BROOKHAVEN BULLETIN
Vol. 47 - No. 40 October 8, 1993
BROOKHAVEN NATIONAL LABORATORY

Hats Off to TQM

Total quality management (TQM) is a workplace philosophy that calls upon management to involve the total staff of an enterprise in ensuring quality operations and quality products. While often in practice at BNL, this philosophy has been given new focus and impetus in the administration of Energy Secretary Hazel O'Leary.

In August, for example, BNL Director Nicholas Samios attended a seminar in Illinois run by the Motorola Corporation, which has been offering TQM training to executives from the U.S. Department of Energy (DOE) and its contractors. To follow up on this, eight BNL staff members participated in a TQM seminar run by Milliken and Company in South Carolina, in September, and attended by about 180 people from DOE and DOE multi-program laboratories.

The BNL delegation included Deputy Director Martin Blume, who observed, "We learned many things that we can use at our own institution and that we will apply."

Actually, as Blume pointed out, "There are parts of the Lab where TQM has already been implemented: in the Safety & Environmental Protection Division, Technical Information Division and, to some degree, the Computing & Communications Division. There are also places where it was implemented, even though we didn't realize it until after this seminar!"

And there's more to come, Blume added. "We are assessing it and expect to find many other places where it is applicable. We will use these techniques to improve both the quality of what we do and the efficiency of our operation."

The Motorola Corporation gave straw boaters to those who completed its August program on Total Quality Management (TQM). Sporting his TQM hat, Laboratory Director Nicholas Samios (back center) joined seven of the BNL staff who participated in a TQM training program run by Milliken and Company in September and who donned caps to identify themselves as the BNL team, which included: (back, from left) Mark Wiesenberg, Head, Computing & Communications Division; Denis McWhan, Chairman, National Synchrotron Light Source Department; Robert Bari, Deputy Chairman, Department of Advanced Technology; W. Robert Casey, Head, Safety and Environmental Protection Division; (front, from left) Deputy Director Martin Blume; Diane Mirvis, Manager, Technical Information Division; and M. Sue Davis, Associate Director for Reactor, Safety & Security. Not pictured is Edward Murphy, Deputy Manager, Plant Engineering Division.

Lab's 1991-92 Water Quality Met Standards for Safe Drinking

Because a couple of the Lab's monthly water-quality reports were sent out an average of two days late, Brookhaven was cited in 1991 and 1992 for what are called reporting violations of the federal Safe Drinking Water Act (SDWA).

Despite the administrative infraction, the Lab's drinking water during that period was safe and in compliance with the health standards established by the SDWA and the New York State Sanitary Code.

Under the act, a reporting violation is issued when water suppliers are not in compliance with the regulations for timely submission of the monthly documentation of the quality of the drinking water. The fact that BNL was one of 23 Long Island water suppliers that violated this administrative regulation was noted by the National Resources Defense Council and reported by *Newsday* on September 28.

So the Lab can avoid such reporting violations in the future, BNL's water-quality reports, which are due at the Suffolk County Department of Health Services (SCDHS) on the tenth of each month, will be expedited.

"In performing our own internal quality assurance of both the data, and the report, the reporting deadline was occasionally compromised," explains Kenneth Davis, General Supervising Engineer in the Plant Engineering Division. "Therefore, we are evaluating how best to streamline the internal review of these monthly reports so as to ensure their delivery to Suffolk County on time."

Currently, the report goes through three levels of review and approval before being forwarded to the SCDHS.

BNL uses approximately 4.6 million gallons of domestic water per day — all of which is supplied by the Lab itself. This makes Brookhaven one of the larger water suppliers in Suffolk County.

To comply with the SDWA and New York State Department of Health regulations, the Lab undertakes a comprehensive sampling and analysis program, as approved by the SCDHS. This program includes: monthly monitoring for bacteria, quarterly analyses for principal organic com-

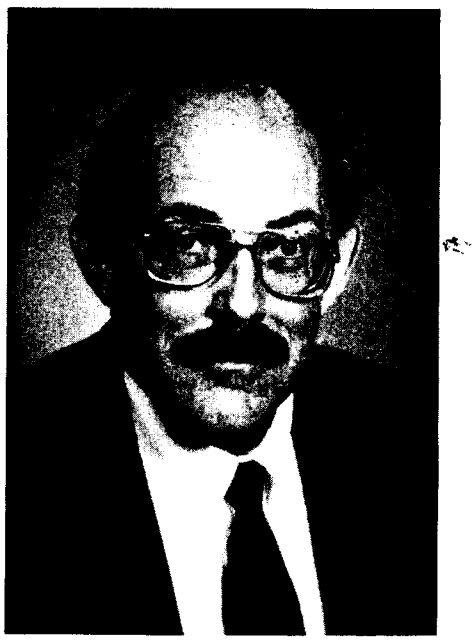
(continued on page 2)

Karl Swyler Picked to Head Educational Programs

Karl Swyler was appointed Manager of the Office of Educational Programs (OEP) effective October 1. He had served as Acting Manager since the former head of OEP, Donald Metz, retired on April 30.

In announcing Swyler's appointment, Mark Sakitt, BNL's Assistant Director of Planning and Policy, commented, "Karl brings to the position 17 years of experience in running, coordinating and creating educational programs. For the last several years, he has focused his activities on the critical precollege programs, an area of increased Department of Energy interest and support."

Each year, OEP, in collaboration with other BNL organizations, provides educational services to about 4,000 people, through more than 20 science education programs for both students and teachers, from elementary to postgraduate levels. The OEP staff includes Renée Flack, Bill Lynch, Dawn Mosoff, Catherine Osiecki and Robert Thomas.



Karl Swyler

Swyler credits his staff, predecessor Don Metz, and numerous volunteers at BNL — including scientific and support staff — for making OEP initiatives successful.

"I've worked in many settings, but I've never before witnessed the enthusiastic spirit of volunteerism that we have at BNL," said Swyler. "I am fortunate to be able to work with such caring people. As head of OEP, I hope to be able to provide a focus for their efforts."

Swyler came to BNL in 1974, a year after earning his Ph.D. from the University of Rochester's Institute of Optics. Before going to graduate school, he had worked for Xerox Corporation from 1964-68, where he was involved in the early development of xeroradiographic techniques for the then emerging medical x-ray technology, mammography.

(continued on page 2)

BNL Lecture: Lab History — The Early Years

After World War II, when northeastern universities were debating a central site for the new, large-facility laboratory, how did I.I. Rabi's talent for political gamesmanship keep New York in the running as their geographical center? And, in the summer of 1946, well after Camp Upton had been discarded from the 17 contending sites for a new laboratory, why did it suddenly leap back into first choice?

