BROOKHAVEN BULLETIN

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BROOKHAVEN NATIONAL LABORATORY

Minister Conducted on Super Tour To See Superconducting Technology

A demonstration facility for superconducting energy storage is being planned in Canada for the Hydro-Quebec energy transmission system. With this in mind, Quebec Minister of International Affairs John Ciaccia (second from right) visited BNL for an overview of superconducting magnet technology on November 14. Among those accompanying Ciaccia on the tour of the magnet factory in Bldg. 911 and the superconducting power transmission line built at the Lab were Sy Baron (left), Associate Director for Applied Programs, and Ciaccia's Chief of Staff, Laurier Thibault (right). Garry Cottingham, Accelerator Development Department, describes the BNL model for studying the Relativistic Heavy Ion Collider magnet interconnection region, which connects a dipole to a quadrupole magnet.

BNL's Action Plan Under Way

In response to the assessment of the U.S. Department of Energy (DOE) Tiger Team that visited the Lab in April to evaluate its compliance with applicable environmental, safety and health (ES&H) codes, BNL has developed an Action Plan addressing the issues and findings of that assessment. The Action Plan is now in the process of being approved and distributed by DOE.

To ensure that all employees are committed to making a top priority of the new culture of ES&H considerations described in the plan, BNL Deputy Director Martin Blume called a meeting, held on November 15. Along with Gerald Kinne, Associate Director for Reactor, Safety & Security; and Robert Casey, Safety & Environmental Protection Division Head, Blume outlined the approximately 500-page plan to department chairmen, division heads and others.

Among the points stressed in the meeting was the importance of continuing to raise the consciousness of personnel throughout the Lab to the formal safety standards in force at BNL. The speakers also emphasized that sound management structure, with clearly defined lines of responsibility at all levels, is critical to meeting BNL's commitment to treating ES&H concerns as equal to the research program.

The steps towards meeting that commitment are identified in the Action Plan. Many key actions called for by the plan are already in progress, such as new documentation for operating procedures and the new task force now organizing employee training.

The BNL Action Plan for the Tiger Team Assessment Report, BNL 52258, Revision 3, is available for inspection in the Public Documents room at the Research Library.

Breaking New Ground For Child Development And Science Education

On Monday, December 3, at 11:00 a.m., all are invited to attend the ground-breaking ceremony for BNL's two newest facilities: the Child Development Center (CDC), being built on Yale Road in the apartment area; and the Science Education Center (SEC), to be constructed on Brookhaven Avenue east of Columbia Street.

The ground breaking will take place at the Science Education Center site.

The ground-breaking ceremony will include keynote remarks by Richard Stephens, who is Acting Associate Director of the Office of University & Science Education Programs of DOE's Office of Energy Research.

CDC will be a 7,000-square-foot facility, to provide day care for preschoolers of employees of BNL, Associated Universities, Inc., the Brookhaven Area Office of the U.S. Department of Energy (DOE), and other on-site organizations.

As the first child-care center to be built at a national laboratory with DOE funding, BNL's CDC was designed by BNL architect John Castro of the Plant Engineering Division (PE), and it will be built by Fortunato Sons, Inc., of Bohemia, for $966,600. Scheduled to open by September 1991, CDC will be run by Cam-Held Enterprises, Inc., which is the operator of Just Kids Learning Center in Middle Island.

By next fall, the SEC will house the staff and programs of the Lab's Office of Educational Programs, which is annually responsible for coordinating about 50 educational opportunities for over 800 elementary through postgraduate students. The 4,700-square-foot center was designed by BNL architect Ove Dyling, PE, and it will be built by Radon Construction of Ronkonkoma for $717,116.

Reviewing Lessons Learned From Evacuation Drill

Compliance by employees and others on site during the selective evacuation drill that started at 4 p.m. on November 21 was good, reported Alan Kuehner, head of the Technical Support Section of the Safety & Environmental Protection Division. He spoke to a group of department and building coordinators on Tuesday, November 27, as part of a post-drill evaluation.

The purpose of this drill was to refine emergency operations facility and Police Group procedures for communicating with Lab population in an emergency and for selectively evacuating the site.

"We did well," said Kuehner, "but, more importantly as a result of this drill, we came up with suggestions for improvements in a few problem areas."

For instance, the Labwide alert signal — a continuous, five-minute sounding of the site sirens — was not heard in the inner rooms of some large buildings. So, to notify everyone within those buildings, building public-address systems were used, and sweeps of the buildings were made by the safety coordinators.

To ensure that all personnel will be notified in the future, local emergency plans will be updated with such solutions.

According to Frank Crifasi, the Emergency Plan Coordinator within S&EP's Emergency Planning Group (EPG) under Kuehner's section, the drill scenario was a supposed release of hazardous material in the eastern part of the site. While planned by the EPG, the Police Group in the Safeguards & Security Division handled the actual notification of employees and evacuation of the site.

Said Crifasi, "With the exception of knowing that scenario and that zones within the immediate 'threat' area were to be evacuated first, the Police Group had no other information and had to handle the drill as if it were the real thing. My compliments to them for a job well done."

Coming Up

Trevor Pratt, Head of the Safety & Risk Evaluation Division in the Department of Nuclear Energy, will present the next Brookhaven Lecture on Wednesday, December 12, at 4 p.m., in Berkner Hall. His topic will be "Containing Severe Accidents in Nuclear Power Plants."

Inside Info

With construction funds for the Relativistic Heavy Ion Collider (RHIC) signed into the 1991 federal budget, RHIC Project Head **Satoshi Ozaki** announced several appointments to the RHIC Project Office:

- **Horst Foelsche** — Assistant Head for System Integration; formerly Deputy Chairman, AGS Department.
- **Harald Hahn** — Assistant Head for Configuration & Parameters; with RHIC since its inception in 1983.
- **John Hauser** — Assistant Head for Administration & Management Systems; formerly the Lab's Deputy Budget Officer.
- **J. Garry Cottingham** — Assistant to the Project Head for Engineering; in addition he will continue his responsibilities with the Accelerator Development Department (ADD).
- **Stephen Musolino** — Assistant to the Project Head for Environment, Safety & Health; formerly the Safety & Environmental Protection Division's representative to the AGS and ADD.
- **William Harrison** — Acting Assistant to the Project Head for Personnel; in addition, he will continue as Assistant to the Chairman of ADD.
- **Marvin Shear** — Acting Assistant to the Project Head for Quality Assurance; also heads the Lab's Quality Assurance Office.

In addition, **John Sondericker**, Engineering Division, ADD; **Alessandro Ruggiero**, Accelerator Physics Division, ADD; and **Erich Willen**, Magnet Division, ADD, will serve as special advisors to the RHIC Project.

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With John Hauser's transfer to the RHIC Project, Budget Officer **Donald Robbins** announced the appointment of **Edward Byrne** as Deputy Budget Officer. At BNL since 1963, Byrne has been the administrator in the Plant Engineering Division Since 1978.

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Two managerial changes were announced recently:

Edward G. Gallagher has been named Acting Manager of the Management Information Systems Division (MIS). He came to BNL in 1980 and was named Deputy Manager of MIS in 1989.

Mary-Faith Healey has been named Acting Manager of the Contracts and Procurement Division (DCP). She came to BNL in 1976 and was named Deputy Manager of DCP in 1986.

