednesdays at 4 p.m.

Date	Speaker	Subject
Oct. 11	Charles Springer Chemistry	Magnetic Susceptibility in MRI: Chemistry From Brain Artifact to Activation
Nov. 15	Robert Crease Director's Office	Lab History: The Goldhaber Years
Dec. 13	Sonja Haber Advanced Technology	Human Factors in Safety Performance
Jan. 17	C. Ruth Kempf Advanced Technology	Safeguards Cooperation Programs With Russia
Feb. 14	John Tranquada Physics	What's New In High-Temperature Superconductors?
Mar. 20	Michael Brennan AGS	Accelerating High-Intensity Beams at the AGS
April 17	Ilan Ben-Zvi NSLS	Laser Accelerators and Their Inverses
May 15	A.J. Francis Applied Science	Bioremediation of Contaminated Soils and Waste
June 19	Peter Thieberger Physics	You *Can* Teach an Old Machine New Tricks — The BNL Tandem Story

All Brookhaven Lectures are recorded on audio- and videotape, which employees may borrow from the Research Library, Bldg. 477.

ReportSmith Chosen For Database Access

BNL's Information Interface Tool (IIT) Committee has chosen the computer program ReportSmith by Borland as an affordable, Labwide report writer/query tool to allow end users unassisted access to data contained on the various databases supported at the Lab. All are invited to preview this product on Wednesday, September 13, at 10 a.m., in the Computing & Communications Division (CCD) Seminar Room, Bldg. 515.

Consisting of Carol Archer, Department of Applied Science; Ray Duffield, Management Information Systems (MIS) Division; Susan Eng Wong, CCD; Chairperson George Malcolm, MIS; Richard Melucci, Budget Office; Pat O'Connor, CCD; and Betsy Schwartz, Information Services Division, the IIT Committee considered over 40 products before choosing ReportSmith.

Says Malcolm, "ReportSmith provides an easy-to-use means of accessing and reporting data, whether those data are located on your PC, a UNIX system, one of MIS's HP systems or almost anywhere else at BNL accessible via the network. Although, at present, it will run only in the Windows environment on personal computers, its connectivity to the widest variety of additional sources seems to set it above the other products evaluated."

In addition to intuitive and quick connectivity, the committee found ReportSmith to have several other strong points, including: an interface featuring a "what you see is what you get" report-writing screen; "quick" or "auto" report creating for four basic report types; and the fact that simple English sentences can be used to describe query choices so that knowledge of SQL language is not required.

In Memoriam

Nancy Sautkulis, a technical secretary in the Chemistry Department, died on August 21 of acute lymphoblastic leukemia. She was 40.

Nancy Sautkulis

After earning an associate's degree from Concordia College, Sautkulis came to BNL in July 1976, as a secretary in the Biology Department, where she stayed for several years. In 1980, she transferred to Chemistry to work for Alfred Wolf. She was promoted to a senior secretary in 1981.

Following the birth of her son Michael, Sautkulis began working evenings, and then days, part-time for the department's administrative office, continuing after the birth of her daughter Margaret. In Chemistry, she oversaw the department library, prepared manuscripts and other scientific documents, and was responsible for establishing Chemistry's publications database.

Said Chemistry Chair Carol Creutz, "Nancy loved the challenge of adapting new computer-based tools to her work, and she truly excelled in this work, on which our department continues to rely. We were very fortunate to have even the part-time assistance of someone of her technical talents and extraordinary personal qualities. We miss her greatly."

Added former department chair Norman Sutin, "During my chairmanship I came to know and respect Nancy. Her intelligence and dedication pervaded all she undertook, including serving as the department's representative for Blood Drives, United Way campaigns and many other committees. She took pride in her work and in her family, and she was seldom satisfied with less than her best even when it could no longer have been easy for her to do so. We feel a deep sense of loss but derive inspiration from her life."

Sautkulis was made a secretarial specialist in October 1990, then a technical secretary in May 1992, still working part-time. On July 5 of this year, she went on long-term disability.

Nancy Sautkulis is survived by her husband Richard, of the Biology Department, her children, her parents and a sister.

Richard Melucci (cont'd.)

more than 200 accounts and 75 funding sources make its administration a microcosm of BNL as a whole.

"DAS is a very diverse department, which gives me a head start," Melucci explained. "But there's still a lot to learn about the inner workings of the Lab, and other departments and divisions. My intention is to talk to as many people and learn as quickly as I can.

"The Budget Office has a history of accuracy, and I'd like to see that continued and improved," Melucci continued. "But I'd also like to improve its efficiency and its relationship with its customers."

One way to do this, Melucci continued, is to keep the emphasis on automating the budgeting process more fully, making the exchange of organizational budget drafts and final budgets entirely electronic. "I really want to improve the flow of information in both directions," he said, explaining that the development of such a budget system precedes his arrival in Budget.

Melucci became known for implementing such computerized administrative systems during his DAS career, a specialty that helped earn him one of the first Brookhaven Awards in 1991. He also chairs the Labor Cost Distribution Committee, which is implementing a new computerized system to account for and distribute employee hours and leave time.

During his first months as Budget Officer, Melucci will be heavily involved in evaluating the costs included in the various overhead pools and determining if they should continue to be distributed over their current base, or if a new base would be more appropriate. In all, the review's goal is to improve the methods of distributing overhead costs.