What was "BeV Day"? How about the original reason for a "T" to prefix certain building numbers on site? Who saved BNL's life sciences program from going under? And just what impact did Mariette Kuper's martinis have on the Cosmotron dedication ceremony in December 1952?

Details like these add liveliness and color to Brookhaven's ground-breaking and award-winning scientific past. BNL Historian Robert Crease will draw on his wealth of knowledge about the Lab's scientific endeavors as well as his store of fascinating, little-known BNL memorabilia when he delivers the 290th Brookhaven Lecture.

Crease, who is also a professor of philosophy at the State University of New York at Stony Brook, will talk on the "History of the Laboratory, Part I: The Early Days," at 4 p.m. on Wednesday, October 13, in Berkner Hall. The speaker will be introduced by Lab Director Nicholas Samios.

Robert Crease — **Photos on this page by Roger Stoutenburgh**

In his lecture, Crease will discuss the influence of politics, people, instruments and science on the conception,

(continued on page 2)

In Hand-to-Hand Combat With Gravity

"All physicists are interested in the forces of nature," said Mike Brennan of the Alternating Gradient Synchrotron Department, "but physicists who juggle get a unique opportunity to try hand-to-hand combat with one of these forces — gravity!"

Brennan, a physicist and spare-time juggler, started his unusual hobby in an appropriately unlikely place — he learned from a professional juggler who taught in the graveyard of Trinity Church on Wall Street.

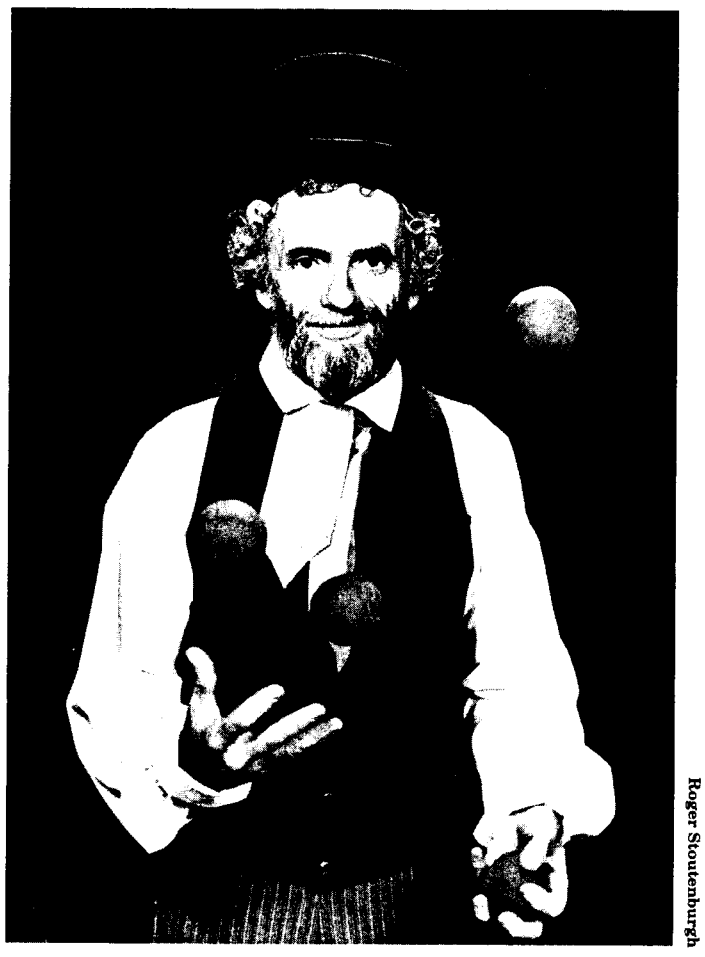
"Anyone can learn, you just need to enjoy a challenge," he said. "Before you get it right, you have to do it wrong at least 100 times."

But, if a juggler misses a trick, Brennan said, at least one part of the audience will be delighted. "Little kids — like mine, who are four and eight — would much rather see you hit on the head by whatever you're juggling with than see you do it right," he commented. "And they love jumping in on you to spoil the pattern." In spite of this, Brennan's preferred audience is little kids — "the ones who are so young they don't know quite whether they are watching a skill or real magic," he said.

Kids and kids-at-heart will be able to enjoy watching Brennan tomorrow, as he is taking two Saturdays to be one of the volunteer strolling jugglers at the annual Long Island Fair starting today at Old Bethpage village restoration, LIE Exit 48. The fair runs from 10 a.m. to 5 p.m., through this weekend, October 8-11, as well as October 14-17.

A tradition dating back 150 years, the Long Island Fair is the oldest on Long Island and recreates the time of the 1870s. For only $6 for adults and $3 for seniors or children, fairgoers can park free and view the prize crafts, food and agricultural products on display, hear band music, ride elephants and ponies, play games, see puppet shows and stilt walkers, enjoy the village restoration — and see jugglers.

"This is the first time I'll have participated in this fair," said Brennan, "though I was in the Long Island Spring Festival held in Old Bethpage earlier this year. The strolling jugglers often interact with members of the crowd, especially if there is a fellow juggler who would like to compare or improve his or her technique. Jugglers never mind explaining a trick, because by the time a learner can do it, the teacher has developed something even better."



Roger Stoutenburgh

Mike Brennan, dressed as an 1870s strolling juggler for the forthcoming Long Island Fair at Old Bethpage village restoration.

Brennan has always been fascinated by the circus. "In my backyard, I have a tightrope and several unicycles, which I do a lot of practice on," he said.

Should he ever want an even greater challenge, perhaps Brennan will defy gravity with all his hobbies at once, unicycling along his tightrope while performing his juggling act. — Liz Seubert

Payroll to Start Electronic Deposit

The availability of electronic direct deposit of paychecks is scheduled to begin in January 1994.

Employees who elect electronic direct deposit will have net-pay amounts wired directly to their selected bank accounts, rather than personally receiving checks. Under this new system, direct deposit checks will no longer be mailed to banking institutions.

Employees who have already elected to have their paychecks automatically deposited directly into their banks or at the Teachers Federal Credit Union do not have to do anything in order for this service to continue electronically.

Those who completed authorization forms in the beginning of the year do not have to sign up again now unless there have been changes in their bank accounts during the interim period.

Employees who would like to enroll for this service now and participate in the first pay cycle, which will begin with the weekly pay date of January 7, 1994, and the monthly pay date of January 31, 1994, must complete an authorization form by the end of this month.

For forms or more information, contact Payroll, Bldg. 134J, Ext 2470.

Film badges will be changed tomorrow. Please place your badge in its assigned rack space before leaving work today.

Swyler (cont'd)

At BNL, Swyler began his career in the Physics Department as an assistant physicist, performing basic studies in radiation damage. In 1976, he transferred to the Department of Applied Science, and he was promoted to associate physicist in 1977. In 1980, he became a physicist and moved to the then Department of Nuclear Energy.

