BROOKHAVEN BULLETIN
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BROOKHAVEN NATIONAL LABORATORY

Two New ATF Experiments Approved

The third annual Accelerator Test Facility (ATF) Users' Meeting, held at Brookhaven on October 15, resulted in the outright approval of two new experiments for the facility and a phase-one approval of another.

The centerpiece of BNL's Center for Accelerator Physics, the ATF is a small linear accelerator, which operates in conjunction with a high-power, short-pulse laser to produce one of the brightest electron beams in the world. By the middle of next year, the ATF will be used by accelerator physicists for research into new methods of accelerating high-brightness beams of electrons and other particles, and producing intense, coherent electromagnetic radiation.

The ATF Users' Meeting drew 38 physicists from around the Lab and the country, who were updated on the progress of the ATF itself and the six previously approved experiments, and presented with proposals for four more.

As the users learned, the ATF injection system has been operational since this spring, producing pulses of electrons with energy up to 4.5 million electron volts (MeV). Within two months, the electrons are expected to be injected into the 20-foot-long linac to be accelerated up to 50 MeV.

By mid-1992, ATF beam will be delivered down a 100-foot-long transport line to three experimental beam lines. Users gave progress reports on the six experiments so far approved to be located at the ends of those beam lines: a laser linac, a visible free electron laser (FEL) oscillator, an inverse Cerenkov accelerator, a non-linear Compton scattering experiment, a FEL spiking phenomena study, and a pulsed FEL wiggler.

After listening to four new proposals the day of the meeting, the CAP advisory committee, which advises CAP Head Robert Palmer on the ATF experimental program, deliberated those proposals for an extra day. The committee is chaired by Maury Tigner of Cornell University and includes Horst Foelsche, BNL; Samuel Krinsky, BNL; and Andrew Sessler, Lawrence Berkeley Laboratory.

They decided and Palmer agreed to approve fully the development of a far-infared radiation source by Dartmouth College, and an experiment in harmonic generation, to be performed as a proof-of-principle experiment for the ultraviolet FEL facility proposed by the National Synchrotron Light Source as Brookhaven's future light source.

Further, an inverse FEL experiment has been given phase-one approval. This provides the experimental team with the opportunity to demonstrate important technologies needed for the success of the experiment before beam time is allocated. — Marsha Belford

Roger Stoutenburgh

Backed by a slide of the Accelerator Test Facility (ATF), (from left) William Willis and Robert Palmer, respectively the former and present heads of BNL's Center for Accelerator Physics, take a break with David Sutter, Chief of the Advanced Technology R&D Branch of the U.S. Department of Energy, during the third annual ATF Users' Meeting.

Hundreds of High Schoolers at Career Awareness Day

As part of the Career Awareness Day, the panel discussion on education, led by Michelle Cummings of the Management Information Systems Division, presented profiles of hypothetical students considering college education. The audience was encouraged to address comments and questions to the five panelists: (from left) Angela Johnson, Reactor Division; Y. Renée Flack, Office of Educational Programs; Dwayne Branch, Department of Nuclear Energy; Mary White, Personnel Division; and Peter Esposito, also in Personnel.

— Photo by Roger Stoutenburgh

It sounded like a high school pep rally in Berkner Hall the morning of October 22.

Close to 300 minority and female high school students from all over Long Island had come to BNL for the Lab's Career Awareness Day, and Frances Ligon, Office of Equal Opportunity, stood at the podium to begin the day's activities. When she was done interacting with the teenage crowd, which had come from targeted Nassau and Suffolk County schools and one school in Manhattan, the young people were eager to get on with the program.

On the agenda that day were: a workshop on job-seeking techniques, conducted by the New York State Department of Labor; exhibits presented by BNL departments and divisions, where the students chatted informally with BNL staff and learned about a variety of careers in scientific and technical fields; career-oriented displays by various companies that do business with the Lab; a panel discussion on education; and a tour of the Exhibit Center/Science Museum.

The students also received packets that included a brochure on scientific and technical career options, entitled, "The Future Is Yours — Get Ready!"

According to Ligon, who coordinated the event, the career day was the culmination of hard work on the part of many groups and individuals. She thanked in particular the Career Awareness Day Committee, the Affirmative Action Advisory Committee, the Office of Equal Opportunity, the Office of Educational Programs and the Personnel Division.

AUI Distinguished Lecture

From Laboratory To Boardroom

As a postdoctoral fellow at Brandeis University, Michael Schulhof did research at BNL, from 1970 to 1972 in solid-state physics involving magnetic phase transitions. Since then, he has made a major transition of his own — going from the laboratory to the boardroom.

Today, Schulhof is the highest-ranking American at Sony Corporation, the Japanese-based corporate giant. He is vice chairman of Sony USA, the American division of Sony Corporation. He was also recently appointed president of Sony Software Corporation, a new company created by Sony Corporation to oversee its film, music and electronic publishing interests, which last year netted $5 billion and employs 18,000 people worldwide.

This prominent business leader has

Michael Schulhof

spearheaded the development, introduction and marketing of compact discs in America, and he was instrumental in Sony's acquisition of Columbia Pictures, Inc.; Guber-Peters Entertainment Company; and CBS Records, Inc., which is now Sony Music Entertainment.

In an AUI Distinguished Lecture entitled "Phase Transition: The Physicist as CEO," which will be held on Thursday, November 7, at 4:30 p.m. in Berkner Hall, Schulhof will discuss his transition from the research labs at Brookhaven to the global hierarchy of Sony Corporation. One of his conclusions is that corporate boards of directors would benefit significantly if they included more scientists. Schulhof's talk will be introduced by BNL's Deputy Director Martin Blume, with whom Schulhof interacted when he came to the Lab as a postdoctoral student.

Schulhof has been a key member of upper management in the Sony Corporation since the mid-70s. He was the first American to be appointed to the board of a major Japanese corporation, Sony Corporation of Japan. He also serves on the boards of directors of Sony USA; Sony Corporation of America; Sony Music Entertainment; Sony Pictures Entertainment; The Museum of Broadcasting; and Computer and Business Equipment Manufacturers Association.

A native of New York, Schulhof earned his B.A. degree at Grinnell College, his M.S. at Cornell University and his Ph.D. at Brandeis University.

Schulhof's talk is part of the lecture series started by Associated Universities, Inc. in 1965, focusing on topics of general interest to the public presented by experts in various fields.

Today is Computer Compliance Cutoff

The Computing & Communications Division (CCD) has established compliance requirements for exporting files from its mainframe computers. As of today, November 1, CCD will stop exporting networked file system to machines that are not compliant. Thus, those computers will not be able to mount file systems via the network from any CCD servers.

Anyone affected by these requirements whose computer is not yet compliant is urged to contact the HELP DESK at Ext. 4159.