Attention: Recyclists

If you're a recyclist — someone who has been avidly awaiting the initiation of the Lab's comprehensive recycling program — here's some good news: 150 twenty-gallon containers for the collection of recyclable white paper have arrived and are being distributed around site.

As soon as your container is in place, you can begin filling it with recyclable white paper. Your custodian will transfer the container's contents to a hamper. That hamper will be picked up weekly or more, if necessary, by Brookhaven Recycling and Waste Inc. BNL has extended an existing contract with this company for collection of computer paper to include white papers as well.

Within a few weeks, desktop collection containers will be issued, as requested, to employees who generate recyclable paper.

BNL is also purchasing red Brookhaven Town containers for the collection of metal and glass from the apartment area. These containers should be distributed in mid-December and will be labeled with pickup time and date.

Metal, glass and other materials will gradually phased in for collection in the Labwide recycling program. For now, however, the program is under way with the collection of white paper and computer paper. Said program coordinator Nelson Tyler, "With the enthusiasm thus far shown by employees and coordinators, we expect this program to be a great success."

If you have any questions about how to be a recyclist, contact your recycling coordinator listed below:

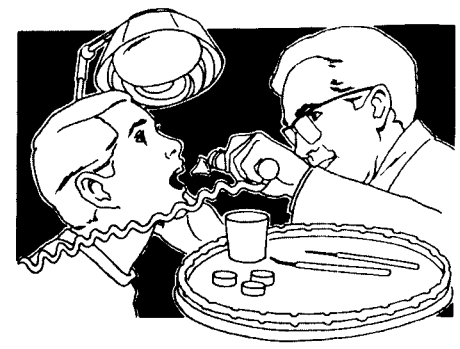
Dept./ Div.	Coordinator	Bldg.	Ext.
ADD	Harvey Lotko	1005S	4689
	*Charles Anderson	902A	7622
AGS	John Tilley	911A	4668
Bio.	Neal Tempel	463	3418
	*Patrick Asendorf	463	3418
CCD	Ron Wittlock	515	4112
	*George Taylor	515	4144
Chem.	David Comstock	555B	4311
CSD	Ernest Jochen	426Q	3357
	*Ed Jackle	462U	3357
DAS	Jim Hurst	480	3844
	*Betty Pergan	179A	2937
DCP	Fred Altrui	355	3155
	*Dave Dale	355	3199
DNE	Tony Fuoco	197	5086
	*Walter Becker	197	4533
DO	Rita Kito	460	3320
	*Carole Kerr	460	7100
DOE	Claire Appleton	464	7812
Fiscal	April Donegain	134A	2459
Inst.	Richard Richardson	535B	4251
	*Gerhard Tiller	535B	4228
Med.	John Heinrichs	490	3675
	*Harry Ulyat	490	3450
MIS	Kathy Boggi	459	3805
NSLS	Mike Kelly	725A	3476
OMC	Diane Carlson	490	3670
OTT	Arlene Wolochuk	902	3341
	*Maria Yanez	902	3341
PAO	Janet Sillas	134	2345
	*Anne Baittinger	124	5055
PE	Nelson Tyler	452	2303
Pers.	Nancy Sobrito	185	7996
	*Diane Dehler	185	2882
P&GA	Mary Wigger	197B	2926
Phys.	Sharon Smith	510A	3995
	*Marty Van Lith	510A	3749
QA	Victor Gutierrez	902B	2395
Reactor	Joel Errante	750	4436
	*Joe O'Conor	750	2212
S&EP	Frank Marotta	535	4273
	*Rhea Robinson	535	4267
SMD	Mike Guacci	211	2976
SSD	Ron Manning	179	2525
	*Ed Skrezec	179	2526
S&SD	Dick Giesler	50	7799
	*Pete Pohlig	50	7955
TID	Noreen O'Donnel	477A	3483
	*Madeline Windsor	477A	5069

*Alternate

Dental Plan Enrollment Opens

Today through December 28, regular employees working 20 or more hours per week may enroll in the AUI Dental Assistance Plan. Coverage will become effective January 1, 1991. Employees currently enrolled in the dental plan will have their coverage automatically continued unless they complete a termination form.

Employees wishing to enroll must complete application and payroll deduction forms, available from Personnel Services, Bldg. 185. Completed forms must be returned there by December 28.



The AUI Dental Assistance Plan pays a maximum of $1,000 benefits per calendar year for each individual for non-orthodontic dental expenses. The plan covers three categories of dental services:

- **Prevention & Diagnosis** — For services including routine exams, cleaning and scaling, and x-rays, the plan covers expenses from the first dollar spent to a maximum stated in a payment schedule.
- **Basic & Major Dentistry** — After an individual pays the first $25 of covered expenses during the calendar year, restorative, endodontic, periodontic and prosthodontic dental work, and oral surgery are reimbursed according to a schedule of allowance. The maximum deductible for any family is $75 per year.
- **Children's Orthodontia** — Fifty percent of reasonable and customary charges for orthodontic services for dependent children are paid, up to a lifetime maximum of $1,000 per child.

The Lab is offering the dental plan as an employee option with the following required employee contributions:

Coverage	Weekly	Monthly
Employee only	$1.15	$ 5.00
Employee & one dependent	2.31	10.00
Employee & two or more dependents	4.38	19.00

In addition, employees who elect the Dental Assistance Plan and who are insured under the AUI Medical Insurance Plan will have their major medical deductible increased to $200 per year or $500 per family, while those enrolled in an HMO Plan will be required to pay a monthly premium equal to the difference between the basic AUI Medical Insurance Plan and the plan with a $200 deductible, i.e.,$2.08 a month for individual and $5.20 a month for family coverage.

Employees who sign up for the Dental Assistance Plan will be required to participate until the next enrollment period, December 1992. Present eligible employees not electing coverage at this time must wait until this period ends to be able to participate.

For more information, call Personnel Services, Ext. 2877.

Outreach Workshop

Overcoming the Legacy Of Alcoholic Parents

There are upward of ten million alcoholics in this country, and each one suffers to some degree from mental and physical health problems related to their drinking.

Unfortunately, children of alcoholics are also affected by their alcoholic parents' disease.

It has been documented, for instance, that children who live in alcoholic homes may experience difficulties with issues of self-esteem and self-confidence, due to the lack of parental consistency. This may carry over into adulthood and have consequences in adult relationships.

One possible result is that children of alcoholics may be prone to co-dependent relationships, whereby they become more concerned with solving a significant-other person's problems than their own.

As the fourth Outreach workshop sponsored by BNL's Employee Assistance Program (EAP), "Adult Children of Alcoholics/Codependency" will address these issues, the related problems and their solutions. To be presented by Joann Fallon, the three-part workshop will take place on Tuesday, December 4, 11 and 18, from noon to 1 p.m. in Berkner Hall.

Having worked in the field of substance-abuse treatment since 1975, Joann Fallon took her master's in social work at Adelphi University in 1977. Since 1980, she has practiced psychotherapy in Riverhead and Southampton.

To register for this workshop, return the bottom portion of the orange Outreach form recently mailed to all employees to EAP Staff Psychologist Donna Friedman, Bldg. 490, before December 3. For more information on Outreach or EAP, call Ext. 4567.