As a physicist, Swyler often acted as a mentor for students on the job. Recently, he served as a volunteer in the Introduction to Computers course, which BNL offers in partnership with several local school districts and community organizations, with emphasis given to minority students.

Swyler, who joined the staff of OEP in 1988, said that long before OEP was formed in 1985, "BNL was a pioneer in science education. As early as 1958, the Laboratory recognized the importance of interacting with science teachers. At that time, Gertrude Goldhaber started an in-service course for high school teachers.

"In 1968, we established the seminal Brookhaven Semester Program, to give opportunities to minority students from historically black colleges and universities," he added, "and, in the late 1970s, we began bringing teachers into research positions. Since then, there have been many new initiatives."

Swyler will continue to be open to new ideas in science education, but, he said, "We shouldn't forget our traditional strengths — apprenticeships, in which students learn directly from researchers in the field, experiencing firsthand the pitfalls and the false starts of science, as well as the excitement of discovery."

He also plans to keep in contact with the students. "There have been a lot of good, solid students in our programs, not only middle-class, suburban children, but kids from the less affluent inner city. They have great potential, and it is OEP's job to foster it."

"I remember myself as a science student," continued Swyler, "There's a rush you get when you first really understand a simple, fundamental scientific truth. Wars, revolution, social upheaval, people in the news — these things change, but Maxwell's equations will always hold true. Seeds will grow under the right conditions, no matter who plants them. Certain things are permanent. Science is one of them." — Diane Greenberg

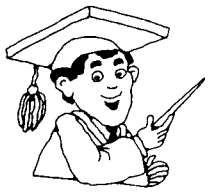
Water (cont'd)

pounds, and annual testing for heavy metals, pesticides and radioactivity. In total, each supply well and the water-distribution system is tested by a state-approved, independent commercial testing laboratory for over 100 potential contaminants each year.

"Under the state Sanitary Code, when water-testing labs find any violations of health standards, they are required not only to notify the water supplier, but also to report the violations to the Suffolk County Department of Health Services," explains Barbara Royce, Environmental Compliance Group Leader of BNL's Safety & Environmental Protection. "So, the appropriate authorities are notified of any and all health violations by testing laboratories before they are informed by the water suppliers in their monthly reports."

The results of this testing are reported monthly to the SCDHS in a 10-60 page document and summarized annually in the Lab's Site Environmental Report, which is available to the public. — Marsha Belford

AUI Scholarship Alert



Applications for the 1994 AUI Trustee Scholarships can now be obtained from the Office of Scientific Personnel. Children of regular employees of BNL are eligible to compete for up to 14 AUI scholarships, each for $2,500 per year renewable for up to four years of study toward an academic degree.

In addition, up to three scholarships may be awarded to BNL and National Radio Astronomy Observatory (NRAO) employees' children who are Black, Hispanic or Native American. One such scholarship is open to qualified children of employees at BNL and another for children of NRAO employees. One may be awarded to an additional applicant from either institution.

Qualified applicants are: children of BNL employees who began regular, full-time or regular, eligible part-time employment no later than November 15 of this year and who are employed by BNL at the time the award is announced; or children of retired employees who died while in regular service at the Laboratory. Stepchildren are eligible if the employee regularly claims the child as a dependent for income-tax purposes.

Also beginning this year, a stepchild who has resided in the employee's household for the two-year period immediately prior to application is also eligible.

Applicants must be secondary school seniors who will be graduating during the current academic year and entering college by fall 1994.

For further information, contact the Office of Scientific Personnel, Bldg. 185A, Ext. 3336.

BNL Lecture (cont'd)

birth and early days of BNL as a national laboratory. The politics involved a new government enthusiasm for supporting science following World War II. People who exerted a formative influence on the Lab included I.I. Rabi, Norman Ramsey, Donald Van Slyke and Leland Haworth.

Instruments such as reactors were key to the Lab's creation, Crease will explain, as they had grown to a size unsupportable by universities, making national facilities necessary. And these instruments, in turn, had become important thanks to the growing scientific interest in neutron and particle physics.

Robert P. Crease's interest in science and its history began while he was working on his Ph.D. in philosophy, which he received from Columbia University in 1987. He was able to combine the fields in 1982, when, with Charles E. Mann, he wrote an article about BNL's ISABELLE Project for *The New York Times Magazine*. Among the coauthors' other publications was the bestseller, *The Second Creation: Makers of the Revolution in Twentieth Century Physics*, which was translated into several languages and nominated for a Pulitzer Prize.

Crease is a contributing correspondent for *Science* and writes the annual "Overview" article for the *Encyclopedia Britannica Year Book of Science and Technology*. He has also published a series of articles on BNL's history in the *Long Island Historical Journal*, put out by the History Department at Stony Brook. Crease joined Stony Brook in 1987.

As Lab Historian since 1989, Crease is eager to be contacted by anyone with reminiscences, information or correspondence to share pertaining to BNL history. He can be reached on Ext. 2364. After the lecture, all are invited to join him for discussion and refreshments. To accompany Crease to a dinner at a restaurant off site, call Martin Woodle, Ext. 2521.

Healthfest '93 Begins Monday

Healthfest — BNL's first celebration of personal health, fitness and safety — will take place next week, including the following events:

- **2-mile Fitness Walk** — Monday, October 11, noon to 1 p.m., start at Science Education Center, Bldg. 438, preregistration required.
- **5-kilometer (3.1-mile) Fitness Run** — Tuesday, October 12, noon to 1 p.m., start at Medical Department, Bldg. 490, preregistration required.
- **Health, Fitness & Safety Fair** — Wednesday & Thursday, October 13 & 14, 11 a.m. to 2 p.m., Berkner Hall, preregistration required for foot screening.
- **"Back to Back Basics Workout" Lecture and Demonstration** — Wednesday, October 13, noon to 1 p.m., Berkner Hall, preregistration required.
- **"Fats, Cholesterol and the Wary Consumer" Lecture** — Thursday, October 14, noon to 1 p.m., Berkner Hall, preregistration required.

For registration forms, see last week's Bulletin or the recent *Healthfest* mailing to all employees. For more information, call Gary Kaczmarczyk, Ext. 4532, or Mary Wood, Ext. 5923.

Patti Bender, Plant Engineering Division, was convinced by the Convincer. Will you be? Find out at the *Healthfest* Health, Fitness & Safety Fair, on Wednesday and Thursday, October 13 & 14, 11 a.m. to 2 p.m. in Berkner Hall.

Roger Stoutenburgh

Software Demo

On Wednesday, October 13, at 1:30 p.m. in the CCD seminar room, Bldg. 515, representatives of the MacNeil-Schwendler Corporation will discuss the recently introduced MSC/EMAS 3D electromagnetics solver and the most recent version of the MSC/NASTRAN structural analysis solver. Both software packages are installed on CCD computers and available free of charge site-wide for a one-year trial.