Service Awards

The following employees celebrated BNL service anniversaries during the month of October 1991:

40 Years

Peter Colombo.....Nuc. Energy
Joseph Weneser.....Physics

35 Years

Kenneth J. Boehm....Photo. & G. Arts
Martha A. Heine.....Saf. & Env. Prot.
Lee C. Rogers.....Instrum.

30 Years

David R. Brady.....Physics
Edward T. Erhardt.....Plant Eng.
John H. Scharpeger.....SMD

25 Years

Johannes Claus.....Accel. Dev.
Russell S. Dunn.....Saf. & Env. Prot.
Thomas P. Lanigan.....Reactor

20 Years

Yong Y. Lee.....AGS
William J. Sells.....Saf. & Env. Prot.
George J. Virtes.....Physics

10 Years

Michael A. Caruso.....NSLS
Khem P. Fatimi.....Occ. Med.Clinic
Richard L. Freudenberg.....NSLS
Thomas A. Gilbert.....Sfgrds. & Sec.
Richard N. Heese.....NSLS
Louise A. Hulbert.....NSLS
George P. Jahnes.....NSLS
Adam J. Leskowicz Jr.....AGS
Lazarus G. Ratner.....AGS
Irma J. Reilly.....Photo. & G. Arts
Terje A. Skotheim.....App. Science
Samia Thomas.....NSLS
John G. Trunk.....Biology
Paul M. Ziminski.....AGS

Hospitality News

To welcome newcomers to the Lab, especially those living in the apartment area on site, the Hospitality Committee will hold an informal get-together on Tuesday, November 5, at 9:30 a.m., at the Brookhaven Center.

Spouses of Lab employees and guests are welcome to come and get acquainted. Coffee, tea and danish will be served. Bring the children as free baby-sitting will be provided.

Arrivals & Departures

Arrivals

Charles A. Amarito.....Accel. Dev.
Wey-Sheng Lin.....Medical
John J. Maraviglia.....Reactor
James A. Massimo.....Accel. Dev.
Robert J. Sullivan.....Accel. Dev.
Margaret H. Thompson.....Biology
Zygmunt W. Twardowski.....AGS
Robert Wong.....Accel. Dev.

Departures

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

Alexander S. Andolfi.....Accel. Dev.
Kevin O. Byrne.....Photo. & G. Arts
Debra L. Zahra.....Photo. & G. Arts

Addled Addresses

- Current Resident
  Brookhaven National Bldg.
- Brourhaven Ntl Lab
- Book Haven Laboratory
- Spookhaven National Lab.

Coming Up

The Fox Family Bluegrass will appear in concert in Berkner Hall tonight at 8 p.m. Tickets may be purchased at the door for $6 for adults and $3 for children under 12.

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Physicist Peter Johnson, Physics Department, will deliver the next Brookhaven Lecture, on Wednesday, November 13. His talk on "The Magnetism of Surfaces" will begin at 4 p.m. in Berkner Hall.

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

T.D. Lee Back as Haworth Scientist

Nobel laureate T.D. Lee, University Professor and Enrico Fermi Professor of Physics at Columbia University, will arrive on Sunday, November 3, to continue his appointment as a Haworth Distinguished Scientist in the Physics Department. Before he leaves on November 8, Lee will have delivered two talks:

- **"Fundamental Theories in Terms of Difference Equations"** will be discussed on Monday, November 4, in a lecture of Labwide interest, to begin at 4 p.m. in Berkner Hall. A reception will follow.

As Lee will explain, conventionally accepted fundamental theories of physics, such as QCD, the standard model and general relativity, are approximations. He will suggest that since they are not exact, they should be based on difference equations.

- **"Are Black Holes Black Bodies?"** is the question that Lee will address in his physics seminar on Thursday, November 7, at 11 a.m. in the Physics seminar room, Bldg. 510.

T. D. Lee has had a long relationship with BNL: As a summer visitor here in 1956, he worked with C.N. Yang on the theory of parity nonconservation, for which they shared the Nobel prize in 1957.

Those interested in meeting or talking with Lee during his stay are encouraged to contact him directly after his arrival in Room 2-28, Bldg. 510, Ext. 3738, or call Isabell Harrity, Ext. 2534.

The Haworth Distinguished Scientist appointments honor the memory of Leland J. Haworth, BNL's second Director. Haworth lecturers spend from one to three weeks per year in residence at Brookhaven, for up to three consecutive years.

Ukrainian String Artists in Concert

Two prominent Ukrainian musicians — violinist Oleh Krysa and pianist Mykola Suk — will join together to play three Beethoven sonatas at the season's second BERA concert on Wednesday, November 6 at 8 p.m. in Berkner Hall.

A highly-respected artist in the Soviet Union for many years, violinist Oleh Krysa won critical acclaim when he first toured the U.S. in 1971. American critics were again greatly impressed with his performances when he returned 18 years later to give recitals at Carnegie Hall, the Kennedy Center, and other prestigious concert halls. Krysa has won top prizes in the Paganini, Tchaikowsky and Wieniaski competitions, as well as the Montreal International Violin Competition.

In 1971, pianist Mykola Suk won first prize at the International Liszt and Bartok competition in Hungary, and more recently, he made his conducting debut. His reputation as a virtuoso on the keyboard was further enhanced when he performed the complete cycle of Beethoven's violin and piano sonatas with Krysa, which won great critical praise.

Oleh Krysa and Mykola Suk

The two artists will perform three Beethoven sonatas in the BERA concert: Sonata No. 3 in E-Flat, Op. 12, No. 3; Sonata No. 5 in F, Op. 24, *Spring*; and Sonata No. 9 in A, Op. 47, *Kreutzer*.

Tickets for the concert can be purchased at the door. Prices are $12 for general admission, $9 for students and people over age 65, and $5 for youths under 18.

Note to Employees:

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

Save on Medical and Day Care Expenses With Reimbursement Accounts

If you spend more than $300 per year on medical deductibles, and unreimbursed health costs or uncovered medical expenses such as eyeglasses and physical exams, then setting up a Health Care Reimbursement Account may save you money.

If your expenses for either private or center-based care for children under 13, or elder care, or day care for a physically or mentally disabled dependent are more than $300 annually, then establishing a Dependent Day Care Reimbursement Account may save you money.

And, if you have both of these expenses, then you may benefit doubly by signing up for both types of accounts.

What Are Reimbursement Accounts?

Also known as flexible spending accounts, reimbursement accounts allow employees to withdraw tax-free dollars that were set aside through salary reduction to pay for eligible health care and/or dependent day care expenses. By paying such expenses through reimbursement accounts, the cost of these expenses is decreased because of tax savings.

Enrollment for reimbursement accounts is going on now through December 2. For calendar year 1992, eligible employees may set aside $300 to $1,500 in a Health Care Reimbursement Account. From $300 to $5,000 may be deposited in a Dependent Day Care Reimbursement Account.

Those who work at BNL at least 20 hours a week are eligible to enroll for one or more reimbursement accounts, and all those who want to sign up for 1992 must fill out new forms. For their convenience, those who have 1991 accounts will be sent new enrollment forms, and those employees whose children are enrolled at BNL's Child Development Center will receive a special mailing on the dependent day care account.