In order to gain acceptance for these improvements, Melucci expects to spend a considerable amount of time talking to BNLers throughout the Lab, and developing models to present to management.

"I look forward to a good working relationship with Lab employees in order to identify and implement desired improvements," he said.

— Kara Villamil

Software Demo

On Friday, September 15, at 2 p.m., representatives of Doug Marks Associates and ACCEL Technologies will present an overview of P-CAD version 8.5 and Tango version 3, including a discussion of how these two products will migrate into the 1996 release of Sequoia. The demonstration will be held in the seminar room of Bldg. 515. For more information, contact Pam Mansfield, Ext. 7286, or send e-mail to pam1@bnl.gov.

Women's Committee Seeks Volunteers

Three new members must be selected for the Women's Program Advisory Committee for the coming fiscal year. Anyone interested in being considered to fill a two-year term on this committee may call Women's Program Coordinator Victoria McLane, Ext. 5099.

Windows '95 Seminar

The Personal Computer Resource Center in the Computing & Communications Division (CCD) has scheduled a seminar on the "Pros and Cons of Windows '95." The seminar will be held first on Friday, September 15, then will be repeated on Friday, September 29. Both sessions will begin at 10 a.m., in the CCD seminar room; seating is limited, so come early.

If interest warrants, the seminar will also be scheduled for October.

For more information, call Pat O'Connor, Ext. 7341.

C++ Training

There are still a few openings in the C++ programming class scheduled for September 18-22, from 8:45 a.m. to 4 p.m., in the seminar room of Bldg. 515. The fee for this class is $500. To register or for more information, contact Ed McFadden, Ext. 4188, or e-mail mcfadde1@bnl.gov; or Pam Mansfield, Ext. 7286, or e-mail pam1@bnl.gov, by September 13.

Addled Addresses

- Relativistic Heavy Iron Collider
- Ms. Patricia Brookhaven
- City of Upton, City Hall

Indian Dancers To Perform Saturday

Tickets are still available for the performance by the Battery Dance Company tomorrow, September 9, at 7:30 p.m. in Berkner Hall. Sponsored by BERA's Indo-American Association, the new production, "Purush — Expressions of Man," will feature five of India's most renowned male dancers.

Buy tickets today for $10 for adults and $5 for children, at the BERA Sales Office or from Anand Saxena, Ext. 4844; Ramesh Gupta, Ext. 4805; Animesh Jain, Ext. 7329; or Anant Moorthy, Ext. 7582. At the door, tickets are $12 for adults, $5 for children.

C/W Dance Lessons

The next eight weeks of lessons sponsored by the BERA Country/Western (C/W) Dance Club will be held on Tuesdays, beginning on September 12, in the North Room of the Brookhaven Center. Taught by Judy Cutler, the intermediate class will be held 5:30-6:30 p.m., while the beginner class will be offered at 6:30-7:30 p.m. The cost of each eight-week class is $35 per person, payable in checks made out to the BERA Country/Western Dance Club.

There was insufficient interest in holding a couples class now, so, depending upon demand, it may be rescheduled in the near future.

For more information and to register, call Marilyn Johnson, Ext. 2546.

Bridge Club

The BERA Bridge Club announces its fall duplicate bridge schedule: Games will be held the following Wednesday evenings at 7:30 p.m.: September 13 & 27; October 11 & 25; and November 8, 15 & 29. All games will be held in the South Dining Room of the Brookhaven Center, except for September 27, which will be held in the Recreation Building.

For more information, call Morris Strongson, Ext. 4192.

Tennis Anyone?

Whoever said that there is no such thing as a free lunch? Well, the Tennis Committee will prove that person wrong at the tennis courts at noon on Tuesday, September 12.

There and then, the 1995 tennis tournament winners will be presented with their awards, and, following that ceremony, lunch will be served — free — to all tournament players, tennis-ladder participants and their fans. The rain date is Wednesday, September 13.

Rifle & Pistol Club

The Rifle & Pistol Club meets on the second Wednesday of each month, so the next scheduled meeting is September 13, in Room 202, Bldg. 911B, at noon. For more information, call Otto Jacobi, Ext. 3471.

BROOKHAVEN BULLETIN

Published weekly
by the Public Affairs Office
for the employees of
BROOKHAVEN NATIONAL LABORATORY

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Pianist Jacques Després Opens 1995-96 BERA Concert Series

Highly acclaimed pianist Jacques Després will begin the 1995-96 BERA concert series on Sunday, September 17. The program will be held in Berkner Hall at 4 p.m.

At this concert, Després will discuss and play Modest Musorgsky's *Pictures at an Exhibition*. Originally titled *Hartmann*, this work was inspired by the posthumous exhibit of artworks by Victor Hartmann, a dear friend of Musorgsky. Reproductions of the paintings will be on display in Berkner Hall lobby, and slides of Hartmann's work will be shown as Deprés plays.

This year's BERA concert series also features the internationally renowned Amati Quartet, performing music by Mozart, Schubert and Szymanowsky in a concert scheduled for Wednesday, April 24 at 8 p.m.

Jacques Després is the musical director of Summer Serenades, a four-week, lecture-concert series at the State University of New York (SUNY) at Stony Brook's Staller Center. He earned his master's degree from the Juilliard School of Music and recently completed his doctorate at SUNY at Stony Brook.