For further information, contact Peter Cameron, Ext. 7657.

Arrivals & Departures

Arrivals

William B. Christie ..... RHIC
Susan A. Cuevas ..... Budget
Andrew N. Gifford ..... Medical
Walter L. Kehoe ..... RHIC
Olaf M. Magnussen ..... Physics
Timothy P. Sailer ..... Saf. & Env. Prot.
Pingzhong Tan ..... Chemistry
Xijie Wang ..... NSLS
Nicholae V. Zamfir ..... Physics
Qing Zhu ..... Physics

Departures

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

Michael D. Bolotine ..... RHIC
Robert M. Brugger ..... Medical
Jean C. Byrne ..... Staff Serv.
Vincent E. Chiampou ..... Chemistry
Eugene S. Cooper ..... Dir. Off.
Claire Fleece ..... Saf. & Env. Prot.
Mary J. Glynn ..... Staff Serv.
Stephen Gracia ..... Cent. Shops
James R. Grover ..... Chemistry
Lazarus G. Ratner ..... AGS
Kenneth E. Robins ..... RHIC
Zhao Y. Rong ..... Physics
Andrei V. Rylin ..... Physics
Jane K. Setlow ..... Biology
Genshen Zhao ..... RHIC

Attn: Retirees

In November — just in time for card writing during the holiday season — the Bulletin will publish its annual Special Edition updating retirees names and addresses.

We'll have room for some greetings and photos that you may wish to share with the BNL community.

Send them with your name, life number and phone number to the Brookhaven Bulletin, BNL, Bldg. 134, P.O. Box 5000, Upton, NY 11973-5000.

To consider your submittal for publication, we must receive it by Friday, October 29. It may be edited and will be published as space permits.

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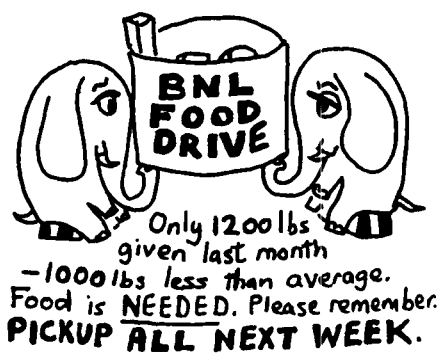
Tango New York

BNLers, their family and friends are invited to join the BNL Ballroom, Latin & Swing Dance Club on a trip to waltz, tango and swing at Roseland — the historic ballroom in New York City.

Scheduled for Sunday, November 7, the ballroom-bound bus will leave BNL at 12:45 p.m. to arrive at Roseland at the opening time of 2:30 p.m. A Chinese restaurant and a bar are available at the dance hall, or refreshments can be found in the neighborhood. After five hours of dancing, BNL's contingent will board the bus at 7:30 p.m., to return to the Lab around 9 p.m.

The total cost is $21 per person for the luxury coach with bathroom and group-rate Roseland ticket, payable by check to the BNL Dance Club. For reservations, call Liz Seubert, Ext. 2346, or Marsha Belford, Ext. 5053.



Note to Employees:

Attendance at lectures, meetings and other special programs held during normal working hours is subject to supervisory concurrence.

Bridge Club

The next meeting of the BERA Bridge Club will be on Tuesday, October 12, at 7:30 p.m., in the Brookhaven Center. All those interested may call Willem van Asselt, Ext. 7778, or Jean McAlary, 929-4741.

Ring Road Closed To Recreational Use

Because of RHIC construction, walking, jogging, skating, cycling and other recreational activities are no longer advised for Ring Road. Since an assortment of heavy equipment is operating both on and off the roadways, nonessential traffic should avoid the inner ring area, observe the posted orange construction signs, and use caution when traveling near the intersections of Railroad Street and Fifth Avenue, and Railroad and Ring Road.

For more information, call Stephen Musolino, Ext. 4211.

Bowling

Red/Green League

E. Beadle bowled a 269/631 scratch series, K. Koebel 232/605 scratch, H. Arnesen 231/200/629 scratch, M. Guacci 229, R. Larsen 226, F. Griswold 217, R. Prwivo 214/202, E. Larsen 214, A. Warkentien 213, E. Sperry IV 210/207/609 scratch, R. Wiseman 210, C. Bohnenblusch 208, A. Pinelli 205, K. Asselta 203, R. Mulderig 202.

Purple League

Manny Dador bowled a 219, Tirre Farmer 206, Maryanne Reynolds 201, Mary Adessi 186/170, Denise Monteleone 170. Maryann Reynolds converted the 1/5/10 split, N. Besemer converted the 6/7/9/10.

White League

Joe Sheehan bowled a 225, Jim Goode 206/183, Ann Wynkoop 200, Gerrie Riker 188, Lorraine Roecklein 190/171, Caryl MacDougall 181. Sue Cataldo converted the 5/7 split, Kevin Carney converted the 2/4/10 split, Bob Geib converted the 4/10, Vito Manzella converted the 5/7 split.

Volleyball

The Volleyball League will hold a referees' clinic on Monday, October 11, from 5:30 to 7 p.m. in the gym. A representative from each team should attend to become familiar with BNL rules. In addition, anyone interested in refereeing games may attend.

Team fees of $90 for the 1993-94 season must be paid to Gary Smith, Bldg. 911C, Ext. 3473, by noon on Monday, October 18.

The Open League and League II will begin on Monday, October 18. Leagues I and III will begin on Wednesday, October 20. Captains who have not received schedules should contact Terry Sullivan, Ext. 2840, or Susan Pepper, Ext. 2184.

Reports Available

The following reports are available to Lab staff and affiliates of DOE, AUI and NRC. Others may purchase them from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, VA 22161. Staff members should call the designated contact.

BNL-52382
Contact: J. Giesler, Ext. 2380
A Draft Preconceptual Design for a Spallation-Induced Lithium Conversion (SILC) Target for the Accelerator Production of Tritium (APT). G.J. Van Tuyle, D. Cokinos, C. Czajkowski, E.M. Franz, P. Kroeger, M. Todosow, R. Youngblood, M. Zucker

BNL-52384
Contact: M. Chaloupka, Ext. 2746
Thermal Degradation of Concrete in the Temperature Range From Ambient to 315°C (600°F). M.K. Kassir, K.K. Bandyopadhyay, M. Reich

BNL-52386
L. Dudzick, Ext. 2954
Epidemiology of Fatal and Nonfatal Injuries in the Avianca Plane Crash Avianca Flight 052 — January 25, 1990. J.I. Barancik, C.F Kramer, H.C. Thode Jr., C.J. Kahn, J. Greensher, S. Schechter.