"Starting January 1, the Major Medical deductible will be increased to $250 per person and $650 per family. And many of our employees with children are now paying $475 to 495 per month for day care at our own Child Development Center. So, those who have not established reimbursement accounts before should reconsider their options again this year," states Richard Schonberg, Deputy Manager of the Personnel Division. Reimbursement accounts allow employees to use tax-free dollars to pay for health care and dependent day care costs. By using these before-tax dollars to pay these expenses, employees effectively lower the actual cost of these expenses.

Franklin Federmann, Chief Internal Auditor for Associated Universities, Inc., provided examples of total federal income, New York State income and FICA tax savings based on current tax rates. For instance, if a married employee who has two dependent children, files a joint tax return and takes a standard deduction were to set up a Health Care account with $750 or $1,500:

Amount in Account	Approx. Tax Savings For taxable Income of: $25,000	$35,000	$55,000	Amount in Account	Approx. Tax Savings For taxable Income of: $25,000	$35,000	$55,000
$750	$230	$230	$300	$1,500	$460	$460	$540

"As you can see, $750 in medical expenses paid through a Health Care account would cost an employee with a taxable income of $25,000 or $35,000 only about $520 — because of a $230 savings through a reduction in taxes. Likewise, $1,500 in medical expenses would be reduced to $1,040 by a $460 savings in taxes," explains Federmann.

Federmann's example for the Dependent Day Care account is a married couple earning less than $53,400, who contribute $5,000 to the account. Their tax savings comes to about $2,180, so a $5,000 expense for day care actually costs that couple only $2,820.

A Few Caveats

There are a few tips — such as estimating your expected expenses for next year — and caveats — including the "use it or lose it" policy of the IRS regarding money left over in these accounts at the end of the year — that should be understood before signing up for these accounts.

To get answers to your reimbursement-account questions, or to obtain informational pamphlets and enrollment applications, contact Personnel Services in the Personnel Division, Bldg. 185, Ext. 2877. Completed forms must be returned to Personnel Services by December 2, for coverage to be effective January 1, 1992.

Artistic Harvest Of Fine BNL Art

More exhibits are needed for BNL's 12th Biennial Fine Art Show — this year entitled "Artistic Harvest."

The show will be held at Berkner Hall, Tuesday to Friday, November 12-15, from 11:30 a.m. to 1:30 p.m. daily, with an evening reception from 5 to 7:30 p.m. on Tuesday.

As BERA members, all employees, guests, retirees and their families are invited to contribute paintings and sculpture to the show.

For more information, call Robert Chrien, Ext. 3903, or Liz Seubert, Ext. 2346.

Social Club News

The Social Club has scheduled the following events:

- **Disney's World on Ice** — Sunday, November 24, 3 p.m., Nassau Coliseum, $15 each, money due as soon as possible.
- **WF Wrestling** — Friday, December 13, 8 p.m., Nassau Coliseum, $18 each, money due by 11/1.

Call Doris Terry, Ext. 7610, for more information and reservations.

Atlantic City Trip

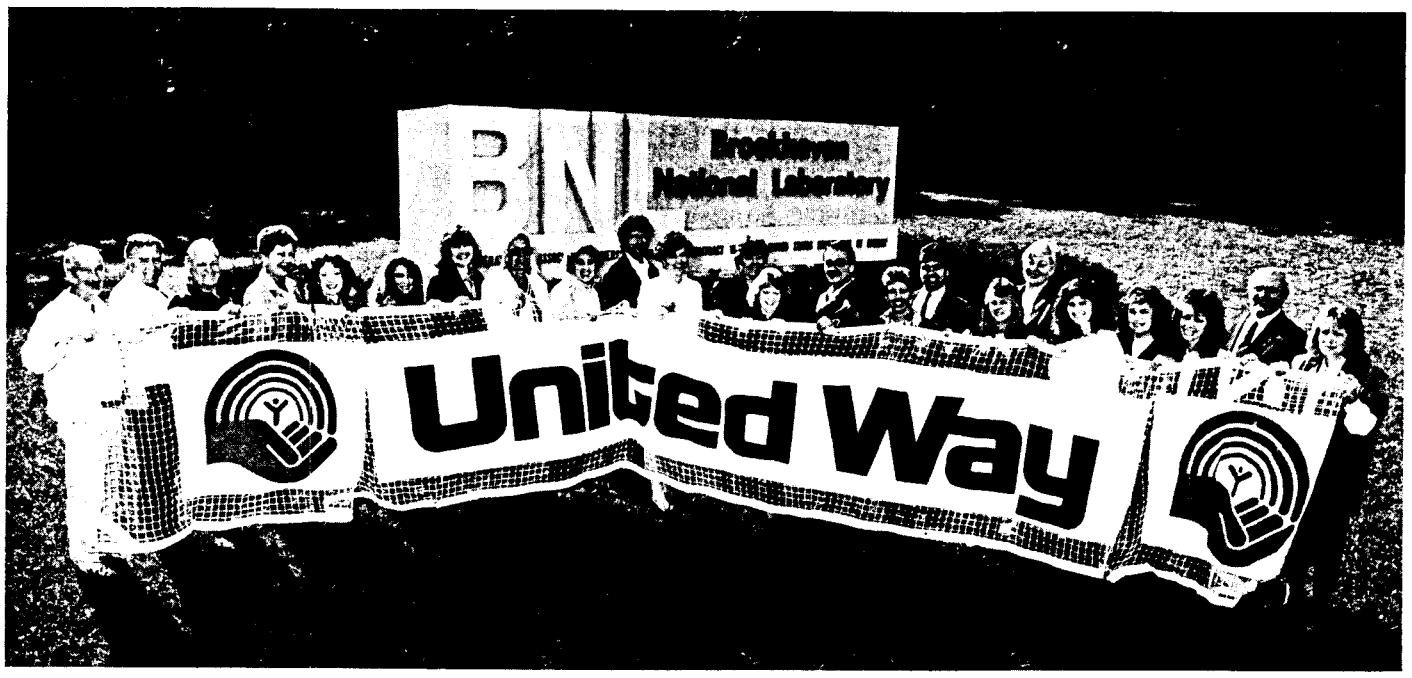
Seats are still available for the next BERA-sponsored one-day trip to Trump Castle Hotel and Casino on the Marina in Atlantic City, on Saturday, November 16. The initial cost will be $20, but the hotel-casino will give a $10 coin return, $4 towards food and a $5 deferred return bus voucher.

Tickets are on sale now at the BERA Sales Office in Berkner Hall weekdays from 9 a.m. to 2 p.m.

The bus will leave the Brookhaven Center promptly at 9 a.m. and return about 11:45 p.m. There will be an extra pickup at LIE Exit 63, if requested.

For more information, call Carolann Zebrowski, Ext. 3347; Rosalie Piccione, Ext. 3160, or M. Kay Dellimore, Ext. 2873.