Circulate Your Blood

A two-day blood drive will be held at the Lab on Wednesday and Thursday, December 19 and 20. Two pledge cards are being sent to each employee so that friends or relatives may join the BNL campaign. Please sign up as soon as possible. If you need any more information, call Susan Foster, Blood Drive Chair, Ext. 2888, or contact the Blood Program Captain for your department or division (see list below):

Dept.	Captain	Bldg.	Ext.
ADD	Lynnanne Conroy	1005	7918
	Cynthia Murphy	902A	5459
AGS	Richard Skelton	911A	7520
AUI	Elliott Levitt	134A	2495
Bio.	Richard Sautkulis	463	3386
CCD	Jim Calcanes	515	4150
Chem.	Nancy Sautkulis	555A	4304
CSD	Al Campbell	903	2043
	Christine King	462U	5033
	Steve Gracia	479	3498
DAS	Pat Taylor	179A	2452
	Arlene Waltz	475	5834
	Arleen Lancsarics	815	4519
	Corinne Messana	480	5415
	Judy Giordano	318	3051
	Sharon Zuhoski	318	3359
	Maggie Marsch	426	3275
	Lenore Dudzick	515	2954
DCP	Debbie Keating	355	7745
DNE	Arnold Aronson	475	2606
	Cheryl Conrad	130	2272
	Eena Mai Franz	703	7103
	Bernard Keisch	197	4842
	Grace Searles	129	4464
	Barry Siskind	830	5374
DO	Janet Sillas	134	2345
DOE	Clare Appleton	464	3438
Fiscal	Susan McKeon	134D	2460
Instr.	Patrick Gilleeny	535B	2836
Med.	Harry Ulyat	490	3450
MIS	Joan Barrow	459	3290
NSLS	Pat Powers	510E	4828
	Judy Thompson	725C	2145
OMC	Mickey Sacker	490	3671
PE	Marilyn Gibbons	134C	2259
	Nelson Tyler	452	2303
	Ann Grego	326	3084
	Chris Frosina	422	3254
Pers.	Marsha Kipperman	185	2871
P&GA	Phyllis D'Avanzo	197B	2950
Phys.	Sandy Asselta	901A	4550
	Liz Mogavero	510A	3940
Reac.	Randi Vogt	750	4043
	Judy Spara	120	2255
	Julie Teuber	703	2513
S&EP	Len Emma	535A	3334
	Michael Carroll	599	2351
SMD	George Dioguardo	211	2597
SSD	Joan Perullo	179B	2549
S&SD	Brian Buckheit	50	2238
	Alan MacIntyre	703	4058
TID	JoAnn Morris	477A	5070

Equipment Demos

Controls Sales, Inc., will demonstrate motion-control products on Tuesday, December 4, at Berkner Hall, from 10 a.m. to 2 p.m. On display will be microprocessor-controlled stepper motors from Compumotor, the line of positioning tables from Dodel Corporation, and laser measurement and displacement instruments from the Keyence Corporation.

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Edwards High Vacuum International will exhibit the following products on Wednesday, December 5, from 10 a.m. to 3 p.m. in Berkner Hall: turbo, mechanical, diffusion and dry vacuum pumps; vacuum measurement analysis and control instrumentation; vacuum accessories such as valves, couplings and hardware; fluids and sealants; and leak-detection equipment.

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Tektronix Inc. will display their product line on Thursday, December 6, from 10 a.m. to 3 p.m. in Berkner Hall. Products on display will include VXI instruments-on-a-card, high-speed digitizers, digital/analog oscilloscopes, logic analyzers, spectrum analyzers, portable cable testers and multi-channel analyzers.

Annual PSI Social

The Upton Chapter of Professional Secretaries International (PSI) invites everyone to their annual December Social, on Thursday, December 6, at 5:30 p.m. in the Recreation Building.

The $5 cost includes entertainment by a psychic, and PSI will also be collecting food, women's articles, toys, etc., for a local women and children's shelter. For more information, call Sharon Jones, Ext. 2493.

Arrivals & Departures

Arrivals

David R. Baulch.....Sfgrds & Sec.
Daniel R. Jenkins.....Reactor
Patrick J. Moylan Jr......Reactor
John D. Pagano.....Sfgrds & Sec.
Harold B. Rice.....Reactor
John F. Sganga.....Sfgrds & Sec.

Departures

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

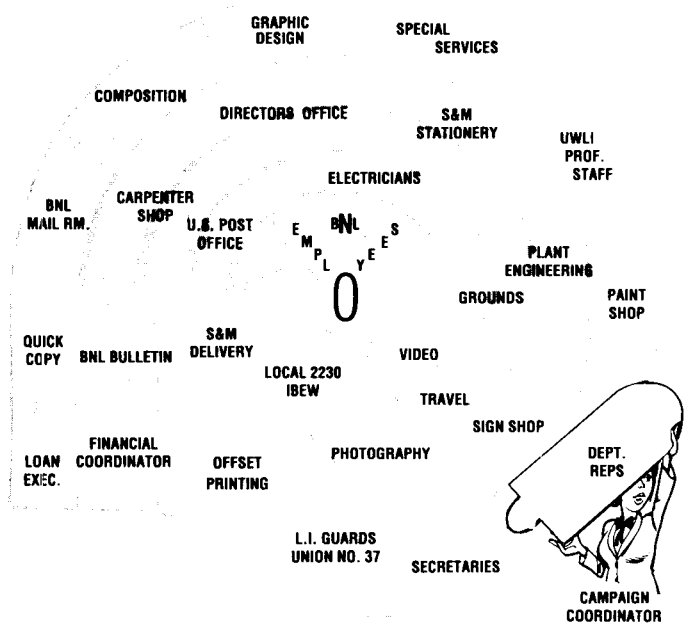
Jacqueline Torres.....Fiscal

Help Solve the Puzzle — "The United Way"

If you're puzzled about how you can help Long Islanders i .eed, here's a solution: Contribute to the BNL United Way Fund Drive, which began on November 26.

From each department and division, group and office — everyone's contribution is needed to solve the puzzle. Last year, 959 generous BNLers contributed $99,695 — and hundreds of Long Islanders in all kinds of difficulties have benefited from the assistance that those donations made possible. This year, the goal is to top $100,000.

To thank everyone for their prompt response, the United Way Fund Drive committee is again sponsoring a series of weekly prize drawings each Friday until the campaign ends on December 14. The sooner you return your pledge card, the better your chances of winning one of these prizes: a spring weekend in Atlantic City, gift certificates to Smithhaven Mall, dinners for two at Long Island restaurants, and scrumptious turkeys! Return your pledge card today to Betty Pergan, Bldg. 179A.



Credit Union To Expand Hours

Effective Monday, December 3, the hours at the on-site branch of the Teachers Federal Credit Union (TFCU) will be expanded as follows:

Day	Open Hours
Mon.-Wed.	9:00 a.m. to 4:30 p.m
Thursday	9:00 a.m. to 5:00 p.m.
Friday	8:30 a.m. to 4:30 p.m.

For information about TFCU, contact Lisa Goodenough, BNL Branch Manager, Bldg. 179, Ext. 2790.

ANS Meeting

Francis DiMeglio, Director of the Rhode Island Energy Commission, will speak on "Research Reactors in Moscow — Post Glasnost," at the next meeting of the Long Island Section of the American Nuclear Society (ANS), on Wednesday, December 5, at the Bavarian Inn, Lake Ronkonkoma, at 8 p.m., following cocktails at 6 p.m. and a buffet dinner at 7 p.m.

The speaker will be introduced by Dave Rorer, Deputy Manager of BNL's Reactor Division and L.I. ANS executive committee member. To make reservations, call 436-4227.