Roger Stoutenburgh

BNL Team Races To First Place

Congratulations to the Brookhaven National Laboratory Team from the BNL Roadrunners Club! The team took first place in the corporate division of the Ocean to Sound Relay on September 26, and was ranked ninth overall among 128 teams for the day — their best placings to date.

Taking only 5 hours, 11 minutes, 18 seconds, to pass the baton along a 50-mile course winding from Jones Beach to Cold Spring Harbor were: (kneeling, from left) Don MacKay, Rich Ferrieri; (standing, from left) Mel Cowgill, Ed Meier, Jennifer McNerney, Paul Geiger; (not shown) Ed Gallagher and Trevor Sears.

Out of 18 corporate entries, a second BNL entry — the Armed & Dangerous Team from the Safeguards & Security Division — came in ninth, with a time of 6 hours, 22 minutes, 11 seconds. Congratulations to: Ken Baumeister, Charlie Edwards, Matt Harrington, Mike O'Connor, John Pagano, Helmut Thiel, Rich Thorp and Danny Wilkins.

The proceeds of this year's relay, sponsored by Spiegel Associates, were dedicated to ASPIRE, an organization concerned with the rehabilitation of lower-limb amputees.

Cafeteria Menu

Monday, October 11

Soup: Split pea	.80/1.10
A la Carte: Broccoli PizzAmore	2.75
Fitness Fare: Pasta w/steamed veg.	3.25
Deli: Pastrami sandwich	2.95
Grill: Reuben platter	2.95
Fitness Salad: Tomato & mozzarella cheese	

Tuesday, October 12

Soup: Beef & mushroom barley	.80/1.10
A la Carte: Italian sausage hero	3.25
Fitness Fare: Bean & eggplant casserole	3.20
Deli: Roast beef sandwich au jus	2.95
Grill: Chicken teriyaki w/rice	3.35
Fitness Salad: Chef's tuna bowl	

Wednesday, October 13

Soup: Potato-kale w/red pepper	.80/1.1.0
A la Carte: Yankee pot roast w/veg.	3.35
Fitness Fare: Baked lemon chicken	3.45
Deli: Virginia ham sandwich	2.95
Grill: Monte Cristo	2.95
Fitness Salad: Fresh fruit	

Thursday, October 14

Soup: Hearty three-bean	.80/1.10
A la Carte: Veal Parmesan w/veg.	3.35
Fitness Fare: Vegetarian plate	2.35
Deli: Corned beef sandwich	2.95
Grill: Philly cheese steak	2.95
Fitness Salad: Turkey Waldorf platter	

Friday, October 15

Soup: Manhattan clam chowder	.80/1.10
A la Carte: Catch of the day	3.50
Fitness Fare: Display cooking	
Deli: Roast turkey sandwich w/gravy	2.95
Grill: Tuna melt platter	2.95
Fitness Salad: Chef's salad	

Fresh fruit & cereal breakfast bar daily.

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.

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

POSTDOCTORAL RESEARCH ASSOCIATE - Trained in biochemistry, with experience in protein purification and enzymology of photosynthetic processes, to conduct research on protein kinases and phosphatases of the thylakoid membrane in higher plants. Contact: Geoffrey Hind, Biology Department.

POSTDOCTORAL RESEARCH ASSOCIATE - Trained in physical or analytical chemistry, with experience in the use of techniques for surface characterization, to participate in studies of the structural, electronic and chemical properties of metal and metal-oxide surfaces. Contact: Jose Rodriguez, Chemistry Department.

POSTDOCTORAL RESEARCH ASSOCIATE - Trained in chemistry, with experience in UHV vacuum techniques, surface-science techniques or lasers, to participate in a research program focused on UV/VUV photodesorption of molecules from cryogenic surfaces. Contact: Michael White, Chemistry Department.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

MK 2409. SPONSORED RESEARCH CONTRACTS ADMINISTRATOR - Requires an MS in molecular biology, chemistry or chemical engineering; experience in intellectual property licensing; and excellent analytical, marketing, organizational and negotiating skills. Will be responsible for conducting market evaluations of invention disclosures, developing market and business analyses for potential technology-commercialization projects with industry, marketing intellectual properties to licensees and industrial collaborators, and negotiating these agreements with industry. Office of Technology Transfer.

DD 2732. STATIONARY ENGINEER, SR. - Requires demonstrated experience in the maintenance, repair and operation of high-pressure boilers firing #6 oil. Knowledge of computer-based plant control systems and instrumentation is required. An engineering degree, current stationary or marine engineer's license is highly desirable. Plant Engineering Division.

Motor Vehicles & Supplies

91 HARLEY SPORTSTER DELUXE 883 MOTORCYCLE - candy red, w/$1,000 in extras, 3k orig. mi., mint cond., $5,700. Lloyd, Ext. 5225.

90 TOYOTA 4 RUNNER - SR5 pkg., 53.5k mi., ac, V-6, 4-dr., 5-spd., drk. green/tan, excel. cond., $15,000 neg. Larry, Ext. 3506 or 281-2002.

89 DODGE DAKOTA SPORT TRUCK - 4wd, a/t, ac, loaded, immac. Bob, 929-8467.

89 GMC S-15 PICKUP - 7' bed w/liner, new paint, tires, shocks, brakes, fwd, mint, ask. $10,000. Russ, Ext. 2419.

88 CHEVY CORSICA - 4-cyl., a/t, p/s, p/b, ac, am/fm, 97k hwy. mi., good cond., $2,950 neg. Judith, Ext. 7445.

88 CHEVY ASTRO VAN - fully loaded, 8-pass., 113k mi., excel. cond., must sell, $4,900 neg. Zal, Ext. 7598 or 395-4220 eves.

87 VW SCIROCCO - 16V, red, loaded, am/fm cass., sunroof, 5-spd., orig. owner, $5,900. Steve, 289-9002.

87 GMC JIMMY 4x4 - 5-spd., ac, p/b, p/s, tilt, cruise, defroster, high highway mi., gray, excel. cond., $5,900. Viorel, Ext. 7104.

87 DODGE SHADOW - 4-dr., ac, p/s, p/b, 5-spd., 73k mi., excel. cond., asking $3,400. John, 467-5827.

86 NISSAN SENTRA - 48k mi., p/s, p/b, ac, am/fm, 2-dr. h/b, one owner, excel., $3,000. George, Ext. 2296.

86 TRANS AM - black, T-top, fully loaded, excel. cond., 305 eng., asking $5,800. Gina, 563-4468.

86 LE BARON GTS - h/b, 4-dr. Turbo Sport Premium, all options, int. leather, Clarion audio, new tires & brakes, low mi., excel. Ann, Ext. 5740 or 744-8386.