BNL Family Stands Behind the United Way



Counseling, tutoring, job placement and recreational activities for young people . . . social and rehabilitation services for the deaf and deaf-and-blind . . . these are the concerns of three newcomers to the long list of human-service agencies operating on Long Island today thanks to warm-hearted contributors to the United Way.

Meet the Agencies

On Monday, November 4, representatives from at least a dozen agencies helped by the United Way will mount information booths at Berkner Hall at lunchtime. Stop by to learn how to get assistance and to see how donations can make all the difference to someone in need. Among the agencies will be Selfhelp Community Services; Apple, Inc., for drug and alcaholic rehabilitation; Foster Grandparents Program; Visiting Nurse Service; Family Recover Center; and more.

Prizes for Early Pledges!

This year, BNL's United Way fund drive starts on November 4. Thanks again to the generosity of Associated Universities, Inc., Local 2230 International Brotherhood of Electrical Workers (IBEW), Local 8-431 Oil, Chemical and Atomic Workers (OCAW) International Union, and the Long Island Guards Union No. 37, every pledge card received will be entered in weekly drawings. Prizes will be dinners for two in local restaurants, with a grand end-of-the-drive drawing on November 18 for a weekend for two in New York City, with theater tickets, dinner, room for two nights, brunch and parking.

For further information, call fund-drive organizer Mike Hurley, Ext. 7400, or one of the following department/division representatives.

ADD: Cynthia Murphy, Elaine Taylor, Virginia Waterman; AGS: Terry Vetter; AUI: Barbara Coughlin; Biology: Ann Emrick, Bonnie McGahern; C&CD: Thomas Albertina, David Niebuhr; Chemistry: David Comstock; Clinic: Bryce Breitenstein; DAS: Lenore Dudzick, Patricia Taylor; CSD: Alfred Campbell, Stephen Gracia, Christine King; DCP: Roseann Callister; DNE: Josephine Fanizza, Eena Mai Franz, James Guppy, Mary Anne McGrath, Kara Roman, Frances Scheffel, Teresa Skelaney, Peter Soo, Arthur Waligura; DO: Carole Kerr, Liz Seubert, Dawn Mosoff, Maria Yanez; Fiscal: Claire Geib; Instrumentation: Ronald Angona; Medical: John Heinrichs, Harry Ulyat; MIS: Michelle Cummings; NSLS: William Cahill, John Dunn, Michael Fulkerson, Nicholas Gmur, Lydia Lever, Edward McKenna, Judith Thompson, Nancy Wright, Charlotte Wrigley; PE: Philip Baker, Michael Cohen, Tirre Farmer, Marilyn Gibbons, Ivan Ludwig, Susan Perino; Personnel: Susan Foster, Rosa Palmore; P&GA: Phyllis D'Avanzo; Physics: Eileen Morello; Reactor: Jeanne D'Ascoli, Jennifer Schwarz, Pam Yerry; S&EP: Kathy Schoenig; S&SD: Kenneth Baumeister, Michael Hurley, Alan MacIntyre, Susan Rackett, Michael Timm; SMD: Michael Guacci; SSD: Joan Perullo; TID: Patricia Campbell, Kathy Vivirito, Avril Woodhead.

— Photo by Roger Stoutenburgh

Touch Football

Standings at end of week 5

	W	L
Bad Boys	6	1
Untouchables	6	1
Scram	2	5
The Other Guys	2	5

Scores for week 5

Monday, 10/14		Wednesday, 10/16	
Bad Boys	25	Bad Boys	27
Untouchables	21	The Other Guys	0

Volleyball

Standings as of October 23

League I		Open League	
Network News	3-0	Magnum	3-0
Dinkers	3-0	Phoenix	3-0
Setups	3-0	GTeam	2-1
Upfagrabs	2-1	Penetrating Vollies	1-2
Rude Dogs	1-2	Me & the Boys	0-3
Six Pack Attack	0-3	Leftovers	0-3
Bumps & Sets	0-6		

League II		League III	
Night Court	3-0	Renegades	3-0
Net Wits	3-0	Over the Top	3-0
Mon. Night Live	3-0	Sourcerers	2-1
Fossils	3-0	High Volley'em	2-1
Muffits	0-3	Nutcrackers	1-2
Just Up	0-3	Interns	1-2
Volley of the Dolls	0-3	Good Timers	0-3
Upton Ups	0-3	Silver Bullets	0-3
Nuts & Bolts	0-0	Undertakers	0-0

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Islander Tickets Still Available

The following tickets are still available through BERA for the 1991-92 New York Islander season:

Tue. 10/29	San Jose (4)	Tue. 1/14	Detroit (2)	Sun. 2/23	Washington (2)
Wed. 11/27	Boston (2)	Thu. 1/16	Philadelphia (2)	Sat. 2/29	New Jersey (4)
Thu. 12/5	Montreal (4)	Thu. 1/23	Toronto (4)	Tue. 3/3	Montreal (2)
Tue. 12/10	St. Louis (4)	Sat. 1/25	Pittsburgh (4)	Tue. 3/10	Philadelphia (2)
Thu. 12/26	New Jersey (4)	Sun. 2/2	Calgary (4)	Sat. 3/14	Buffalo (4)
Thu. 1/9	Hartford (4)	Sat. 2/15	Vancouver (2)	Thu. 3/26	San Jose (4)
Sat. 1/11	St. Louis (4)	Mon. 2/17	Winnipeg (4)	Sun. 3/29	Detroit (4)
		Sat. 2/22	Minnesota (4)		

For more information, call Carolann Zebrowski at the BERA Sales Office, Ext. 3347, weekdays, 9 a.m. to 2 p.m.

Cafeteria Menu

Luncheons

Monday, November 4	
Soup: Amish-style chicken corn	.75/.95
Entree: Baked quarter chicken w/1 veg.	3.10
Entree: Beef & bean burritos w/1 veg.	3.10
Fitness: Baked fish Kiev	3.10
Carvery: Hot pastrami sandwich	2.85
Grill: Monte Cristo w/French fries	2.85
Tuesday, November 5	
Soup: Onion	.75/.95
Entree: Pizza for one	3.25
Entree: Chef's choice	3.10
Fitness: Veal Florentine w/1 veg.	3.45
Carvery: Prime rib special	3.65
Grill: Chicken croissant sandwich, fries	2.95
Wednesday, November 6	
Soup: Black bean	.75/.95
Entree: Baked macaroni & cheese w/veg.	3.10
Entree: Chef's choice	3.10
Fitness: Beef stew over noodles	3.10
Carvery: Baked ham sandwich	2.85
Grill: Grilled Reuben on pumpernickel	2.85
Thursday, November 7	
Soup: Cream of potato	.75/.95
Entree: Braised short ribs of beef w/veg.	3.10
Entree: Nachos supreme	3.10
Fitness: Filet of fish w/Creole sauce	3.10
Carvery: Hot corned beef sandwich	2.85
Grill: BBQ pork on hard roll w/fries	2.85
Friday, November 8	
Soup: New England clam chowder	.75/.95
Entree: Stuffed pepper w/1 veg.	3.10
Entree: Baked fish w/lemon butter, veg.	3.10
Fitness: Turkey tetrazzini w/1 veg.	3.10
Carvery: Hot turkey sandwich	2.85
Grill: Fried clams on a bun w/fries	2.85

Archery Club

The Archery Club will hold its monthly meeting on Thursday, November 7, at noon, in the Physics seminar room lounge, Bldg. 510. New members are welcome. For information, call Bill Schoenig, Ext. 2377.