Hospitality News

The next Hospitality Committee get-together will be a "Holiday Special," with discussion about the different ways that the holidays of Christmas and Hanukkah are celebrated in other countries. If possible, please bring some photographs or items used for these festivities to the Brookhaven Center on Tuesday, December 4, at 9:30 a.m.

Spouses of employees and guests are welcome; please bring the children. Refreshments will be served, and free baby-sitting will be provided.

Swim Club

At the Marist College masters' swim meet on November 11, BNL's Roger Klaffky won his first 1st-place age-group medal after almost four years as a BNL Swim Team member. Klaffky earned his first gold among men 45-49 in the 200-yard breaststroke, with a time of 3:06.99.

Always in the medals at this meet, the three-member BNL contingent earned four golds, six silvers and two bronzes out of 12 starts, and totaled 92 out of a possible 120 points towards the annual Empire State Masters' Swimming small-team standings.

50-yard Freestyle		
Roger Klaffky	30.07	3rd men 45-49
Marsha Belford	32.91*	1st women 30-34
100-yard Freestyle		
Marsha Belford	1:13.52	3rd women 30-34
100-yard Backstroke		
Roger Klaffky	1:22.70	2nd men 45-49
50-yard Breaststroke		
Wlodek Guryn	35.14	2nd men 40-44
Marsha Belford	42.43	1st women 30-34
100-yard Breaststroke		
Wlodek Guryn	1:20.89	2nd men 40-44
Roger Klaffky	1:23.59	2nd men 45-49
200-yard Breaststroke		
Wlodek Guryn	2:50.19	1st men 40-44
Roger Klaffky	3:06.99	1st men 45-49
100-yard Individual Medley		
Wlodek Guryn	1:18.71	2nd men 40-44
Marsha Belford	1:27.49	2nd women 30-34

* indicates personal record.

Archery Club

The Archery Club will hold its monthly meeting on Thursday, December 6, at noon in the Physics seminar room lounge, Bldg. 510. For information, contact Bill Schoenig, Ext. 2377.

Indoor Tennis

The gym is available for tennis from 5 p.m. to 9 p.m. on Tuesdays, and from 1 p.m. to 5 p.m. on Sundays.

Reservations for indoor tennis can be made in person at the BERA Sales Office in Berkner Hall between noon and 2 p.m. on Monday for play the next day, and between noon and 2 p.m. on Friday for play the following Sunday.

Players are reminded that they are limited to one hour of court time per week for singles or two hours each per week for doubles.

Bowling

Red/Green League

M. Guacci had a 256/622 scratch series, J. Muller 234, A. Warkentien 230/609 scratch, R. Eggert 226/212/206/644 scratch, R. Sick 218, K. Batchelor 214, H. Arnesen 212, K. Riker 211, E. Sperry IV 210, A. Pinelli 205, R. Jansson 203, W. Kollmer 203.

Purple League

Vito Manzella had a 224, John McCarthy 222, Mary Scheidet 201, Pat Manzella 192/186, Alice Belmonte 191, Nancy Erickson 186, Elaine Zukowski 180.

White League

Jim Goode had a 222, Ken Riker 212, Dick Adams 202, Gerry Riker 196, Vicky Goldsborough 194, Jeanne Penoyar 191, Mary Addessi 189, Maryann Reynolds 189.

Red/Green League

E. Sperry IV had a 227, A. Warkentien 223, M. Guacci 222/210/201 for a 633 scratch series, H. Arnesen 217, W. Powell 215, D. Jesaitis 211, F. Griswold 210, B. Jones 208, T. Prach 200.

Cafeteria Menu

Luncheons

Monday, December 3	
Soup: Chicken noodle	.75/.95
Entree: Beef & veg. stew w/1 veg.	3.10
Entree: Zesty tacos w/1 veg.	3.10
Fitness: Chef's choice w/1 veg.	3.10
Carvery: Hot pastrami sandwich	2.85
Grill: Grilled Reuben	2.85
Tuesday, December 4	
Soup: County vegetable	.75/.95
Entree: Buffalo wings/w 1 veg.	3.10
Entree: BBQ short ribs w/1 veg.	3.10
Fitness: Chef's choice w/1 veg.	3.10
Carvery: Hot roast beef sandwich	2.85
Grill: Zesty pizza burger	2.85
Wednesday, December 5	
Soup: Cream of vegetable	.75/.95
Entree: Crispy fried fish w/1 veg.	3.10
Entree: Baked ziti w/1 veg.	3.10
Fitness: Roast prime rib of beef w/1 veg.	3.10
Carvery: Hot Black Forest ham	2.85
Grill: Grilled turkey & cheese melt	2.90
Thursday, December 6	
Soup: Beef rice	.75/.95
Entree: Chef's choice w/1 veg.	3.10
Entree: Chicken breast Parmesan w/1 veg.	3.10
Fitness: Sauteed beef, peppers & onions w/1 veg.	3.10
Carvery: Hot corned beef sandwich	2.85
Grill: Chili dogs	2.25
Friday, December 7	
Soup: Shrimp gumbo	.75/.95
Entree: Pasta primavera w/1 veg.	3.10
Entree: Beef sukiyaki w/1 veg.	3.10
Fitness: Baked fish w/lemon sauce w/1 veg.	3.10
Carvery: Hot roast beef sandwich	2.85
Grill: Fried fish sandwich	2.95

Note to Employees:

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

Holiday Sale in Science Shop

This year, Hanukkah starts after sundown on December 11. And, as always, Christmas arrives on the morning of December 25.

Will your holiday shopping be done in time?

Don't panic — just stroll over to the Winter Holiday Sales at the Science Shop in the Exhibit Center/Science Museum. There you can complete your gift list from a large selection of intriguing science-oriented gifts — many priced under $5.

The Science Shop's doors will be open for Lab-wide sales on three Fridays — December 7, 14 and 21 — all from 10 a.m. to 3 p.m.

Look for the order form that will be mailed to all employees next week, then take it with you when you go to the Science Shop on the west side of Bldg. 701. Park in the north parking lot. For more information, call Public Affairs' Tour Program, Ext. 4495.

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

BROOKHAVEN BULLETIN

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BROOKHAVEN NATIONAL LABORATORY

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(516) 282-2345

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.

The vacancies listed below have been exempted by the Director's Office from the current freeze on open requisitions.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees only.

4339. ENGINEERING POSITION (Quality Assurance) - Requires BS in engineering, science or mathematics and a minimum of ten years' QA and reliability engineering experience. Five years' managerial experience required, and a working knowledge of computers is desirable. RHIC Project. Accelerator Development Department.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside applicants.

4340. ENGINEERING POSITION - Requires an MS/Ph.D. in laser science or optical engineering and a minimum of 2 years' experience with picosecond laser systems. Responsibilities include operating and maintaining a Nd:YAG and CO_2 laser system. National Synchrotron Light Source Department.

4341. CHAIR, DEPARTMENT OF NUCLEAR ENERGY - Requirements include a Ph.D. in engineering, physics or chemistry; extensive experience, including research in applied or industrial environments; proven management experience and a successful record of working with program managers at government agencies. Candidates are expected to be recognized authorities in the nuclear sciences field and have contributed to the literature of nuclear energy. Will be responsible for the overall administration, direction and management of the Department as well as for the execution and implementation of basic policies affecting the Department. Please submit resume and publication list to: J.M. Hendrie, Bldg. 197C. Director's Office.