85 RENAULT ENCORE - white, good body, new tires, orig. owner, 140k mi., runs well, $600. Neva, 728-5136.

85 FORD ESCORT - a/t, ac, s/w, good shape, runs well, $1,400. Joe, Ext. 5320.

84 FORD TEMPO - 4-dr., 5-spd., ac, p/s, p/b, am/fm cass., cruise, new tires, orig. owner, excel. cond., $1,500. Al, Ext. 5128.

83 CHEVETTE - runs well, reliable transportation, $550. Carl, Ext. 3354 or 929-5781.

81 CAMARO - new V-6, clutch, rn/t, sunroof, asking $1,800 or best offer. Rich, 363-6845.

77 FORD LTD - 4-dr., a/t, p/s, p/b, 136k mi., $350 neg. Dannie, Ext. 4581.

75 GMC 4X4 PICKUP - rebuilt trans., new engine, Holley 4 bbl double pumper 750, asking $7,000 neg. 821-5418.

75 FORD VAN - runs well, needs body work, must sell, $300 or best offer. Vinny, 582-6241.

72 OLDS CUTLASS - 4-dr., 45k orig. mi., runs well, gar. in Queens, $2,000. 473-6546 or 212-219-2652.

70 CHRYSLER NEWPORT - 4-dr., p/s, p/b, ac, 100k+ easy mi., runs well, $1,500 neg.; new radial on Honda rim, 165R13, $25. Joe, Ext. 4826 or 821-3762.

62 STUDEBAKER LARK - 6-cyl., 2-dr., v.g. cond., $1,300; '65 Chevy carryall, 4wd, V-8, 4-spd., $200. Frank D., Ext. 2022 or 399-4480.

FORD F25 VAN - extended, excel. work van, new tires, runs well. 654-5717.

CAR-TOP LUGGAGE RACK - for VW Rabbit, $4. Ext. 4348 or 751-0636.

HEADLAMP - H6054, new GE Halogen, low & high beams for Honda Accord, $8 or best offer. Cheryl, Ext. 2272 or 732-7634.

HEADLIGHTS - high beam Sylvania Halogen, H4651, new, $5/pr. Loralie, 588-0445.

RIMS - 4 Chevy & Classic 78II, steel-belted tires, P195/75B14, never used, $200. 878-1617.

TIRES - 2, 950x16.5LT snows, like new, mounted on 8-lug wheels, $150 for both. Joe, Ext. 5409.

TIRES - 4, Cooper Discoverer Radial LT, 31x10½x15 on 5-lug chrome/black rims, less than 8k mi., $250. Jim, 474-1302.

TRUCK CAP - fits small pickups, $175. 447-2655 eves.

UTILITY TRAILER - box-type, 81"Lx63"Wx25"H, good for surfboards, kayaks & gear, $175. Ernie, Ext. 5092 or 281-7873.

91 MERCURY TRACER LTS - 4-dr., a/t, ac, 12k mi., excel. cond., $8,500. Eric, Ext. 5875.

90 MITSUBISHI PICKUP - 5-spd., cap, ac, gar., 80k mi., excel. cond., must sell, $2,800. 368-0934.

90 TOYOTA COROLLA DX - 4-dr., 5-spd., white, ac, stereo, new tires, excel. cond., $6,395. Tom, Ext. 4037 or 744-8338.

89 EAGLE PREMIER - 55k mi., 7/70 warr., p/s, p/b, ac, excel. cond., $6,000. David, Ext. 4587.

88 FLEETWOOD MOTOR HOME - 27', class C, 33k mi., clean, many extras, $21,995. Jud Davis, 473-0495.

88 FORD CROWN VICTORIA - white, blue int., full equip., excel. cond., $4,900. 751-2149.

88 ISUZU TROOPER II - 4wd, 5-spd., 4-dr., ac, am/fm cass., new tires, low mi., excel., $7,300. 722-3905.

87 NISSAN MAXIMA - 4-dr., sunroof, ac, tape, 80k mi., excel. cond., $5,500. 473-2473.

87 VW GOLF - ac, new tires, shocks, muffler, good mech., excel. body, 125k mi., $1,975. Steve, Ext. 4008.

87 KZ305B2 MOTORCYCLE - 2-cyl., 13,312 mi., tune up on 7/1, new Bach tire, $800. 367-6684.

85 PORSCHE 911 - conv., Carrera Cabiolet, white/black leath. int., new 16" Yoko-ZR16 tires, new brakes & sensors, ac, p/b, p/w, p/s, mint. Jim, 289-0876.

85 OLDS CUTLASS SUPREME - 2-dr., V-6, 104k mi., excel. cond., must sell by Oct. 26, asking $2,400. Horst, Ext. 7179 or 286-4234.

85 200SX - red, w/gray, new tires, a/t, ac, p/w, non-turbo, new cat., h/b, excel., $2,250 neg. Ed, Ext. 7649.

85 NISSAN 200SX - 5-spd., orig. owner, ac, am/fm, excel. cond., $2,800. Vasilis, Ext. 2830.

84 TOYOTA COROLLA SR5 - well maint., orig. owner, a/t, ac, p/s, p/b, am/fm cass., sunroof, extras, asking $1,950. 878-1617.

84 PONTIAC GRAND PRIX - ac, p/s, p/w, 53k mi., excel. cond., $3,000. John, 727-0091.

84 DELTA 88 OLDS - V-8, a/t, ac, 2-dr., all power, tape, am/fm, $1,590. Tom, 744-8338.

83 CHRYSLER NEW YORKER - 4-dr., a/t, p/b, excel. cond. in/out, engine seized up, asking $750. Ext. 2040 or 924-3641 after 6 p.m.

83 FORD LTD - s/w, 82k mi., front-end damage, good for parts. Edwards, Ext. 4308.

82 RABBIT - 5-spd., new clutch, battery, tires, struts, $500 neg.; sun visor, new in box, for '82 & up Ford Rangers, $30. 874-2838.

82 HONDA CIVIC WAGON - 5-spd., ac, great gas mi., good cond., $1,200. Gary, Ext. 3751 or 589-5490.

80 HONDA PRELUDE - for parts, good motor, needs rear strut assemblies. Andres, Ext. 2981.

80 BLAZER K5 - 250 6-cyl. eng., p/s, p/b, cb, stereo radio cass. w/power booster, body excel., runs well, all new parts, $2,500 or best offer. 924-8558.

68 MUSTANG - 8-cyl., classic, seafoam green, many new parts incl. $2,000 or best offer. 473-1456.

TRAILER HITCHES - class III w/head & ball bolt on, $50; 2 class A w/ball, $20 ea. Ed, Ext. 4561.

The Brookhaven Bulletin is printed on paper containing at least 50 percent recycled materials, with 10 percent post-consumer waste.

