

MSDS Database Ready for Labwide Use

More than 7,500 Material Safety Data Sheets (MSDS) can now be accessed and retrieved by BNL employees and guests via a user-friendly database developed by the Safety & Environmental Protection Division's (S&EP) Industrial Hygiene Group. MSDSs summarize the properties of chemicals so people can work with them safely.

As required by the U.S. Department of Labor's Occupational Safety & Health Administration, chemical manufacturers must develop MSDSs to ensure that information on the hazards associated with the materials they sell is readily available. Employers are required to make MSDSs readily accessible to their employees for the chemicals within their workplaces.

"Whether they work in laboratories, experimental areas or office buildings, each of BNL's 3,400 employees may work with or near chemicals with potential hazards, so ready access to MSDSs is important for everyone," said Otto White, Deputy Division Head of S&EP. "Now, any BNL employee or guest who is connected to Brookhaven's computer network or anyone who has a PC and modem can use the new MSDS database to get information on any of the chemicals used on site."



Reviewing the menu system design of the new on-line Material Safety Data Sheets database are (from left) Otto White, Gary Adams and Wendy Mosca, all of the Safety & Environmental Protection Division.

Photo by Roger Stoutenburgh

The on-line MSDS database grew out of the 1990 visit of the U.S. Department of Energy's Tiger Team, whose mission was to assess national laboratories' compliance with environmental, safety and health regulations. Although hard copies of MSDSs

had been available from S&EP, the Tiger Team was concerned that information on chemical hazards should be more readily accessible to all employees.

This concern prompted S&EP to (continued on page 2)

Coming Up

Senior Physicist Wu-Tsung (Bill) Weng, who is head of the Accelerator Division in the Alternating Gradient Synchrotron (AGS) Department, will deliver the next Brookhaven Lecture. He will discuss "The AGS Booster — On the Way to RHIC," beginning at 4 p.m., on Thursday, April 16, in Berkner Hall.

On Site Today

A caravan of buses carrying close to 300 college students will be touring the Lab site today. The young men and women, from predominantly black colleges and universities, are guests of BNL's Office of Educational Programs (OEP).

Through OEP, Brookhaven is hosting the 49th joint meeting of the National Institute of Science, the Beta Kappa Chi National Honor Society, and BNL's own Brookhaven Semester Program. The college students are attending the meeting in Melville, where they are also participating in a scientific competition.

At BNL this afternoon, the group will tour the site, meet with Lab officials and be entertained by the BNL Gospel Choir.

After Accident Near Main Gate, BNL Firefighters to the Rescue

Nearly everyone at BNL last Friday afternoon, March 27, knew that there had been two major accidents on William Floyd Parkway, because

they caused the closing of the main gate and the rerouting of all southbound traffic.

Few knew then, however, that a

southbound Ridge fire truck responding to the first emergency had collided with a westbound car just outside the Lab's main gate. The driver of that car was Joseph Zito, a caregiver in BNL's Child Development Center (CDC).

When the second accident occurred, most local fire companies had already committed their resources to containing the approximately 1,000 gallons of home heating fuel spilled in the first accident, in which a 10,000-gallon tanker truck had overturned on William Floyd, just south of the Long Island Expressway.

So BNL's Fire/Rescue Group took charge of a dramatic rescue operation that involved using hydraulic scissors known as "the jaws of life" to pry Zito out of his 1986 Pontiac Sunbird and culminated in Zito's being transported by Suffolk County police helicopter to University Hospital in Stony Brook, where he underwent emergency surgery. Though Zito remains in intensive care, his condition is stable and he is expected to recover from his extensive injuries.

"Joe is just the most wonderful, wonderful person in the world," said CDC Director Deborah O'Neill of Zito,

a 20-year-old student at the State University of New York at Stony Brook, who has worked part time at the Lab's on-site day care facility since November. "He is the only male employee here, and all the children

know him and love him. Right now [Monday morning], some of the children are making a video to cheer him up." Also, O'Neill said, the CDC staff and parents have set up a fund to aid Zito during his recovery, and donations are being accepted at the CDC.

Zito's ordeal began last Friday at around 1:50 p.m. Since the accident involved a Ridge fire truck, it was immediately announced on the radio station that is continuously monitored by the Safety & Environmental Protection Division's Fire/Rescue Group, as participants in Suffolk County's mutual-aid program.

BNL Fire Chief James Roesler and Captain Russell Dunn headed for the (continued on page 2)



With the Fire/Rescue truck and some of the tools used to extricate Joseph Zito after his auto accident, are BNL Fire/Rescue Group members: (standing, from left) Timothy Devine, Frank Palmeri, William Strelecki, Captain Russell Dunn, Chief James Roesler; (kneeling, from left) William Rabatin and Cyril Pinto.