Over the last decade, Després has delighted audiences in his native Canada, the U.S. and Europe with unique interpretations of a broad range of composers.

Després' prestigious awards include: The Frank Kopp Memorial Prize at the International Piano Competition, University of Maryland; First Prize, Montreal Symphony Orchestra competition; Musical Academy of Quebec "Prix d' Europe" competition; and the doctoral concerto competition at SUNY Stony Brook.

Tickets for the Jacques Després and Amati Quartet concerts are $14 for adults, and $9 for students and seniors, for each performance.

Four special concerts will also be offered as part of the series, featuring promising young performers who study music at SUNY at Stony Brook. These special concerts will be held at 8 p.m. on the Tuesday evenings of October 24, November 21, February 13 and March 19, and the suggested donation is $6 for each performance.

All of the concerts will be held in Berkner Hall, and tickets for any concert can be purchased at the door. For the Jacques Després and Amati Quartet concerts, tickets may also be purchased in advance from M. Kay Dellimore, Bldg. 185, Ext. 2873.

Jacques Després

Lottery for Carpoolers

Because carpooling helps the environment and saves money and hassles, it really is its own reward. Even so, BNL's Employee Commute Options (ECO) program's Commuter Assistance & Information Service (CAIS) is offering a few more rewards to some of the employees who register their carpool with the CAIS — U.S. savings bonds with maturity values ranging from $50 to $1,000.

The lottery will be held on September 13, and there will be 20 lucky car or van pooler winners.

If you have already registered your carpool with the CAIS, your entry is automatic. But, if you haven't let the office know that you share a ride even once a week, remembering that your spouse or roommate qualifies as a ride-sharer, then call Ext. 2446 to register over the phone.

For more information on starting or joining a car or van pool, or on the other benefits of sharing a ride, such as free defensive-driving classes, call or stop by the office in Bldg. 129T.

Toastmasters Club To Offer Workshop

Beginning Tuesday, September 12, and continuing for seven sessions on the second and fourth Tuesdays of each month, the Toastmasters Club will be offering a workshop on effective oral communication. Meeting from 5:30 to 7 p.m. in the large conference room of Bldg. 475, participants will be asked to give and hear short impromptu and prepared talks, to develop their listening, evaluating and presenting skills. The last session will be on December 12.

The workshop is open to adult BERA members, their families and friends. A $10 per person fee is required to cover the cost of materials and refreshments. For more information about the workshop or Toastmasters, call Beth Lin, Ext. 3372, or Margaret Foster, 473-9129.

Atlantic City Trip

The next BERA-sponsored, one-day trip to Atlantic City will be to Trump Castle Hotel and Casino on the marina, on Saturday, September 23. The initial cost will be $22, but the hotel-casino will give a $10 coin return.

The bus will leave the Brookhaven Center at 8 a.m., with an extra pickup at LIE Exit 63, if requested. After a seven-hour stay in Atlantic City, return will be about 11 p.m.

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

Let's Dance

Care to Cha-Cha and Fox Trot?

Beginners are invited to learn to cha-cha and fox trot, in lessons sponsored by the BNL Ballroom, Latin & Swing Dance Club. Starting September 13, for eight Wednesdays from 6:30 to 7:30 p.m. in the North Ballroom of the Brookhaven Center, beginners' cha-cha and fox trot classes will be taught by Giny Rae and Peter Sciurca, former Empire State Ballroom Champions. If a minimum of 40 people sign up for the class, then the per person cost is $25.

During this dance-school year, the cha-cha and fox trot will be taught in series through the advanced level, so here is your chance to become proficient in two very popular dances.

September 13 also marks the start of two other classes in this series: at 5:30 p.m., beginners' Argentine tango and paso doble; at 7:30 p.m., intermediate lindy and six-count swing.

BNL employees, retirees and on-site contractors, and their families and friends are invited to sign up. To register or for more information, contact: Marsha Belford, club president, Ext. 5053; or Rudy Alforque, vice president, Ext. 4733.

Be Social Soon

The next Saturday Social sponsored by the Dance Club will be held on Saturday, September 23, from 8 p.m. to midnight in the North Ballroom of the Brookhaven Center. All are invited. The suggested contribution is $1 per person, which goes into the club's music fund. For more information, contact John Millener, Ext. 3853.

Softball Party

The end-of-the-year Softball Party will be held on Friday, September 22, beginning at 5:30 p.m., at the Rock Hill Country Club, in Manorville. The cost of $15 per person includes a buffet and music. A cash bar will be available. For tickets, contact your captain or league representative by Friday, September 15.

Weight Watchers

Registration for the next on-site Weight Watchers series will be held on Wednesday, September 13, from noon to 1 p.m. in the South Dining Room of the Brookhaven Center. Depending upon the number of registrants, the fee will be $89 for eight or ten weeks. For more information, call Health Promotion Specialist Mary Wood, Ext. 5923.

Water Aerobics

Water aerobics classes will be held at the Lab pool, at 5:20 p,m., on Tuesdays and Thursdays this fall, sponsored by the Health Promotion Program of the Occupational Medicine Division. The first classes will be on September 19 & 21.

The classes are free, but participants must pay the pool fee of $2 a session or show their season pool pass.

Employees and their spouses may sign up for one or both classes by calling Mary Wood, Ext. 5923.