Bowling

Red/Green League

R. Wiseman had a 258/618 scratch series, R. Mulderig 255/226/671 scratch, K. Riker 247, P. Ouvrard 244, H. Arnesen 232, R. Eggert 226/221/202/649 scratch, A. Sauerwald 219, H. Dawson 214, A. Warkentien 213/210/605 scratch, L. Jacobson 208, H. Marshall 206, K. Asselta 204/201, S. Dimaiuta 204, R. Larsen 202.

White League

Joe Ferrante had a 233/201/608 scratch series, Joe Mayeski 223, Ken Riker 201, Gerry Riker 200, John McCarthy 200, Tracy Ryan 190, Marilyn Picinich 181, Jim Biamonte converted the 6/7/10.

Purple League

Lee Grimes had a 228/201/600 scratch series, Dee Collins 228, Andy Warkentien 228, Sam Logan 221, Mary Addessi 211, Pat Manzella 202/186, Phil Radusewicz 202, Debbie Keating 201, Caryl MacDougall 194, Kathy Griffin 189.

Note to Diners

As normal working hours will end at 3 p.m. on Election Day, Tuesday, November 5, the Cafeteria will also close for the day at 3 p.m.

Classified Advertisements

Placement Notices

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

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

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

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

LABORATORY RECRUITMENT - Opportunities for Laboratory employees only.

MK 8714. RESIDENT SERVICES SUPERVISOR - Responsible for first-line supervision in the resident services section of Division. Will direct employees on jobs, including assignment, training, scheduling and technical direction, and coordinate work of unit, maintaining records, and preparing reports. Will be responsible for safety requirements of section, inventory maintenance, supply distribution, and organization in section warehouses and storage areas. Requires good oral and written communication skills. Staff Services Division.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

NS 6116. PHYSICS ASSOCIATE POSITION - Requires BS in physics or equivalent and good communication skills. Working knowledge of accelerators is desirable. Responsibilities include developing proficiency with control systems,

Classified Ads (cont'd)

troubleshooting accelerators according to physical models, documenting machine performance, and providing operations support. Rotating shift work required. Alternating Gradient Synchrotron Department.

DD 0132. CARPENTER - Under minimum supervision lays out, constructs, modifies and maintains buildings and component parts from construction drawings, rough sketches or verbal instruction. Works with wood, wood substitutes and combination materials, and flooring, roofing, and wall materials. Plant Engineering Division.

DD 8462. PHOTOGRAPHY AND GRAPHIC ARTS SPECIALIST C - Requires darkroom experience including slide mounting, photographic processing, reproduction and maintenance. Will be expected to work from written or oral directions to execute black and white or color photographic reproductions. May also perform general clerical duties such as filing, typing and the taking of job orders as required. Photography and Graphic Arts Division.

LF 8694. ENGINEERING POSITION - Requires MS degree or higher in industrial hygiene or related field, a minimum of 5 years' experience in field and project management, and knowledge of computer databases pertaining to field. Responsibilities include development of guidance and technical review documents, industrial hygiene consultation, maintaining chemical hazards information center and providing broad-based technical support to DOE's industrial hygiene program division. Safety and Environmental Protection Division.

LF 0838. SCIENTIFIC ASSOCIATE POSITION (two openings) - Requires MS/PhD in related field or equivalent, a strong background in crystallography, and good oral and written communication skills. Responsibilities include working on the analysis and verification of macromolecular structure data as received by the Protein Data Bank. Chemistry Department.

Motor Vehicles & Supplies

89 FORD AEROSTAR - 4-spd. w/o.d., ac, many extras, 24.9k mi., mint cond., asking $9,250. Ext. 3436 or 485-0905.

89 HYUNDAI EXCEL GLS - 4-dr. sedan, ac, high power am/fm cass., p/sunroof, 34k mi., 33 mpg, $4,900. Lloyd, Ext. 5225.

88 PONTIAC GRAND PRIX SE - white, w/gray leather int., 2.8L, V-6, ext. warr., 33k mi., $10,500. 369-2716 after 6 p.m.

88 DODGE DAYTONA - 5-spd., 4-cyl., am/fm cass., 75k mi., $4,000. Ext. 2152 or 447-5774.

88 TEMPO - 4wd, loaded; '85 Ford LTD wagon, a/t, ac, 3.8L, V-6, am/fm, $2,100. E. Harris, 475-8504.

87 VW SCIROCCO 16V - black, fuel injected, power everything, $5,700 neg. Ext. 4751.

85 CHEVY MOTOR - Good Wrench, 231 cu. in., V-6, best offer over $150. Frank, Ext. 2314 or 567-6419.

85 TRANS AM - p/b, p/w, p/m, T-top, fuel injected, $3,500. Bob, 796-4322.

84 MERCURY GRAND MARQUIS - 4-dr., white, blue top, blue leather, all options, 60k mi., $4,900. Joe, Ext. 2975.

84 CAMARO - V-6, p/s, p/b, a/t, p/w, ac, white, good cond., 477-6820 after 6 p.m.

84 PONTIAC FIERO - 2.5L, 4-spd., 48k mi., p/w, luggage rack, tinted windows, cruise, $2,500. Ext. 4590.

84 OLDS DELTA 88 - white w/blue hardtop, 93k mi., excel. cond. Toner, Ext. 2769.

TIRES - two, Goodyear, 2-205/75R14, 2-8.75-16.5 LT, 1-white J-78-15 polybelt snow on rim. Joann, Ext. 5671 or 472-6742.

Boats & Marine Supplies

30' CHRIS CRAFT - 1959, twin 350s FWC, F/B, more, $3,000 firm; 28' Carver, 1973, twin 302s FWC, F/B, more. Harry, Ext. 7527 or 744-2715.

24' CHRIS CRAFT - Lancer Sport runabout, low hours on newer engine, new canvas, cuddy cabin. Ron, Ext. 5905 or 298-5625.

18' HOBIE CAT - 1990, white mainsail, red jib, used only 5 times, w/1991 trailer, sacrifice, $4,500. 473-1456.

12' SHAKESPEARE - fiberglass, trolling motor, depth recorder, trailer, $975. Tom, 434-9345.

ANCHOR - mushroom, 100 lbs., 50' galv. chain, large buoy line, hooks, used one season, $125 takes all. Joe, Ext. 2975.