Motor Vehicles & Supplies

89 KX250 DIRT BIKE - expertly maint., $1,600; '87 Jayco motor home, 25', 17k mi., sleeps 6, best offer. Lois, Ext. 4904 or Bob, 929-4753 eves.

88 TOYOTA TERCEL - 3-dr. LB deluxe, a/t, ac, p/s, p/b, stereo, 40k mi., $5,100. George, Ext. 4769.

88 FORD BRONCO II XLT - 4wd, a/t, ac, am/fm, p/s, p/b, ralb, p/w, p/l, many extras, 11k mi., $13,200. John, Ext. 5487 or 798-3766 eves.

87 NISSAN SENTRA - white, 4-dr., a/t, p/s, p/b, new muffler, brakes, spark plugs, tires, 47k mi., $4,375. 874-4845 after 6 p.m.

87 NISSAN MAXIMA - fully equipped, $8,700. Bob, Ext. 7785.

86 OLDS DELTA 88 - 43k mi., ac, tilt, cruise, 4-dr., excel. cond., $6,200. 369-2838.

86 FORD E350 PASSENGER VAN - p/s, p/b, ac, 65k mi., $3,500. Armand, Ext. 2456.

86 PONTIAC FIERO - 2-dr., spoiler, clean, p/l, p/w, p/m, cruise, am/fm, 6-cyl., 53k mi., ac, excel. cond., $5,500. Clem, Ext. 7018.

86 BLAZER - V-6, 2.8 liter, ac, p/s, p/b, am/fm, good cond. in/out, $5,500 neg. Ext. 3268 or Ext. 2512 after 6 p.m., Room 15.

86 HYUNDAI GLS - 4-dr sedan, blue, 5-spd., p/b, p/sunroof, ac, am/fm cass., new exhaust, clutch, tires, one owner, $2,950. Anthony, Ext. 4035.

85 CHEVY BLAZER S-10 - 66k mi., V-6, ac, a/t, red/white, mint cond., $7,000 neg. Frank, Ext. 2011.

85 SUZUKI GS 1150 E - minor abrasions, uncommon ride, fast, comfortable, reliable, approx. 18k mi., $1,800. Ext. 4669.

85 CHEVY S-10 4x4 PICKUP TRUCK - black, excel. cond., must see, asking $6,500. 727-7350.

85 CHEVY K-10 PICKUP - 4wd, V-8, 4-spd., tan, 24k mi., bed liner, $7,500. 277-2459.

85 CHEVY BLAZER S-10 - 4wd, V-6, 5-spd., 74k mi., $5,750. Bill, Ext. 2377 or 929-0370.

84 HONDA ATC TRIKE - 110cc, good cond., lots of fun, safe, easy to ride, $375. Bob D., Ext. 7772.

84 PONTIAC FIERO - a/t, red, stereo cass., immac., runs well, new gen., good rubber, $2,600. Warren, Ext. 4939 or 924-7552.

84 CHEVY CELEBRITY - 4-dr., vinyl top, V-6, a/t, ac, p/l, p/w, stereo, 82k mi., v.g. cond., $2,500. Bob, Ext. 4551.

84 MERCURY GRAND MARQUIS - loaded, good cond., must sell, best offer over $3,200. Roy, Ext. 2384 or 722-8736.

84 CAMARO BERLINETTA - 6-cyl., a/t, p/s, p/b, ac, Eagle GT tires, 70k mi., $3,200. Ed, Ext. 3499 or 821-0063 eves.

84 TRANS AM - V-8, a/t, ac, am/fm cass., power everything, clean in/out, asking $3,900. Jessica, 929-4753 eves.

84 MAZDA PICKUP - clean, dependable, good on gas, $2,400. Ext. 4689.

83 MERCURY LYNX - runs, good for parts or fix up, make offer, cheap. Rick, Ext. 3499.

83 FORD ESCORT - 4-dr., am/fm cass., new batt., exhaust, no rust, a/t. Steve, Ext. 5567 or 821-9048.

82 BUICK CENTURY - 4-dr., ac, am/fm stereo, 62k mi., excel. cond., $2,300 neg. Ext. 4446 or 924-6761.

81 CAMARO Z28 - 305 m/t, 88k mi., char./gray, ac, am/fm cass., new headers, exhaust, & battery, extras, good cond., neg. John, Ext. 4666.

81 KAWASAKI 440 LTD - 13k mi., new tires, brakes, chain, sprockets, battery, sissy bar, must sell,moving, v.g. cond., asking $650. 474-5715.

81 GMC PICKUP - ½-ton, needs motor, $600; '79 Chevy K-10 pickup, 4x4, a/t, L-82 Corvette motor, $3,500. 924-6761 or 475-2509.

80 BUICK PARK AVENUE - ac, p/s, p/b, p/w, p/seat, p/l, am/fm stereo, good cond., $800 or best offer. Mark, Ext. 2957.

80 GMC JIMMY 4x4 - a/t, loaded, new tires, cruise, ac, great cond., asking $4,800. Danny, Ext. 4988 or 286-8541.

80 BUICK REGAL - V-6, very well maintained, $1,500. Aharon, Ext. 3076.

80 HONDA ACCORD- ac, h/b, runs well, clean, am/fm cass., 5-spd., asking $800. Jessica, 929-4753 eves.

80 FIREBIRD - rebuilt Pontiac 455, new Holley 650 dbl. pumper, Edelbrock manifold, new tires, 400 tranny, etc., car damaged. Mitch, 928-4013.

80 BUICK LE SABRE - a/t, p/s, p/b, p/w, ac, am/fm cass., new tires, good cond. in/out, needs brakes, $500 or best offer. S. Spark, Ext. 4111.

80 CORVETTE - white/tan leather int., 25k orig. mi., mint cond. R. Diaz, Ext. 2760 or 924-2430.

80 OLDS OMEGA - 4-spd., ac, p/s, p/b, am/fm cass. stereo, excel. cond., must see, asking $1,100. Giovanni, Ext. 5324.

79 BUICK CENTURY - s/w, 30k mi., rebuilt engine, looks good, runs well. Duke, Ext. 2957.

79 SURBURBAN - a/t, p/s, Scotsdale, new tires, batt. & brakes, 37k orig. mi., $2,200. Tirre, Ext. 3288 or 281-0360 after 6 p.m.

79 AMC JEEP CHEROKEE - 4-spd., 4wd, 31k mi., ac, 57k mi. 2nd eng. Walter, Ext. 4100 or 369-4238.

79 COLT - 4-dr., a/t, ac, runs well, best offer. Harvey, Ext. 3758.

78 OLDS CUTLASS - 2-dr., V-8, rebuilt dual turbo exhaust, ac, good cond., $1,000. Kathey, 345-3778.

78 FORD FIESTA - 130k mi., 4-spd., orig. owner, runs well, $400. Mark, Ext. 4515 or 878-4271.

76 MONTE CARLO - 350 4BB, high miles, body rough, all power, new radials, mag rims, trans. leak, $375. John, Ext. 4069.

75 MERCURY COMET - V-8, runs, needs carb. attention, $150. Hugh, Ext. 4773.

48 CHEVY PICKUP - eng. & body parts, also early 1950s 235 6-cyl. drive train. Jerry, 399-6457.

CAP - for Toyota, 7', white, good cond. Bert, Ext. 5156 or 581-4436.

CAP- for Subaru Brat, fiberglass, $150 as is, custom painted to match your Brat, $200. Harvey or Jeanne, 395-1078.