Cafeteria Menu

Monday, September 11	
Soup: Black bean & cilantro	.90/1.20
A la Carte: Turkey à la king	3.85
Lite: Baked flounder julienne	3.95
Deli: Roast turkey w/stuffing	3.20
Grill: Swordfish teriyaki	3.30
Tuesday, September 12	
Soup: Cream of broccoli	.90/1.20
A la Carte: Meatloaf w/mushroom sauce	3.85
Lite: Chicken w/cranberry glaze	3.95
Deli: Roast pork loin	3.20
Grill: Western omelet	3.30
Wednesday, September 13	
Soup: Chicken gumbo	.90/1.20
Display Cooking: Cajun foods	4.75
Deli: Roast beef w/mashed potatoes	3.20
Grill: Spicy wings w/bleu cheese	3.30
Thursday, September 14	
Soup: Country vegetable	.90/1.20
A la Carte: Ham w/redeye gravy	3.95
Lite: Baked cod w/peach-pepper sauce	3.95
Deli: Corned beef w/boiled potatoes	3.20
Grill: Tex-Mex taco bar	3.30
Friday, September 15	
Soup: Manhattan clam chowder	.90/1.20
A la Carte: Stir-fry beef	3.95
Lite: Stir-fry chicken	3.95
Deli: Ham w/beans	3.20
Grill: Tuna melt	3.30

Arrivals & Departures

Arrivals

Satoru Fujiwara.....Biology
Haixin Huang.....AGS

Departures

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

Dominic J. Ciardullo.....AGS
Shun-Ming Huang.....App. Science
Finn M. Jacobsen.....Physics
Dale A. Norden.....RHIC
Elena M. Sasso.....Budget
Patricia M. Statutch.....Comp. & Comm.

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 Human Resources Division lists new placement notices. The purpose of these listings is, first, to give employees an opportunity to request consideration for themselves through Human Resources Division, 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.

Current job openings can also be accessed via the BNL Home Page on the World Wide Web. Outside users should open "http://www.bnl.gov/bnl.html", then select "Scientific Personnel Office" for scientific staff openings or "Employment Opportunities" or "BNL Human Resources Division" for all other vacancies.

SCIENTIFIC RECRUITMENT - Doctorate usually required. Candidates may apply directly to the department representative named.

POSTDOCTORAL RESEARCH ASSOCIATE - Trained in materials science, with experience in the study of corrosion passive oxide films, and electrochemical behavior of metals and alloys using surface analytical techniques, to study fundamental aspects of corrosion in the Materials Science Division. Contact: Hugh Isaacs, Department of Applied Science.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

MK 3924. PROJECT HEAD, FINANCIAL MANAGEMENT AND ACCOUNTING SYSTEM - Will report to the Associate Director for Administration, and have overall responsibility for planning and assessing the required skills necessary for the Project team, and selecting the software vendor for installation of the Laboratory's new financial management and accounting system. Requires a BA/BS or advanced degree in management and/or accounting, extensive management experience and strong organizational skills. In addition, must have experience in recommending, selecting and implementing administrative systems, experience dealing with all levels of Laboratory management and an in-depth knowledge of various Laboratory administrative systems. Director's Office.

Motor Vehicles & Supplies

93 YAMAHA FZR 1000K MOTORCYCLE - red, white, blue, 4.5k mi., must sell, $7,000 neg. Lou, 369-8481.

93 FORD AEROSTAR MINIVAN - 7-pass., ac, p/w, p/l, am/fm stereo cass., dealer maint., orig. owner, $11,700. Denice, 395-3485.

92 CHEVY BLAZER S-10 4x4 - a/t, ac, full power, new tires, brakes, 46k mi., excel. cond., $13,500. Mike, Ext. 7607 or 422-0232.

90 PLYMOUTH SUNDANCE - 4-dr., a/t, ac, sunroof gar., 91k mi., $3,200. 261-2719.

90 TOYOTA CELICA - 2-dr. coupe, 5-spd., loaded, alarm, excel. cond. Frank, Ext. 3120.

89 HONDA CRX - 5-spd., silver, ac, 45 mpg, excel., $4,500. John, Ext. 7671 or 765-1299.

89 MAZDA 626 - 4-dr., 5-spd., high mi., excel. cond. in/out. Sue, 874-2090.

88 HYUNDAI EXCEL - h/b, 78k mi., red, p/s, p/b, $1,000. Dan, Ext. 3558.

88 OLDS CUTLASS SUPREME - bal. on warr., new batt., tires, excel. cond., $4,000. Tom, 878-5854.

87 SUZUKI SAMURAI - 4wd, new top, $1,600. Phil, 821-1839.

86 FORD - s/w, white, fully loaded, mint, one owner, 51k mi., estate sale, ask. $4,850; '84 Cadillac Eldorado, clean, low mi., runs well, reasonable. 727-7741.

86 TOYOTA CAMRY LE - alum. alloy wheels, sunroof, ac, p/b, p/w, new brakes & starter, well maint., $2,500. James, Ext. 5318.

86 TOYOTA COROLLA LE - 4-dr. sedan, 138k mi., looks OK, runs well. Dave, 751-1474.

86 TOYOTA COROLLA - 4-dr., 5-spd., ac, cruise, am/fm, 95k mi., gar., immac. Bob, 737-1786.

85 DODGE RAM 50 PICKUP - 64k mi., good cond., $1,900. 363-9527.

84 AUDI - needs radiator, great for parts, $500. Lou, 369-8481.

84 MUSTANG - conv., V-6, almost showroom cond., beige/brown top, am/fm cass., a/t, new tires, $4,000 or best offer. 286-3231.