CLAM TONGS - 20 yrs. old, 16' long, $25. Frank, Ext. 2314 or 567-6419.

Furnishings & Appliances

BED - rollaway, 72"x36", 5" urethane mattress, $75; queen-size air mattress, foot pump or blower inflation, $40. H. Wegner, Ext. 4581 or 286-8639.

BEDROOM SET - dbl. dresser, mirror, chest, dark pine, double bed, $300 neg.; shower base, 38", new, $100. Sue, Ext. 3492 or 289-6844.

CHINA CLOSET - oak, beveled glass front, glass sides, walnut, 1 drawer, mahogany credenza, glass doors, open sides. Mike, 929-4716 eves.

CHINA CLOSET - Queen Ann, $100; typewriter, $10; Samsonite luggage, 3 piece, $40; shadow box mirror, $40; old metal doll crib, $25. 878-6637.

COUCH - Ethan Allen, 7', excel. cond. 325-0447.

COUCH - Bassett, beige w/pattern, wide light oak trim, good cond., will deliver, $85. 369-2838.

COUCH - designer floral, $697; trundle bed, $297; antique wicker chairs, $50/both; loveseats, $97/ea.; dining table & 4 chairs, $397. 399-1868.

FOOD PROCESSOR - Cuisinart, never used, $60; Braun citrus juicer, never used, $15. 924-2839.

DESKS - $157/ea.; Castro convertible, $197. 399-1868.

DINING ROOM - contemporary, table w/leaf, 6 chairs, china closet, buffet, 5-light chandelier, $350 firm. Ed Grahn, Ext. 4792 or 265-3731.

DINING ROOM - dark wood, large china closet, table w/3 leaves, 6 chairs, will split, $500. Janet, Ext. 2345 or 929-3910.

DINING ROOM - country oak, 48" round pedestal table w/leaf, 6 carved back chairs, hutch w/etched glass, mint, 3 yr. old, $1,800. Bonnie, Ext. 2875.

DISHWASHER - Sears, 18", almond, excel. cond., $100. Pat, Ext. 4647.

DOORS - wood, louver, bi-fold, 1 set of 4 doors, 15" each, totaling 60"-76" high, $15. Lucille, 567-5570 after 5 p.m.

ELECTRIC RANGE - Hotpoint, chocolate brown, 5 yr. old, $150. Robin, 281-1734.

FREEZER - Kenmore, 15 cu. ft., chest, excel., $125. Ext. 4591.

GAS APPLIANCES - range/oven/microwave unit; clothes dryer; stove/oven unit, cheap. 924-5505 after 5 p.m.

HIGH RISER - v.g. cond., $75. Ext. 3866 or 286-0641.

HUTCH - Colonial, maple, w/glass-enclosed cabinets, 48"x18", mint cond., best offer. Bill, Ext. 4986 or 563-1940.

MATTRESS - boxspring, full size, v.g. cond., $60. Shen, Ext. 3748.

MEAT SLICER — non-elec., $7; jr. size ice hockey helmet, JOFA, full protection, $10. 473-6546.

OVEN - conventional, almost new, used fewer than 15 times, $45. Dusan, Ext. 5665 or 751-6829.

PIANO BENCH - rectangle, w/lift-up cover, $20; wicker hamper, $15. 732-2720.

REFRIGERATOR - 19 cu. ft., $75; GE dual oven range, $50. Ext. 2475 or 751-4539.

WATER BED - queen; his & hers dressers, all solid oak, w/mirror, will deliver, $650. Ext. 3499.

Tools, House & Garden

BELT DISC SANDER - 4"x36", ¾-h.p. motor, stand, extra belts & discs, $90; wood lathe, workbench, motor, much more, $120. 584-6002.

GARDEN SHED - 8'x14', you move, $25. Roger, Ext. 7518 or 878-8847.

SHREDDER/CHIPPER - Kemp, w/8-h.p. Kohler elec. start eng., like new, $650. Roy, Ext. 8586.

WOOD-BURNING STOVE - airtight, $50 neg. Pattie, 369-0962.

Sports, Hobbies & Pets

BICYCLE - Panasonic, woman's, 10-spd., 2 yrs. old, excel. cond. Tom, Ext. 5350.

BIRDS - orange-faced conure, talks, shoulder trained, w/cage & play gym, $600; cockatiel, white, finger trained, cage & gym, $150. 744-3069.

DOG RUNNER - 10x20 chain link, $50. Tony, Ext. 3194.

EXERCISE BIKE - DP Pacer, like new, $25. Fred Kuehl, Ext. 7947 or 588-2268.

FISH TANK - 50 gallon, complete set-up, $150/all. Roy, Ext. 7357.

ICE HOCKEY SKATES - Bauer, brand-new, never worn, size 9-9½, Ext. 4103 or 689-9234.

ORGAN - Viscount, dual, 44-key keyboards, reverb., rhythm & unique Leslie speaker effect, beautiful cabinet, like new, $350. Joe, Ext. 5131.

ROWING MACHINE - DP Bodytone 300, multi-gym, good cond., $50. Charlie, Ext. 2550.

SAXOPHONE - soprano, w/mouthpiece & case, $475. Phil, Ext. 7519.

SEWING MACHINE - Singer Deluxe Touch & Sew, w/attach., chair, Italian provincial wood cabinet w/4 drawers, $397. 399-1868.

SKI PANTS - woman's bib, Head, thinsulate lined, lavender, size 12, excel. cond., $20. 473-6546.

SKIS - K2, 165cm, poles, 280 Tyrolia bindings, 9-9½ Caber boots, $100. Mike, Ext. 7941.

SKI RACKS - gutter mount, adjustable for compact car, $15/ea. Joann, Ext. 5671 or 472-6742.

SLIDE PROJECTOR - GAF rotary, 2 carousels, $25. Tony, Ext. 3194.

WEIGHT STATION - Universal Marcy 1, orig. $1,500, asking $1,000. 345-2634 after 5:30 p.m.

Audio, Video & Computers

COMPUTER - Commodore 64 w/Star NX10 printer, 14" color mon., modem 300, 1541-II, floppy, more, neg. Ext. 2877 or 289-8428.

COMPUTER - IBS, 2 floppy disk drives, 640k, turbo 397 mon.; 26" console TV, wood cabinet, $397; York remote stereo, $157. 399-1868.

COMPUTER - Commodore 64, Excelerator disk drive, MPS 801 printer, lots of software, $250. Harry, Ext. 7527 or 744-2715.

KAYPRO MAGAZINES - assorted years, 1985-86, $6/all. Susan, Ext. 7647.

LP ALBUMS - 60s, 70s, 80s, over 500 to choose from, all excel. or new cond., $2/ea. or all for $1/ea. Harry, Ext. 7527 or 744-2715.

TAPES - 4.5hr Beta tapes, 15+, used but good cond., 75¢/ea. Paul, Ext. 7697 or 689-2829.