TIRES - 4 ea., Goodyear VR60 225 VR60 16 radials, 3/16" tread left, best offer. 289-8212 eves.

TIRES - 4, 10-15LT all terrain tires, mounted on 6-hole rims, $80/all. Tirre, Ext. 3288 or 281-0360 after 6 p.m.

CAR COVER - nylon, fits x-large car, zippered door, new, orig. $110, sell $40. John, Ext. 7671.

TIRES - 4, Armstrong sports radials, 195-70-R14, 5000 mi. mounted on '78 280Z alum. rims, best offer. R. Diaz, Ext. 2760 or 924-2430.

RIMS - 4, 15"x7" alum. Chev. 4wd rims, $65 per rim. Ext. 2235.

HEADS - 2 pr. of new Ford big block head, new crane double springs for small block Ford; new T.R.W. V-6 Ford lifters, more. Wayne, Ext. 3084.

MOTOR - 302 cu. in., Ford, V-8, runs well, no knock, doesn't burn oil. 289-8212.

SERVICE MANUAL - Mitsubishi Galant, 1986; air & oil filters, all $25. Leny, Ext. 4467.

LADDER RACK - heavy-duty for mini pickup, excel. cond., best offer. Jack, Ext, 4411.

ENGINE - stand, $40. Bill, Ext. 2377 or 929-0370.

TRAILER - parts, wheels, axles, hook, all new, $60 all. Ext. 7699 or 821-1138.

Boats & Marine Supplies

19' BOWRIDER CRUISER - 1972, w/1976 115-h.p. Johnson, canvas, trailer, w/elec. winch, $2,500. Frank, Ext. 2314 or 567-5131.

19' STUERY CUDDY - 1979, '86 90-h.p. Evin., VRO trim, tilt, canvas, port-o-potty, 30-gal. tank, CB, sink, trailer, in water, $6,500. George, 878-8177.

19' BAYLINER BOWRIDER - 1988, 125-h.p. Force, p/tilt & trim, am/fm cass., low hr., full canvas, galv. Escort trailer, $6,200. Ext. 7125 or 929-8641.

13' BOMBARD - 1987, inflatable, 30-h.p. Mariner, '87 trailer, all access., excel. cond., great scuba diving, must sell, moving, $3,500. 474-5715.

12' STOWE FISHERMAN CANOE - $400; w/Minkota, 17-lb. thrust motor & battery, $500; motor & battery alone, $125. Bill, Ext. 2377.

Furnishings & Appliances

CHAIRS - 4, wood, folding, $7; oval table w/3 leaves, maple, 2 arm chairs, 4 side chairs, $500; china closet, $375, $800/both. Arleen, Ext. 4519.

MATTRESS - & boxspring, queen size, 3 yr. old, $50. Walter, Ext. 3086 or 744-7875 eves.

DOOR - folding, 6 sections, new, still in package, $50. Ext. 7699 or 821-1435.

STOVE - wood/coal, fireplace insert w/blower, asking $200. Karen, 345-3043.

LAMPS - table lamp w/shade; pair of lamps w/shades. Garry, 567-9617 after 5 p.m.

PORCH CHAIRS - 2, rattan w/new cushions, excel. cond. Pat, Ext. 2452.

COCKTAIL TABLE - & 2 end tables, rosewood, good cond., $99/set; table lamps. Ext. 4449 or 751-8403 after 6 p.m.

CLOISONNE CLOCK - 3-piece crystal door, valuable for collection, $450. Hongbin, 821-5240 after 1 p.m.

SEWING MACHINE - portable, $50; phone, $10; Whirlpool foot massager, $18; wooden gate, $10; stainless steel coffee maker, $20. Kathy, 744-2203.

WATER CONDITIONER - Culligan, excel. cond., best offer. Jack, Ext. 4411.

FIREPLACE INSERT - glass doors, blowers, good cond., $100. 399-3390.

DINING ROOM SET - & many other furnishings, moving, must sell. Steve or Joan, 821-9048.

REFRIGERATOR - apt. size; stove, gas or electric. 289-7902.

CHAIRS - set of 4, hardwood, oak, good cond., $75 or best offer. Paul, Ext. 7697 or 689-2829 eves.

RECLINER - green vinyl, blue cover, small hole, otherwise good cond. Vasili, Ext. 2676.

SOFA BED - double, gold, good cond., $60. Dave, Ext. 5460.

HOME SPA - model 4100, 3-spd., brand-new, orig. $97, asking $60. George, Ext. 2296.

KITCHEN DINETTE - 42" round table w/formica top, 4 captain's chairs, walnut color, excel. cond., $125. Bonnie, Ext. 2875.

Tools, House & Garden

FIREWOOD - seasoned hardwood, split, delivered locally, $130/cord. 924-2035.

W&W SHREDDER - heavy-duty, w/cart; spindle-back chairs; Gibson upright freezer. 363-7032.

POINSETTIAS - red, florist quality, delivery after Dec. 9. Ray, 727-6818 after 4 p.m.

COAL STOVE - Franco Belge, model 10-275R, 60,000 Btu/hr., heats 17,000 cu. ft., good cond. Tom, Ext. 5350.

BEACH CHAIR - & umbrella, like new, $25/both. Giovanni, Ext. 5324.

TORCH SET - 3 tips, cutting tip, hose, tanks, $75. Bill, Ext. 2377 or 929-0370.

STORM WINDOWS - wood; 3 interior doors, 30"x80"; stainless pool ladder, vacuum & hose for 20'x40' inground pool. Bob, 878-1829.

POOL FILTER - for inground pool; Grant G.T. sheering wheel. Wayne, Ext. 3084.

STORM WINDOWS - 2, alum., 31"x58", $5/ea.; storm door w/screen, 25"x82", $35; folding highchair, $5; pressure canner, $15. 878-6637.

Sports, Hobbies & Pets

R/C TRUCK - Double Dare 4x4, brand-new, w/trigger controller & new motors, excel. cond. $175. Danny, Ext. 4988 or 286-8541.

SKIS - Fischer Competition, 140cm, Tyrolia bindings, poles, $70. Lowenstein, Ext. 4611.

BICYCLES - girl's, 14", Strawberry Shortcake, $10; 18", $20; boy's, 24", 3-spd., $20; exercise bike, $40; scooter, $30. Arleen, Ext. 4519.

BICYCLES - adult size w/baby seat; 2 scooters; 3 children's bicycles. Gary, 567-9617 after 5 p.m.

CLARINET - Signet, wood, excel. cond. & tone, $250. Jim, Ext. 3372 or 821-0250.

SKI - Tecno Pro, 170cm, w/Salomon binding 447, v.g. cond. Ext. 2683 or 751-2469 eves.

BRITTANY SPANIEL PUPPIES - born Oct. 10, AKC registered, ready Dec. 15, great for Xmas gift or hunting. John, Ext. 2632.

DRYSUIT - Poseidon, man's large, excel. cond., must sell, orig. $1,500, ask. $500. 475-5715.

BIRD CAGES - 2, $2/ea.; 1 w/access., $6. 399-3390.

TICKETS - Islanders vs. Pittsburg, Sat., Dec. 22, section 305, row D, $56/pair. Ext. 7707.

DOG CAGE - 37"x22"x25", metal, for indoor use, collapsible, good cond., medium size dogs, orig. $100, asking $50. Bruce, 363-5956.