84 NISSAN SENTRA - 2-dr. h/b, 5-spd., 86k mi., ac, p/s, am/fm cass., runs well, $950 or best offer. Ren, Ext. 2045.

84 PONTIAC 6000 LE - runs but needs work, good commuter car, fairly new tires, $475. Ext. 2270.

83 DODGE PASSENGER VAN - just reconditioned by Dodge, full size, windows, ac, cruise, stereo, excel., $3,600. Mike, Ext. 3430.

82 CHEVY VAN - w/windows, new tires, back seats, asking $800. Maryann, Ext. 3849 or 878-0766.

79 OLDS DELTA 88 - runs well, needs muffler, $300 or best offer. Mauro, Ext. 4234.

76 VOLVO 242 DL - 4-spd., runs well, good station car, $900 neg. Steve, Ext. 30'8 or 369-5181.

67 VW BEETLE - extra eng., many spare parts, best offer. Phil, 821-1839.

TRUCK CAP - '92 A.R.E. for Toyota STD bed, excel. cond., orig. $800, ask. $400. Chris, 286-1348.

REPAIR MANUALS - '84 Subaru, $6; '76 Isuzu Trooper, $15. John, Ext. 3292.

TIRES - Michelin, MXV3, 195/60R15, good rubber, best offer. Bill, 924-6940 after 4 p.m.

CAR COVER - water-resist. DuPont Tyvek size 3, fits cars 14'3"-16'8" long, $20. Pete, Ext. 3297 or 821-9547.

TIRES - 2 Goodyear P225/75R14, like new, $40 ea.; 1 Firestone P215/70R14, $20. 698-9274.

SEATS -2, bucket swivel, fully adjustable, $25 ea. Pete, Ext. 5105 or 399-2813 after 5 p.m.

CAP - off Chevy S10 long bed, good cond. Jesus, Ext. 4879 or 286-5403.

SLIDE-ON CAMPER - kit., bath w/shower, awning, good cond., $950. John, Ext. 3302 or 924-0651.

POP-UP TRAILER - 1993, Coleman Cape Cod, sleeps 6, lifted for beach use, glass windows, king-size bed, $5,000. Sue, Ext. 2531.

89 CHEVY CORSICA - 4-dr., 4-cyl., ac, a/t, cruise, tilt, high mi., excel. cond., reduced $2,500. Gabriel, Ext. 2707 or 341-1087.

89 FORD ESCORT - red, needs nothing, 80k mi., m/t, new tires, like new, $2,500; '88 Ford Mustang, p/w, sunroof, new brakes, clean, $2,200. Pam, 474-2792.

89 JAGUAR VANDEN PLAS - burgundy, loaded, sunroof, 82k mi., gar., below Blue Book, $12,000 neg. Bruce, Ext. 7799 or 928-5869.

89 POP-UP CAMPER - Coleman Sun Valley, excel. cond. Tom, Ext. 7287 or 744-4535.

88 OLDS FIRENZA - a/t, full power, cruise, ac, 4-dr., 90k mi., excel. cond., $2,200. Arnie, Ext. 2606.

88 NISSAN PICKUP - 6-cyl., 5-spd., am/fm, cap, 23k mi., $3,800. Charlie, 588-6879.

87 FORD TEMPO - 4wd, 4-dr. sedan, a/t, ac, p/b, p/s, 86k mi., orig. owner, well maint., excel. cond., $3,000. Ext. 2683 or 751-2469.

Boats & Marine Supplies

24' PROLINE - open, 125-h.p., $6,000. 878-6685.

19½' THOMPSON - 1987 cuddy, 140-h.p. Merc. i/o, full canvas, VHF radio, access., Shoreline EZload trailer, excel., $6,495. 698-5332.

19' CRUISERS - fg, 115-h.p. Johnson, tilt galv. trailer, p/winch, $2,100. Jim, Ext. 3372 or 821-0250.

18' HOBIE CAT SAILBOAT - 1990, w/trailer & gear box, $2,800. 473-1456.

16' WELLA - 1970, alum., w/trailer, good cond., $500. Ext. 3696.

16' STARCRAFT - alum., new navy top, 50-h.p. Evinrude, elec. start, trailer w/new elec. winch, set up for fishing, $1,900. 924-6751.

13' BOSTON WHALER - 1986, 40-h.p. Evinrude, trailer, fish finder, new TeleFlex steering, ready for fishing, runs well, $2,100 neg. Joe, 821-5399.

33' HOUSEBOAT - 1969, fg, 318 rebuilt Dana o.d., sleeps 8, sink, stove, frig., h/w shower, good cond. asking $9,500. Tirre, Ext. 3288 or 281-0360.

26½' SPEEDBOAT - custom, 1995, '30s design, mahogany decking, custom-made cushions & covers, $12,500. Steve, 286-1474.

15' CANOE - Coleman, paddles, block carrier, $225. Joe, Ext. 4139.

CRADLE - for 30' sailboat, inexpensive. 473-2473.

Furnishings & Appliances

AIR CONDITIONER - car seat carrier; baby's stroller; baby's crib w/mattress & bedding, neg.; queen size bed. Niu, 345-2686.