Miscellaneous

DESIGNER FRAGRANCES - for women & men, Shalimar, Bijon & Polo, Giorgio Red & more, 3.3 oz., $25. Lou Pergola, Ext. 3499 or 732-1028.

BABY CARRIAGE - brown corduroy, used once, mint cond., $80. Harry, Ext. 7527 or 744-2715.

LETTERING TEMPLATES - Leroy, full sets of Greek & English, many extras, best offer. Ext. 3492 or 289-6844 after 6 p.m.

PLANT HOLDER - brass plated, w/glass, $10. Bill, Ext. 4986 or 563-1940.

PORCELAIN CLOWN - $25; red night table, $20; glass lamp, $20; wicker trunk, $20; weed wacker, $50. Kathy, 744-2203.

SHOES - new, men's, wing tip, size 10, brown, leather soles, $20. Joe, pager 0925 or Ext. 2898.

Free

HOUSE PLANTS - pineapple top. Ext. 4144.

NATIONAL GEOGRAPHICS - 1969-89, complete, including Index Book. Hank, Ext. 2497.

REFRIGERATOR - old G.E., works fine, 924-5505 after 5 p.m.

Yard & Garage Sales

PORT JEFFERSON STATION - 11/2-3. 10-4 p.m., estate sale, dining rm., antique trunk, misc. household items, 27 George St. off 25A.

Car Pools

MORICHES - need ride, 7 a.m.-3:30 p.m.. 878-0744.

Lost & Found

FOUND - man's 10-spd. bicycle, Longwood Rd., west of Wm. Floyd. John, Ext. 4379.

FOUND - gold earring, Bldg. 30, 10/21/91. Susan, Ext. 5149.

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

BELLPORT VILLAGE - 3-bdrm. house, 5 yr. old, 2½ baths, d/r w/fp, ig sprinklers, den, next to everything, $1,200/mo. neg. + util & sec. Claudio, Ext. 2731 or 286-5579.

BROOKHAVEN HAMLET -large, sunny studio apt., 2nd floor, sep. ent., priv. eik, new appl., full bath, w/w, 1 block to water, next to wildlife preserve, $500/mo. includes all. 286-8689.

CENTER MORICHES - 3-bdrm. house, 2 baths, gar., bsmt., nice area, $850/mo. + sec. Sue, Ext. 7235.

MILLER PLACE - share 3-bdrm. house, mint cond., all appl., close to Lab, $425/mo. + ½ util. Ted, 821-4457.

PATCHOGUE VILLAGE - west end, 2-bdrm. unfurn. house. Joe, 475-9083 after 6 p.m.

RIDGE - furnished studio apt., private, fenced-in yard, kitchen, bath, 5 min. from Lab., avail. end of Oct. $500/mo. 744-8632.

ROCKY POINT - bdrm. in house w/nice yard, w/d, kit., l/r, 15 min. to Lab, $350/mo. incl. all, month-to-month OK, single/couple. Dave, 821-7179.

ROCKY POINT - new, sunny, 1-bdrm. apt., l/r, kit., full bath, priv. ent., no pets, single preferred, avail. Nov. 1, $550/all. 744-6386, leave message.

SHIRLEY - 2½-rm. apt. for employed nonsmoker, priv. driveway & ent., quiet surroundings, 1 block off Wm. Floyd Pkwy, $450/all. 281-6263.

SHOREHAM - 1-bdrm. apt., on LI Sound, full bath, l/r-kit. combo, priv. ent., $600/mo. includes all. 744-0248.

SOUND BEACH - 2-bdrm. contemporary on wooded lot, great rm., cathedral ceilings, renov. kit., d/r, full bath, close to Sound, ½ way S.B. & Lab, $775/mo. + util. Erik, Ext. 4603.

S. JAMESPORT - 1-bdrm. cottage, l/r, eik, porch, bath, part. furn., suit. couple, walk to beach, 20 mi. to Lab, no children/pets, $450/mo. + util. Walt, Ext. 2907/2241 or 698-0576 eves.

WADING RIVER - 3-bdrm. hi-ranch, 2 baths, 2-car gar., 1 acre, wooded property. 10 min. to Lab, appliances incl., country living, move-in cond. Helena Cheng, 689-6980/751-4098.

NEW PORT RICHEY, FL - 2-bdrm. waterfront condo, luxury bldg., park. gar., boat slip, pool, tennis, beach, 30 min. N. of Tampa, rent range, $600-$1,100/mo. Roy, Ext. 7357.

CLAREMONT, NH - 2-bdrm. condo, near Vermont, antique shops, factory outlets, 10 min. to Lake Sunapee, 1 hr. to Lake Winnipesaukee, $300/wk, $225/wkend. Frank, Ext. 7749.

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.

For Sale

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

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

EAST YAPHANK - 3-bdrm. ranch, new kit., d/r, sunken l/r, fin. bsmt., agp, Andersen windows, skylight, fenced ½ acre, landscaped, city water, 2 sheds, new carpets, $120,000. John, Ext. 2075.

HOLBROOK - 4-bdrm. ranch, l/r, d/r, eik, full unfin. basement, w/w, deck, fenced yard, ¼ acre, $119,900. Ext. 3809 or 588-9019 eves.

MANORVILLE - 5-bdrm. ranch, eik, l/r, pantry, foyer, laundry, igp, vinyl siding, bsmt., 1½ baths, low taxes, screened patio, wood/coal stove, 1 acre, $140,000. 472-2414.

MANORVILLE - 3-bdrm. house, l/r, lg. kit., new carport, patio rm., 3 acres, 2 gar. & other bldgs., garden, bed of evergreens, excel neighborhood & road, $195,000. 878-6637.

MIDDLE ISLAND - Coventry Manor, 3-bdrm. townhouse, 2 baths, kit., l/r, d/r, laundry rm., cac, 5 appl., patio, pool, tennis, clubhouse, ask. $102,000. Rosalie, Ext. 3160 or 289-5704 after 5 p.m.

RIDGE - Leisure Knoll Adult Community, 1 bdrm. duplex, a/c, appl., taxes $1,800, clubhouse, pool, etc., $69,000, immed. occupancy, over 55 only. Ted, Ext. 4589 or 475-8581 eves/wkends.

RIDGE - mint, 3-4 bdrm. ranch, l/r, d/r, eik, fam. rm., oak floors, skylight, Andersens, full bsmt., 24'x26' deck, coal stove, shed, carport, 1½ wooded acres, $168,500. Gerri, 924-0287.

RIDGE - 4-bdrm. hi-ranch, 2 yr. old, 2 baths, extra lg. master bdrm., fp, skylights, ceramic tile deck, privacy, 5 min. from Lab, reduced to $162,000. 924-9049.

SHIRLEY - 3-bdrm. contemp., 3 full baths, eik, d/r, great rm., full bsmt., decks, wooded acre, 2-car gar., skylights, ceramic tile, wood & carpeting, $190,000, will pay closing costs. 399-1868.