SKI BOOTS - Lange, man's, 11½, excel. cond., $40; ski poles, $10. 744-7549.

RACING GO-KARTS - Margay & Emmick, 5-h.p. Briggs & Stratton motors, disc brakes, slicks, $950/each. John, Ext. 4034 or 467-3742.

BIKE - Cannondale SR500, Shimano 105 components, Computer Zefel pump, helmet, extras, $325. Bill, Ext. 2377 or 929-0370.

BICYCLE - Panasonic, 12-spd., mint cond., asking $200. Jack, 369-8447.

Audio, Video & Computer

COMPUTER - digital Rainbow 100+ 5Mb/1024RAM MSDOS/CPM modem, lots of software, manuals, more, $1,500. Jackie, 265-7183 eves.

COMPUTER - portable, Commodore SX64, extra external drive, printer, interface, mouse, software, $450. 928-0281 days or eves.

WORD PROCESSOR - for PC, Sprint, 11 disks, 3 manuals, templates, $40. Rick, Ext. 3741.

CAMERA - GAF Super 8 movie, model XL251, $20; Vivatar model 2600 automatic electronic flash, $15. John, 751-2713.

NINTENDO GUIDE BOOK - & 2 controllers, $60; w/2 games, $90; games sold separately, $20/ea. Matt, 928-8465.

EGA COLOR MONITOR - & card, like new, $225. Jim, Ext. 4584.

VCR - used, recent model w/cable comp. tuner section, broken tape section is OK. Jonathan, Ext. 5335 or 395-5221.

COMPUTER - Macintosh SE, 4 meg memory, 32 meg hard disk, word processor, languages & some games, extras, $1,200. Dave, Ext. 4148.

SPEAKERS - A.R. TSW 100³ Cerwin-Vega SW12B, sub-woofer, excel. cond., $200. Greg, Ext. 2575 or 399-1258.

COLOR TV - Multitech, 15", GE microwave oven, $90/ea., $160/both; Black & Decker cordless vacuum, $30. Giovanni, Ext. 5324.

Miscellaneous

CRUISE CREDIT - Windjammer, $430 worth of credit, good till Jan. 1992, $300. Bill, Ext. 2377.

MAGAZINES - Playboy, full sets, 1958-1972, mint cond., best offer. 661-3570, 9 a.m.-7 p.m.

BOOTS - lambskin interior, brand-new, size 12, $40; car coat, ¾ length, XL-size, $50; work coat, ¾ length, X-large, $40, all men's. 924-3236.

TICKETS - 3 one-day passes for Walt Disney World-Epcot center, MGM studios, Orlando, FL, orig. $31, sell for $25/ea. Giovanni, Ext. 5324.

TICKETS - United Airlines, Islip to Denver, round-trip, Feb. 21-26, 1991, $218. Mark, Ext. 5299.

LEATHER JACKET - man's size 40, dress style, $20. Pete, Ext. 2498.

Free

COUNTRY LIVING MAGAZINES - Ext. 3076.

BATHROOM VANITY - 24" w/blue sink, Amer. Std. toilet/tank; double-hung window, 3-0x3-0 w/storm & screen, pick up in Shoreham. Ext. 7707.

OIL TANK - 275 gal. in bsmt., yours for the taking. Lenny, Ext. 4467.

Car Pools

BOHEMIA-OAKDALE-SAYVILLE - need 1 more driver for car pool. Frank, Ext. 2314 or 567-5131.

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

BAYPORT - 2 bdrm., l/r, d/r, eik, large fenced yard, near bay & marinas, $800. Lee, 363-7164.

CALVERTON - 2-bdrm. condo w/d, 1½ baths, fenced patio, deck, cac, w/w, clean, 15 min. to Lab, $650/mo. + util. Ext. 4701.

CORAM - 4-bdrm. ranch, 2 baths, short-term, fenced corner lot, neg. Ext. 3791 or 928-7154 eves.

EAST MORICHES - 2-bdrm. apt., ground floor of Victorian house, bath, kitchen, d/r, l/r, large yard, 3 blocks to bay, shops, school, $680/mo. + util. Mona, Ext. 5056 or 878-9384 eves.

EAST PATCHOGUE - So. of So. County Rd., 2-bdrm. apt., 2nd fl., l/r, eik, priv. ent., no pets, avail. immed., $535/mo. + util., ½ heat. Walt, Ext. 2907/2241 or 698-0576 after 6 p.m.

HOLBROOK - large 1-bdrm. apt., w/w, full bath, priv. ent., near LIE & LIRR, $625/mo. pays all. John, 758-2392.

HOLTSVILLE - 3-bdrm. apt., eik, priv. ent., w/w, full bath, walk-in closets, 15 min. to Lab, off-street park., $675/mo. incl. util. Fran, 289-2159.

MASTIC BEACH - 3-bdrm. ranch, newly remodeled, l/r, eik, appl., excel. location, $850/mo. rent or sell for $85,900 neg. 281-8044.

MASTIC BEACH - brand-new 1-bdrm. apt., full bath, full kit., priv. ent., yard, driveway, for single, $550/mo. pays all. Anthony, 281-2513.

MASTIC BEACH - 2-bdrm. cottage, screened porch, fenced yard, nice neighborhood, $675/mo. + util. 360-3803.

MATTITUCK - 1-bdrm. apt., large l/r & closets, full bath, kitchenette, sep. ent., quiet wooded area, near water, nonsmoker, $450/mo. Ext. 7657 or 298-9560.

MEDFORD - 1-bdrm. apt., kit., l/r, full bath, deck, priv. ent., nonsmoker, no pets, working couple, $675/mo. includes all + sec. 475-7250.

MT. SINAI - 1-bdrm. apt., water view, pvt. deck, avail. Jan. 1, $800/mo. incl. util. 473-5264 or 632-7023.

N. PATCHOGUE - 2-bdrm. apt., l/r, eik, full bath, priv. ent., cable, sep. therm., single/working couple pref., $700/mo. all. 289-0848 after 5 p.m.

NORTH SHIRLEY - 1-bdrm. apt., furn., l/r, eik, w/w, 5 min. from Lab & stores, priv. ent., 1 person, nonsmoker, no pets, $490/mo. incl. util. 281-8044.

PATCHOGUE VILLAGE - two 1-bdrm. apts., newly renovated, ground floor, priv. ent., walk to town. 289-7902.

PORT JEFF STATION - new 2-bdrm. condo, 2½ baths, l/r, d/r, loft, gar., w/w, jacuzzi, microwave, w/d, cac, fp, skylight, tennis, pool, 20 min. from Lab., $1,250/mo. 474-5421.

ROCKY POINT - 1-bdrm. house w/gar. on quiet priv. hill, full kit., small yard, lots of storage, 2 blocks from beach; 15 min. to Lab. Steve, Ext. 5567 or Henry, 744-9724.

SAYVILLE - 3-bdrm. house, 2 baths, priv. road, near water. 289-7902.

SOUND BEACH - apt., lg. l/r & dining area, full kit., bath, sep. sleep. alcove, w/w, priv. ent., no pets, nonsmoker, $475/mo. incl. cable. Bob, 821-1769.

SOUND BEACH - 4-rm apt., fenced, carpet, cable, 2-car driveway, $650/mo. util. incl. + sec. Frank, 744-6014.

SOUND BEACH - 2-bdrm. apt., bath, l/r, eik, close to shopping & beach, $675/mo. + elec. Ext. 2671 or 744-3284.