AIR CONDITIONER - 6,000 Btu, 7.5A, v.g. cond., $25. Bob, 265-0391.

BED - queen size, frame, boxspring, mattress, excel. cond. Leo, Ext. 3103.

BEDROOM SET - platform bed w/3 drawers, dresser & end tables, $100; desk, $50; d/r table, oak, leaf, 6 chairs, $100; love seat, white, $60. 924-4927.

COUCH - Ethan Allen, $145; matching easy chair, excel. cond., orange/gold plaid, $115. Les, Ext. 2920.

CRIB - white carved headboard, drawer & mattress converts to youth bed, $150; white wood changing table, $50. Bob, Ext. 4895.

DAY BED - Victorian style; 2 twin size love seats; hutch; file cabinets; drafting table; light tables. Rich, 929-8514.

DINING ROOM - pine trestle table, 2 leaves, 6 chairs, $50; bedroom set; 2 chests of drawers; desk & chair, $120 neg. Sue, 727-7404.

DRYER - lg. cap., Sears, gas, almost new, $100. Michael, Ext. 7346.

KITCHEN SET - table w/leaf, Formica top, chrome legs, 4 chairs, wicker back w/chrome legs, $70. Jim, 689-8284.

LIVING ROOM SET - 4-piece; 3-piece Col. bedroom; wedding gown, size 13; gas grill; 2 l/r tables. Ralph or Joyce, 744-8782.

RECLINER - blue, contemp., $200; CD rack, IKEA, $20; cassette rack, $5; over-door ironing board, $15; iron, new, auto off, $15. Kara, Ext. 5658 or 941-9359.

SOFA BED - Jennifer convertible, navy pinstripe, queen size, v.g. cond., new cushions, 2 yrs. old, $300. Steve, Ext. 7236.

SOFA BED - Castro, full size, like new, tweed mat., light blue/white/tan, $275; bar, oak, full-back stools w/cloth seats. Janet, 924-3138.

STOVE - GE, elec. range, self-cleaning oven, time programmable, surface grill, backlight timer, good cond., $130. Eva, Ext. 3701.

STOVE - elec., oven, white/black front, flat-top style, $50; pool filter, D/E, w/1h.p. pump, $75. John, Ext. 3302 or 924-0651.

TABLE - Tell City, d/r, solid maple, 4 side chairs, 2 armchairs, $400; 2 l/r end tables, $100. 929-6692.

TABLE - rectangle, Formica, 4 chairs, wicker back, cushion seats, good cond., $75. Phil, Ext. 3084.

TABLES - coffee & end, 4 pieces, marble & pecan, Mediterranean, good cond., $100. 821-9296 eves.

WASHER/DRYER - Frigidaire piggyback, dryer excel., washer needs work, $200. Joe, Ext. 2898.

WATER BED - queen size, new liner & heater, dark contemp. frame & hdbrd., excel. cond., $90. Donna, 924-9282.

Tools, House & Garden

CHAIN LINK FENCE - 5' tall, 150' long, never used, best offer. Ext. 7502.

HEAT PUMP - Trane Split system, indoor unit, model 165-94-1-G, 5.6 amps, ½ h.p. Harvey, 281-7568.

HUMIDIFIER - 10 gal./day, $30; Sunbeam food proc., $25; mixer w/grinder, bowls, $25. Albert, 727-4884.

LAWN FURNITURE - glass-top table, chairs, chaise lounges, good cond. 325-0447.

LAWN MOWERS - riding, $150; Sunbeam, $50. 281-7844 eves.

LAWN MOWER - Snapper, 30", rider, grass bagger, thatcher, runs well, $450. 286-8582.

LAWN MOWER - Craftsman, 20", rotary, rear bagger, 3.5 reserve power, excel. engine, needs new housing, $40. 751-5868.

SINK - Kohler, pedestal, chardonnay-seafoam green, orig. $750, ask. $300; cinder blocks, 80+, $65/all; changing table, $75. Denise, 395-3485.

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

WATER TREATMENT SYSTEMS - 10, highly rated by Consumer Reports, 1 yr. guarantee. Artie, Ext. 5029 or 696-4863.

Sports, Hobbies & Pets

BIKE - men's, 12-spd., Diamondback GT, red, Shimano gears, excel. cond., $150. Rich, Ext. 7013.

CAMERA - Nikon, F-3/50mm standard lens, 28-70mm wide angle, $375; Nikon F2 Photonic Classic w/135mm lens, $325. 924-8558.

CHESS BOARD - 19"x19", wood, old. Jim, Ext. 2432.

DOG - beautiful, 6 yrs. old, mostly chow, friendly, fluffy, outside only, looking for loving parents. Patti, 475-6452.

EXERCISE BIKE - ProSport, good cond., $50. Joe, Ext. 7762 or 878-0093.

EXERCISER - Body by Jake, used 5 times, $80. Al, 331-1003.

FIGURINES - Kenner Starting Lineup sports, baseball, football, basketball, sell/trade. John, Ext. 4482 or 821-4280.

GUITAR - Celebrity, black, elec., hard case, stand, Piranha amplifier, $200; Crate amplifier, $150, $300/all. 929-6692.

GYM MEMBERSHIP - lifetime, Jack LaLanne, premium gold card, $750. Ext. 2625 or 467-8297.