SHIRLEY - lg. 4-bdrm. center-hall Col., ig pool,m wood floors, sunken l/r & fam. rm., bsmt., gar., near all, will pay closing costs, $119,777 or rent, $1,000. 399-1868, leave message.

SHOREHAM - 4-bdrm. Cape, attach. 2-car gar., 2 fp, 1½ baths, d/r, 1-acre treed lot, new appl., extras, estate, must sell. Vi, Ext. 5169 or 744-6043.

SHOREHAM - 3-bdrm. ranch, ½ acre, SWR SD, low taxes, 2 baths, large eik, d/r, l/r, den, fp, storage rm., cac, gas heat, all appl., prof. landscaped, igs, $145,000. Ext 2833 or 744-7172.

SHOREHAM - 4-bdrm. Col., 2½ baths, 2-car gar., bsmt., encl. porch, fenced ⅓ acre, all large rooms, near shops, school, bus, 10 min. to Lab, $165,000. 744-0960.

SOUND BEACH - 3-bdrm. ranch, 2 baths, l/r, eik, d/r, gar., cedar deck, agp, fenced yard, rental income, Miller Place Schools, $130,000. 821-1271.

WADING RIVER - 4-bdrm. contemp., den, 2½ baths, fin. bsmt., 7 skylights, balcony, ¾ acre, 2-car gar., taxes, $2,000, Shoreham schools, fp, Andersen windows, $235,000. John, 929-8142.

SHAWNEE, PA - Timeshare Week #40, Shawnee-on-Delaware, sleeps 6, fp, dining area, l/r, kit., golf, riding, canoe trips. Tom, Ext. 5350.

HUBBARDTON, VT - 38 deeded acres on town-maintained road w/power & phone, largely wooded w/views of Lake Bomoseen, ask. $32,500 neg., terms avail. Tom, Ext. 2823.

Wanted

BOAT TRAILER - used, cheap, to move 16' light sailboat on property, not for road use. Ext. 3593.

FEATHER BOA - type dress-up wraps; also silver or gold stretch tube tops. Pat, Ext. 4538.

FRIENDS OF GEORGE SCHOENER - to celebrate his retirement. Call by 11/15. Nancy Griffin, Ext. 4177.

GUITAR - used, for beginner. Jim, Ext. 2393.

JEEP DOORS - full size/hard, for 89 Wrangler, any condition, reasonable. Doug, Ext. 7548 or 928-6848.

OUTBOARD MOTOR - 49-140 h.p., running cond., reasonable. 563-6680.

PEOPLE TO JOIN - non-denominational Christian fellowship group, every Thurs. at Snyder Conf. Rm., Bldg. 911A at noon. Pete, Ext. 3297.

SET OF WORLD BOOK ENCYCLOPEDIAS - in good cond., age no object. Ext. 4386 or 671-3975.

TUBED AUDIO COMPONENTS - including short-wave receivers, working or not, also a good sextant. Jim, Ext. 4584.

WHEELCHAIR - w/adjustable leg support. Joe, Ext. 2898 or pager 0925.

Services

*Services are listed in the first **Bulletin** of every month as a courtesy to BNL employees. They are neither screened nor recommended by the **Bulletin**. Services forms are available in the **Bulletin** lobby, Bldg. 134.*

ACOUNTING - by CPA, personal & small business accounts. 878-5868.

BABY-SITTING - experienced 13-yr.-old, Shoreham-Wading River area, very good w/young children. Stacy, 929-5945.

BARBER - licensed to cut Afro-American styles, fade, Caesar, flat-top, Afro, shag & parts. Melvin, 653-5752.

BRICKWORK - masonry, patios, walks, swimming pools, retaining walls, landscaping ties, Belgian block, 25 yrs. exp., Lab. discount. Tony, 698-9274.

CHILD CARE - and/or housekeeping work wanted by exp. mother, live-in avail. 331-0807.

CLEANUPS - remove unwanted debris, yard, attics, bsmt., gar., free estimate. Scott, 325-0706.

COUNSELING - exp. licensed CSW will help w/individual, marital or fam. problems, confidentiality guaranteed, reas. rates. Linda, 929-5860.

ELECTRICAL REPAIRS - all manner electronic, electrical repair, VCRs, TVs, radios, toasters, vacuums, no job too small. George, 585-6119.

FALL CLEANUPS - and fruit tree pruning. Tim, 744-8279.

FALL CLEANUP - landscaping, shrubs moved, reasonable, driveways sealed. Ernie, 698-9274.

HANDYMAN - with van, for hire, no job too small, reliable & reasonable. George, 298-5648.

HOLIDAY GIFT BASKETS - personal care products that contain only beneficial & superior ingredients at 30-50% less. Joann, 472-6742.

HOME IMPROVEMENTS - vinyl siding, doors, windows, complete kitchens & baths, 35 yrs. exp. Carl, 698-9274.

HOUSE CLEANING - done your way, very reliable, refs. Carmen, 744-2715.

HOUSE CLEANING - twice the people, half the time, reasonable prices. Cathi, 281-0360.

LANDSCAPING CONSTRUCTION - cleanups, tree work, decking, RR tie walls, masonry, brick patios, tile work. Dennis, 395-6055.

LAWN SERVICE - free fertilizer w/cleanup, attic & basement cleanups, free est. 737-8281.

PAINTING - interior/exterior, spackling, taping, power washing, wallpapering, roofing, install gutters. James, 399-4912.

PARTIES - make every party a special event, every detail covered, all size parties, any occasion. Rosalie, 289-5704.

PIANO LESSONS - private, for children & adults, flexible times. 331-0807.

PLUMBING - heating, alteration & repair work by retired BNL employee. Jim, 472-1205.

NAIL WORKS - fiberglass, wraps, nail art, holiday special - $23 sets, $13 fill-in, certified nail tech. Lisa, 874-4123.

NAILS - acrylics, nail art, decals, Lab. discount. Roberta, 369-5710.

SHEETROCKING & SPACKLING - free estimate. Kevin, 563-9855.

SHEETROCK/SPACKLE/PAINTING - home improvements, no job too big or small, free estimates. Scott, 325-0706 after 5 p.m.

STUMPS REMOVED - land clearing w/rake on 450 loader, $70/hr. Tom, 878-1060.

TREE WORK - expert. 281-2746.

TREE WORK - cutting or trimming, reasonable. 744-5387 after 6 p.m.

TUTOR — college student will tutor Math I, II or III, or pre-calculus, computer programming, one-on-one, personal service. Dennis, 929-5676.

VIDEOGRAPHER — capture those precious moments at a price you can afford, weddings, parties, all occasions. Larry, 281-7240.

WATCH & CLOCK REPAIR - expert, reasonable. 363-7032.

WINDOW CLEANING - all work squeaky clean. 928-3189, leave message.

WOOD SPLITTING - will spit & stack wood, avail. Sat. & Sun. Dave, 399-5715.

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