SOUND BEACH - 2-bdrm. ranch, fp, near beach, refrig., stove, hook-up for w/d, $695/mo. + util. & sec., avail Jan. 1. 821-0106 after 6 p.m.

YAPHANK - 4-bdrm. restored Victorian, patio, 5 mi. from Lab., large treed property, avail. Dec. 1. 924-7106 days, or 924-3066 eves.

CATSKILLS - 3-bdrm. chalet w/sleeping loft, fully furn., near Hunter & Windham Mts., great for skiing. Kay, Ext. 4501, or Bea, Ext. 3642.

HILTON HEAD, SC - 2-bdrm. condo, 2 baths, sleeps six, tennis, golf, beach, pool, Dec. $300/wk. Guy, Ext. 3147 or 924-1038.

KEY WEST, FL - April 20-27, sleeps 4, on water, terrace, separate bdrm., kit., w/d, jacuzzi, VCR, pool, gym, priv. beach, boat/water sport rental, walk to town, Tiki Bar. Sheryl, Ext. 5384.

BOQUERON, PR - 2-bdrm. condo, pools, tennis, snorkeling, beautiful beaches, $300/wk., $700/mo. Don or Sue, 473-6570 after 7 p.m.

For Sale

BROOKHAVEN - 3-bdrm. cedar shake Cape, l/r, d/r, eik, hot tub, full unfin. bsmt. w/shop, 2-car gar. w/shed, near boat ramp, low taxes, $210,000. Hurst, Ext. 3844.

BROOKHAVEN HAMLET - 4-bdrm. Cape Cod, 2 baths, d/r, l/r, eik, 2-car gar., 20' deck, patio, more, close to bay, ¾ acre, red. to $219,000. Ext. 7108 or 286-0271 eves, or Carl, 214-708-2058.

CENTEREACH - 4-bdrm. hi-ranch, l/r, d/r, eik, 2 full baths, large fam. rm. w/fp, deck, pool, large fenced yard, $135,000. 698-8514.

CORAM - Strathmore East, 4-bdrm. ranch, 2 baths, cath. l/r, 2-car gar., gas heat, fenced corner lot, $120,000. Ext. 3791 or 928-7154 after 7 p.m.

MATTITUCK - 2-bdrm. ranch, l/r, d/r, full bsmt., porch, deck, gar., walk to beach, near marina, 24 mi. from Lab., $162,000. Dave, Ext. 5460.

MANORVILLE - land, 175' x 434', $72,000 firm. Fred, 878-9102.

MIDDLE ISLAND - Lake Pointe, 2 bdrm., l/r-d/r area, all appl., w/d, wood deck off master bdrm., cac, gas heat hot water, pool, clubhouse & tennis, bsmt., ask. $69,000, neg. Bob, 924-7316.

MIDDLE ISLAND - 3-bdrm. ranch, eik, den w/fp, d/r, l/r, 1½ baths, screened porch, full bsmt., wooded ½ acre, $155,000. 924-6051.

N. SHIRLEY - 3-4 bdrm., l/r, d/r, 2 baths, ½ bsmt., new appl., laund. rm., 2 decks, pool, ½ acre, near LIE, Lab, Longwood SD, $134,000. 345-3778.

PORT JEFFERSON STATION - 3-bdrm., 4-yr. Colonial, l/r, d/r, den, eik, 1½-baths, gar., vinyl siding, fence, lg sprinklers, gas util., sewers, $139,990. Ext. 4985 or 331-8459.

SHOREHAM - N25A, 4-bdrm., 2½ baths, 2-car gar., ⅓ acre, energy efficient, fully fenced, SWR schools, full bsmt., low heat costs, near schools, shopping, $165,000. Rich, 744-0960.

SHOREHAM - 3-4 bdrm. California-style ranch, ½ acre, ig sprinklers, eik, l/r, d/r, 1½ baths, large workshop, storage room, 5 appl., 5 min. to Lab, $154,500. Ext. 2833 or 744-7172.

YAPHANK - Colonial Woods, 3-bdrm. condo, 2½ baths, fin. bsmt., ac, 5 min. to Lab., owner relocating, $105,000. 751-2216.

PALM BAY, FL - near Melbourne, 2-bdrm. condo, 2 full baths, l/r, d/r, kit., w/d, pvt. screened patio, completely furnished, heated pool, near beach, malls, $65,000. 698-8514 after 5 p.m.

MARCO ISLAND, FL - 1 week lifetime timeshare in Sunrise Bay Resort, 4 person occupancy, 20 min. from Naples, week starting on Apr. 15, boat & dock use incl, $10,000. F. Trapani, 744-6014.

FREEHOLD, NY - 5 acre bldg. site, 700' road frontage, near Windham & Hunter Mts., ski areas, golf, ½-hr. off NY Thruway. 584-6729.

HUBBARTON, VT - 38 deeded acres, on town-maint. road w/power, phone, wooded, 30 min. to Killington, views of Lake Bomoseen, $36,000. Tom, Ext. 2823.

Wanted

BIKE - used mt. bike or 12-spd., good quality for 5'10" male teen. Ext. 7657 or 298-9560.

AUDIO COMPONENTS - tubed, working or not, by Marantz, Macintosh, RE Brociner or Western Electric. Jim, Ext. 4584.

BOWLER - female, for employee mixed league team, Thurs. eve, Shirley. Bob, Ext. 4184.

BASS GUITAR - electric for lefty; guitar amp, 20 W min. Wick, Ext. 7527.

HOUSEMATE - nonsmoker to share house, $350/mo., fp, fenced yard, quiet neighborhood. Daniel, 281-4372.

MOTIVATED INDIVIDUALS - to share ideas about business ventures. Pat, 696-4234.

BABY GRAND PIANO - good condition, reasonable, black or white. Ext. 4086 or 744-6929.

SEAMSTRESS — to make drapes. Karen, Ext. 4262.

BABY-SITTER - mother or teenager, occasional afternoons/eves. for a 3-5 yr. old. Ofra, Ext. 3076.

CANOE PADDLES - life jackets and marine cushions. Ben, Ext. 4299.

REFRIGERATOR - compact size, washer & dryer, apt. size, good cond. Kumi, Ext. 3193.

REFRIGERATOR & STOVE - apt. size. 289-7902.

TRAINS — Lionel & American Flyer, priv. collection, pay top $. Bruce, 924-4097.

MOTHERS - of preschool children to form a Mother-Toddler Group. Terry George, Ext. 3009.

WHOEVER TOOK MY GOLD CORTEZ ELECT. GUITAR - from AGS EAG area, please return, no questions, we forgive. Fred Kuehl, 282-7947.

JUNK TOYOTA TERCEL - 80-81, h/b, for parts, or leads to same, will pick up, finder's fee. Bill, Ext. 4312 or 281-6498.

NEW TOASTMASTERS - improve public speaking, Tues., 5:15 p.m., Brookhaven Ctr., holiday dinner party meeting, Dec. 6. Margaret, Ext. 3644.

BUS TRIP - to Brooklyn Gardens & Museum w/Little Italy or shopping in NYC Sunday, 12/9, $17.50/person. Ext. 2877 or 289-8428 by 12/5.

PORTABLE TELEPHONE - good cond., any brand. Pete, Ext. 2498.

FOR DESERT SHIELD TROOPS — TLC items: reading matter, toiletries, food, bottled water, collection box in Bldg, 130. Cheryl, Ext. 2272.

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