PHOTOGRAPHY EQUIPMENT - 27" square softbox w/louvres, fits White Lightning Ultra Light, $85. Pat, Ext. 3275 or 298-5648.

POOL TABLE - bar size, slate top, no accessories/legs, $100. George, 878-8177.

Audio, Video & Computer

COMPUTER DESK - hutch top, excel. cond., $50. 581-7656.

PRINTER - Panasonic 24-pin wide carriage, $250; plotter, HP7475A, color pen, $500. Paul, Ext. 7697.

RECORDS - old 78s, Nat King Cole, Fats Brown, Les Brown, Eddie Fisher, etc.; coin & stamp collection. Janet, Ext. 2345 or 929-3910.

STEREO - JVC, double tape, tuner-20 station memory, 5-disc CD, 2 speakers, $240. Niu, Ext. 7607.

STEREO CABINET - $30; TV cart, $30; elec. wok, $10; deep fat fryer, $10; lobster pot, $10; ac, RCA, 8,000 Btu, $200. Joe, Ext. 7762 or 878-0093.

TV W/STAND - 21", orig. $350, ask. $60. Shun-Ming, Ext. 2110.

TV - color, Sylvania, 25", console, remote, perfect cond., $75; wall unit/entertainment center, 67"Hx44"W, $50. 924-4927.

VIDEO GAMES - Sega, 10 games, 2 super joysticks, power add on, $200. Chris, 399-7493.

Miscellaneous

BOAT LADDER - $10; chrome & glass end table, $20; porch rocker, $75. Kathy, 744-2203.

DRAFTING BOARD - 54"x38", pedal adjustment, w/Mutoh machine, built-in desk, $290; desk, wood, w/chair, $75; blueprint machine, make offer. 298-3855.

ENCYCLOPEDIA - Grolier Academic American 1990 edition, 1991-94 yearbooks, like new, orig. $1,400, ask. $425. Frank, Ext. 2022 or 399-3446.

EQUIPMENT FOR HANDICAPPED - wheelchair, port. commode chair, toilet seat, walker, transfer board, call for prices, more. Bill, 924-6940 after 4 p.m.

HIGH CHAIR - Kolcraft, $25; assorted toys; desk w/chair, $25. 929-3235.

BOWLING ALLEY SECTIONS - avail. for workbenches/countertops, approx. 4'x8', $75/ea. Roy, 286-8582.

Free

BUNNIES - two, need good home. Mike, Ext. 3558.

DOG - adopt 3-yr.-old Great Dane, fawn, 110 lbs., not brought up w/children. Al, 331-1003.

FIRE HYDRANT - you pick up. Marc, Ext. 5248.

PRINCETON COPY CARD - to Princeton student, card for library photocopies. Frances, Ext. 4382.

Yard and Garage Sales

CORAM - 9/9-10, plenty of furn., toys, clothes, pool supplies, $1-$2 tables. 27 Amber Lane.

RIDGE - 9/9-10, multi-family sale, baby's items, household, more, 401 Randall Rd.

Car Pools

LIE EXIT 36 - fourth person 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

CENTER MORICHES - older 3-bdrm. house, 1½ baths, lg. l/r, d/r, eik, full bsmt. w/w/d, gar., fully fenced, walk to water & town, nonsmokers, avail. 10/1, $975/mo. plus. 878-6760 eves.

E. PATCHOGUE - 3-bdrm. house, south of S. Country Rd., mint, quiet, gar., bsmt., appl., no pets, no smokers, sec. & refs., $950/mo. + util. Stewart, Ext. 3291 or 589-3020.

E. PATCHOGUE - 1-bdrm. apt., eik, l/r, nonsmoker, no children, all util. & basic cable incl. Bob, 289-1834.

MASTIC BEACH - 2-bdrm. apt., no pets, 15 min. from Lab, $750/mo. incl. all sec. Bob or Liz, 281-2746.

NORTH SHIRLEY - 2-bdrm. house, w/backyard, $850/mo. incl. util., avail. 10/1. 924-0960.

PORT JEFFERSON VILLAGE - small house, fully furn. w/all appl., suitable for 1-2 adults, avail. Oct./Nov.-Apr./May, date neg., $1,500/mo. incl. util. Harriet, Ext. 3484 or 331-7917.

ROCKY POINT - 1-bdrm. apt., l/r-d/r, kitchenette, full bath, carpeting, patio, parking, walk to beach, no pets, $600/mo. incl. all, refs. req. (718) 721-4271 or 821-6698.

SHIRLEY - 3-bdrm. house, 4 mi. from BNL, behind King Kullen off Wm. Floyd Pkwy., close to jr. & sr. high schools, avail. 11/1, must see. Jim, 281-7603.

SOUND BEACH - 1-bdrm. apt., l/r, eik, bath, full bsmt., yard, walk to beach, $600/mo. + util., no pets. Ray, Ext. 3301.

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

For Sale

BAITING HOLLOW - 1+ acre, asking $55,000. Bob, 878-3376.

BRIGHTWATER FARMS, BAYSHORE - 3-bdrm. Col., l/r, kit., den, laundry, 2 full baths, Andersens, new driveway & walks, 2 bay windows, agp, 2 ac, $124,000, 35 min. to Lab. Bill, Ext. 2762 or 665-3782.

CALVERTON - 50'x100', 2-bdrm. cottage, on the lake, skylights, l/r, kit., bath, porch, dock, spectacular view, $115,000. Mike, Ext. 3430.