67 INTERNATIONAL SCOUT - w/plow, 8-cyl., 4wd, 3-spd., 4 excel. rims & tires, buy whole or parts; '84 Mustang parts. Joe, Ext. 3120 or 929-0668.

RIMS & TIRES - 13", for Toyota and/or Nissan. Andy, Ext. 7014.

MOTOR - Ford 351 Windor 30 over. bal., blueprinted by Lawrence racing engine, all paper work, will demo. Wayne, Ext. 3082.

Boats & Marine Supplies

16' BOAT - fg, 70-h.p., extras, trailer included, will demo, $1,500 or best offer. Marge, Ext. 5167.

13' ALLAGAS CANOE - 1993, 40" beam, very stable, wood & cane seats, wood paddles, extras, excel., $500. Jim, Ext. 7971.

OUTBOARD - 50-h.p. Yamaha engine, 1984 power trim on engine, VRO spare propeller, good cond., $750. Bill, Ext. 7136.

OUTBOARD - 1976, 25-h.p. Evinrude, rebuilt carb., tank, hose, winterized, $250. Gil, 821-5266.

23' PUMA SAILBOAT - all glass, 2 set sails, sail cover, full keel, sleeps 4, sink, mooring, dingy, Jack stands, 6-h.p. Evin., extras, in water, $3,000. Mike, 331-7812.

18' HOBIE CAT - 1990, w/ trailer, red jib, black & white mainsail, hardly used, $2,950. 473-1456.

SAILS - windsurfing, Gaastra speed slalom, 2 internal cams, 6.4 + 5.7m², $130. Joe, Ext. 4139.

Sports, Hobbies & Pets

HOCKEY EQUIPMENT - skates, gloves, helmets, shin guards, jerseys, etc. John, Ext. 4414 or 929-5476.

ORGAN - Kimball Swinger 300 entertainer, like new, $400. 758-5452.

POOL TABLE - $40. 736-6580.

PUPPIES - West Highland white terriers, 3 females, 9 wks., paper-trained, shots. Lou, Ext. 7876/4018.

SNEAKERS - Converse All-Star, white, new, canvas, never worn, size 8, $15 firm. 744-6290.

Miscellaneous

CRIB & CHANGING TABLE - Williamsburg collection,, all wood construction, asking $220. Tom, Ext. 7287 or 744-4535.

DIET TAPES - Jenny Craig set, $25. 924-8558.

TYPEWRITER - elect., $50; toaster oven, $10; bassinet, $20; exercise bike, $20; TV table, $10; toy box, $10. Kathy, 744-2203.

GOWN - teal blue, size 10, excel., $20. 744-5871.

INFANT'S CARSEAT - Evenflo joyride, $25; Fisher Price bathtub, $8; Sesame Street play gym, $8. Chris, 744-6874.

COAT - woman's, Eddier Bauer, beige, almost new, size medium, orig. $900, sell for $210. 929-5742.

OPERA TICKET - New York City Opera, *Madame Butterfly*, 10/16, 1:30 p.m., $15. Jimmy, Ext. 3116.

SCREW MACHINE - A10 Bechler, automatic, Swiss, excel. cond., $2,000; Yamaha 125 trike, good cond., $350. Dave or Teri, 289-2925.

Free

DOG - Chow Chow, 1-yr.-old female, white, spayed, housebroken, very lovable, needs good home, a great watchdog. Ext. 3426.

DOG - Labrador retriever, male, 1½-yr.-old, field champion lines, gentle. 878-2577.

RABBIT - brown, lop-eared, leftover feed & hay, water bottle, feeder and hutch, you pick up. Walter, Ext. 4986 or 757-6392.

TV - 19" Quasar, works OK. Ext. 5529.

Yard & Garage Sales

YAPHANK - 55-family garage sale, Sat. 10/9, 9 a.m., rain date 10/10, Whispering Pines condos. 924-5230.

Lost & Found

FOUND - watch, outside Bldg. 911. Ext. 3274.

LOST - aquamarine birthstone ring, w/2 small diamonds on sides. Ext. 2150.

Car Pools

LIE EXIT 36 - fourth for pool. John, Ext. 5181.

Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, creed, sex or national origin of the applicant.

For Rent

E. PATCHOGUE - 1-bdrm. apt., new eik, l/r, d/r, full bath, priv. ent., w/w, no smoking or pets, $400/single, $500/couple, sec. required. 475-6524.

EAST PATCHOGUE - 2-bdrm. house, south of S. Country, l/r, d/r, kit., walk to beach, $750/mo. + util. 361-2907.

FARMINGVILLE - brand-new apt., skylights, small deck, upstairs, priv. ent., $550/all. Nick, Ext. 2238.

LAKE PANAMOKA - 1-bdrm. apt., l/r, kit., bath, cable hook up, $600/mo. incl. util. 929-5323.

MANORVILLE - house to share, country setting, 5 min. from Lab, kit. priv., priv. bdrm., $350/mo., all util. incl. 924-2951 eves. & wknds.

MILLER PLACE - new, semi-furnished studio, full bath/kit., one person, priv. ent., deck, wooded, near beach, no pets, nonsmoker, mature, sec., refs., $475/mo., + ⅓ elec. Bob, 473-6950.

RIDGE - furn. studio apt., kit., bath, fenced yard, 3 mi. from Lab, immed. occup., $475/mo. Carol, Ext. 2673.

ROCKY POINT - new, furn. l/r-bdrm. combo, eik, full bath, free cable, walk to beach, priv. ent., $500/all. Ext. 3122 or 744-2259.

ROCKY POINT - furn. 2-bdrm. ranch, bsmt., all appl., immaculate, overlooking Sound, $800/mo.+. Marlene, 744-5801 after 5 p.m.

SHOREHAM - new, partially furn. 1-rm. apt., full bath, kit., priv. ent., immed. occup. 821-4318.

SHIRLEY - 1-bdrm., waterfront property, eik, l/r, full bath, fp, priv. ent., parking, furn., 1 mo. sec., $650/mo. Matthew, 399-2989.

SOUND BEACH - 1-bdrm., l/r, eik, full bath, cable, priv. ent., parking, furn., single nonsmoker preferred, no pets, $500/mo. incl. all. Ext. 7918 or 744-7007.

YAPHANK - priv. 2-bdrm. house, l/r, d/r, kit., full bath, w/w, partially furn., bsmt, fenced yard, patio, tool shed, avail. Nov., $725/mo. + util. Sharon, 924-5505.

KEY WEST, FL - April 9-23, condo, sleeps 2-6 on water, kit., pool, priv. beach, gym, marina, hot tub, w/d, tiki bar, walk to town. Sheryl, Ext. 7716.

ATLANTIC CITY, NJ - 1-bdrm. time-share, 10/22-29, equipped, sleeps 4, ask. $400. 751-2469 eves.