EAST MARION - 1-acre bldg. lot, adjacent to greenbelt, walk to Sound. 325-0447.

E. PATCHOGUE - South Country Shores, 3-bdrm. ranch, eik, d/r, l/r w/fp, bi-level cedar deck, shed, 135'x100', walk to Bay and marina, $147,000. Fran, 289-0526.

E. PATCHOGUE - 3-bdrm. cedar ranch, south of S.Country Rd., quiet neighborhood, mint cond., $129,500. Ext. 3291 or 589-3020.

E. SETAUKET - 5-bdrm. house, 3 baths, 3 levels, poss. M/D, sliding door, wraparound deck, hardwood floors, 2½-car gar., 3VSD, $192,000, option to rent, $1,650/mo. 689-6495.

HUNTINGTON SOUTH - 4-bdrm. Cape, brick & vinyl, eik, 2 full baths, OHWH, full half-fin. bsmt., f/p, gar., 150-A service, district #3, 70'x100' lot, $148,000. Gary, 549-9113.

HUNTINGTON STA. - mint, 3/4-bdrm. expanded Cape, l/r, d/r, eik, 2 baths, Florida rm., fin. bsmt., fenced yard, immaculate, $169,000. J. Taylor, Ext. 2703.

MASTIC BEACH - 4-bdrm. house, 2 baths, att. gar., ac, pool w/deck, fin. cedar bsmt., dead-end, OHWH, solar hot water, city water, ask. $102,900. Tirre, Ext. 3288.

NORTH SHIRLEY -3-bdrm. ranch, new kit. & bath, new carpet, oak floors, office, fin. bsmt., potential M/D w/sep. ent., igs, $114,900. Denice, 395-3485.

PATCHOGUE - 4-5-bdrm. ranch, exec. area, cul-de-sac, 2½ baths, fin. bsmt., 2-car gar., 18 min. to Lab, $160,000. Marge or Faith, 475-6234 eves.

PORT JEFFERSON VILLAGE - custom-built 4-bdrm., 3½ baths, quiet neighborhood, wooded lot, fin. daylight bsmt. w/sep. ent. 331-4768.

RIDGE - Leisure Village condo, 2 bdrm., 2 baths, l/r, d/r, porch, cac, mint $145,000. 924-4097.

RIVERHEAD - 3-bdrm. mobile home, adult trailer park, 24'x48', 1½ baths, ask. $28,500. Bob, 878-3376.

ROCKY POINT - 2-story chalet, 1.23 acres, very private, 22 Prince Rd., west end, $169,000. Ruth Ann Lutz, Ext. 7774 or 929-6235.

SHIRLEY - 3-bdrm. ranch, new kit., appl., w/d, bsmt., gar., alarm, d/r, fenced yard, many extras, dead-end st., walk to Southaven County Park, $88,000. Jim, Ext. 4150 or 281-0489.

SHOREHAM - 3-bdrm. ranch, 100'x150' prop., play rm., l/r, d/r, eik, w/w, 1½ baths, den w/fp, 2½-car gar., 23'x32'deck, SWRSD, north of 25A. 821-9547.

WADING RIVER - 10-rm. Clarendon Col., on 1 acre SWRSD, many extras, mint cond. 929-6984.

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, $189,000. 929-8323.

YAPHANK - 4-bdrm. L-shaped ranch, lg. eik, fam. rm. w/fp, 1,900 sq. ft, 2-car gar., 100'x200' lot, dead-end street, 6 mi. from Lab, woody area, full bsmt., $139,900. 924-4123.

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

Wanted

APT. OR HOUSE TO RENT - for Oct./Nov. in Wading River area; gar. or barn to rent for automotive storage. Rich, 929-8514.

BABY-SITTER - person to care for our 2½-yr. old, in our house, flexible hrs. incl. daytime. Yannis Ext. 3881 or 341-1038.

BOAT TRAILER - for 17' centerboard sailboat, 1,500-lb. capacity. John, Ext. 7671 or 765-1299.

CELLO - for talented high-school student, good cond., reasonable. Ext. 4538, 924-2012 or 395-5122.

HOME HEALTH-AIDE SERVICE - in exchange for reduced rent, $250/mo., a few hours a day for services for working male. 878-5854.

HOUSE TO SIT - mid-October-mid-Nov., mature couple, refs. Bob, Ext. 5314.

PARENTS & TODDLERS - for on-site parent-toddler play group, meets Wednesdays, beg. 9/16, 9:30-11:30 a.m. in Rec. Bldg. Sarah, 821-2602.

RACQUETBALL PLAYERS - to join BERA League beg. Thurs., Oct. 5. Bob, Ext. 4672, or Lois, Ext. 3315.

ROTOTILLER - gas-powered, mini-size. Harriet, Ext. 2800.

TV & CLOCK RADIO - inexpensive. Vitaly, Ext. 4581 or 381-1090.

SAXOPHONE/TRUMPET - or other wind instrument, beginner, reas., will repair. Ext. 4683, Mon./Tues.

SUNFISH SAILBOAT - any cond. Jim, Ext. 5400 or 878-6098.

TRAP - racoon-size, to borrow. Pam, Ext. 5752 or 286-8380.

Ads left out of this issue due to lack of space need not be resubmitted to appear in the next issue.