HILTON HEAD, SC - 2-bdrm. condo, sleeps 6, fully furn., 2 baths, tennis, beach, golf nearby, Oct.-Dec., $350/wk. Guy, Ext. 3147 or 689-5378.

S. WOODSTOCK, VT - 4-bdrm. Col., kit., d/r, l/r, fp, year-round resort, near lakes, skiing, equestrian village, cultural events, $850/mo., Sept.-June. 475-5894.

For Sale

BAYPORT - 2-story 3-bdrm. Col. on ½ acres, OHWH, d/r, 2 baths, lg. country kit., BPBPSD, near schools, $130,000. 472-3332.

BELLPORT - 3-bdrm. ranch, l/r wfp, d/r, bath, full bsmt., 20'x16' deck, det. 3-car gar., shy ½ acre, SCSD, near village, Bellport dock, ask. $125,900. Ext. 5241 or 286-3377 after 7 p.m.

BELLPORT VILLAGE - 2 bdrms., loft, skylights, French doors, 2 full baths, outdoor hot tub, steps to golf & tennis. Sue, Ext. 2888 or 286-1474 after 6 p.m.

CALVERTON - 6-rm. mobile home, suitable for 2, senior citizen's park, w/d, lg. tool shed, estate sale, $15,000. 269-6269 after 7 p.m.

CALVERTON - 3-bdrm. ranch, l/r, d/r, eik, 1 bath, ½ bsmt., 1-car gar., 8'x12' shed, fenced, move-in cond., 5 min. from BNL, $98,500. 369-1473.

CALVERTON - 2-bdrm. townhouse, 5 appl., carpeted, cac, fp, patio, upper deck, assumable mortgage. Ext. 3558.

DIX HILLS/WHEATLEY HTS - Half Hollow Hills, SD5, 4-bdrm. Hi-ranch, 3 baths, master bath w/Jacuzzi, 2 fps, Euro kitchen, ⅓ acre, sprinklers, agp, $169,000. Lori, Ext. 7036, 462-2359.

MASTIC BEACH - Cape, fenced yard, new kit. and heat, $79,500 neg. 281-7491.

MIDDLE ISLAND - 3-bdrm. ranch, l/r, d/r, full kit., full bsmt., gar., lg. yard, pool, deck, wood-burning stove, new appl., dead-end street, 10 min. from BNL, $114,900. Mary, 924-6235.

N. SHIRLEY - 3-bdrm. ranch, full bsmt., gar., oak floors, alarm system, igs, OHWH, city water, shed, landscaped, $123,000. Scott, 924-1567.

RIDGE - 3-bdrm. townhouse, 1½ baths, lg. l/r, 5 min. to Lab, $69,900. 924-4734.

RIDGE - 3-bdrm. townhouse, 1½ baths, cac, w/w, appl., new w/d, hot water heater, attic, patio, storage rm., red. $68,000. 924-4328.

ROCKY POINT - 3-bdrm. custom Cape, lg. l/r, eik, laundry, landscaped, corner lot, redecorated, $91,200. Donald or Suzanne, 473-6570.

ROCKY POINT - 4-bdrm. Col., 2½ baths, gas heat, cac, l/r, d/r, eik, den, fin. bsmt., gar., low taxes, ask. $124,990. Don, Ext. 7237 or 744-2921 after 5:30 p.m.

SOUTHAVEN/SHIRLEY - architect-designed and built, 3-bdrm. Calif. ranch, 2 baths, 2-car gar., eik, laundry rm., 3-sided fieldstone fp, fenced, deck, 5 min. to beach and BNL, $104,900. Keith, 924-5062.

WADING RIVER - 3-bdrm. Col., 2½ baths, 2-car gar., custom kit., gazebo, shed, igs, igp, deck, steam bath, satellite dish, SWRSD, 1.1 acre, $239,000. 929-8323.

KISSIMEE/ORLANDO, FL - Disney area, $4,000 down and take over payments. Jim, Ext. 7912 or 286-4823.

PORT CHARLOTTE, FL - ¼ acre bldg. lot, $10,900. 929-8323.

SHAWNEE, PA - time-share on Delaware River, new unit, week #19, 3-bdrm., 2 bath, m l/r, fp. full kit., must sell, $7,000 or b/o. Barbara or Mike, 722-5340.

CAMPGROUND MEMBERSHIP - 14 sites along the east coast, organized activities, no time limit on usage, use year round. Mike, Ext. 4199.

Wanted

AQUARIUM - seeking 55-gal. freshwater setup. Bob, Ext. 7257.

BASSINET - for newborn, car seat/carrier, must be in very good cond. Ext. 1020.

BICYCLE - inexpensive women's 26" mountain bike or hybrid. Loralie, 588-0445.

ENGINE - 5-hp or larger, horiz. gasoline, in running cond., or to repair. Al, Ext. 2043.

FILING CABINETS - children's books. Ext. 3165.

FLUORESCENT HOOD - 30" for aquarium. S. Holtzman, Ext. 4992.

HOUSEMATE - prefer female, share house, near Lab and beach, nonsmoker, $350/mo. 281-0973.

INDIVIDUALS - interested in practicing Tae Kwon Do. Elaine, Ext. 3876, beeper 456.

OLD LAWN MOWERS - and lawn tractors, complete only. Dan, 698-7322.

NORDIC TRACK - will get good home w/person in need. Ext. 4591.

POOL - filter and pump, for 24 ft. round pool. 289-2986.

RIGHT SIDE DOOR - for '84 Mustang, any color, good cond. Joe, Ext. 3120 or 929-0668.

ROOM/STUDIO APT. - for quiet, nonsmoking male, Patchogue/E. Patchogue-Brookhaven Hamlet area. 286-0999.

RUSSIAN SPEAKERS - interested in spending an evening hosting 3 visitors from Moscow, 10/11-15. David, Ext. 2604.

SAXAPHONE - reasonable. Animesh, Ext. 7629 or Ann, 474-0056.

STRING TRIMER - w/straight shaft and gas engine in working cond. or for parts, must take brush saw blade. Al, Ext. 2043.

TICKETS - 2 Billy Joel tickets, any date. 473-3852.

TIRES - P205/75R14, excel. to good cond. Susan, Ext. 7647.

TUXEDO- black, size 38-40. Michiko, Ext. 2396.

TOOLS - auto-related diagnostic tools, timing light, gravity tester, coolant tester, battery load tester. Bill, 281-6498.

VCR - VCP, good cond., reasonable price. Joe, Ext 3120 or 929-0668.

WEIGHT BENCH - and/or weights. 722-3905.

In Appreciation

My sincere thanks and appreciation for all the cards, calls and gifts during my recent illness.

— Nate Carter

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