Joseph Zito

Russian Mirror Shines at NSLS

As a result of the recent political changes in Russia, individual firms are now able to make business contracts abroad. In one of the first such contracts, a Russian-built mirror assembly was recently delivered to beam line X3A at the National Synchrotron Light Source (NSLS). Operated by Alex Darovsky (center) of the State University of New York at Stony Brook, beam line X3A is used for experiments in crystallography and small-angle scattering. The new mechanism is designed to be used with a cylindrical mirror that will focus the synchrotron radiation onto the sample under study. Modeled on a mirror assembly already in use at Exxon's NSLS beam line X11, the design was customized by Russian engineers to fit the X3 beam line configuration. The instrument was manufactured in a joint venture between Moltech Corporation, a Long Island company headed by Terje Skotheim (left), and Optoel of St. Petersburg, a Russian firm headed by Igor Meshkovski (right).

— Photo by Roger Stoutenburgh



AWE-FULL WARNINGS! Before You Use Anything, Read This!

As scientists and concerned citizens, Susan Hewitt and Edward Subitzky applaud the recent trend towards legislation that requires the prominent placing of warnings on products that present hazards to the general public. Yet, they also offer the cautionary thought that such warnings, however well-intentioned, merely scratch the surface of what is really necessary in this important area — especially in light of the findings of 20th century physics.

WARNING: This Product Warps Space and Time in Its Vicinity.

WARNING: This Product Attracts Every Other Piece of Matter in the Universe, Including the Products of Other Manufacturers, with a Force Proportional to the Product of the Masses and Inversely Proportional to the Distance Between Them.

CAUTION: The Mass of this Product Contains the Energy Equivalent of 85 Million Tons of TNT per Net Ounce of Weight.

HANDLE WITH EXTREME CARE: This Product Contains Minute Electrically Charged Particles Moving at Velocities in Excess of Five Hundred Million Miles per Hour.

CONSUMER NOTICE: Because of the "Uncertainty Principle," It Is Impossible for the Consumer to Find Out at the Same Time Both Precisely Where This Product Is and How Fast It Is Moving.

ADVISORY: There is an Extremely Small but Nonzero Chance That, Through a Process Known as "Tunneling," This Product May Spontaneously Disappear

from Its Present Location and Reappear at Any Random Place in the Universe, Including Your Neighbor's Domicile. The Manufacturer Will Not Be Responsible for any Damages or Inconvenience That May Result.

READ THIS BEFORE OPENING PACKAGE: According to Certain Suggested Versions of a Grand Unified Theory, the Primary Particles Constituting This Product May Decay to Nothingness Within the Next Four Hundred Million Years.

THIS IS A 100% MATTER PRODUCT: In the Unlikely Event That This Merchandise Should Contact Antimatter in Any Form, a Catastrophic Explosion Will Result.

PUBLIC NOTICE AS REQUIRED BY LAW: Any User of This Product, in Any Manner Whatsoever, Will Increase the amount of Disorder in the Universe. Although No Liability Is Implied Herein, the Consumer Is Warned That this Process Will Ultimately Lead to the Heat Death of the Universe.

Hewitt and Subitzky, therefore, propose that, as responsible scientists and science enthusiasts, "we join together in an intensive push for new laws that will mandate the conspicuous placement of suitably informative warnings on the packaging of every product in every category offered for sale." Their suggested list of required warnings is as follows:

NOTE: The Most Fundamental Particles in This Product Are Held Together by a "Gluing" Force About Which Little Is Currently Known and Whose Adhesive Power Can Therefore Not Be Permanently Guaranteed.

ATTENTION: Despite Any Other Listing of Product Contents Found Hereon, the Consumer is Advised That, in Actuality, This Product Consists of 99.9999999999% Empty Space.

NEW GRAND UNIFIED THEORY DISCLAIMER: The Manufacturer May Technically Be Entitled to Claim That This Product is Ten-Dimensional. However, the Consumer is Reminded That This Confers No Legal Rights Above and Beyond Those Applicable to Three-Dimensional Objects, Since the Seven New Dimensions Are "Rolled Up" into Such a Small "Area" That They Cannot Be Detected.

PLEASE NOTE: some Quantum Physics Theories Suggest That When the Consumer Is Not Directly Observing This Product, It May Cease to Exist or Will Exist Only in a Vague and Undetermined State.

COMPONENT EQUIVALENCY NOTICE: The Subatomic Particles (Electrons, Protons, etc.) Comprising This Product Are Exactly the Same in Every Measurable Respect as Those Used in the Products of Other Manufacturers, and No Claim to the Contrary May Legitimately Be Expressed or Implied.

HEALTH WARNING: Care Should Be Taken When Lifting This Product, Since Its Mass, and Thus Its Weight, Is Dependent on Its Velocity Relative to the User.

IMPORTANT NOTICE TO PURCHASERS: The Entire Physical Universe, Including This Product, May One Day Collapse Back into an Infinitesimally Small Space. Should Another Universe Subsequently Reemerge, the Existence of This Product in That Universe Cannot Be Guaranteed.

A belated April Fool! "A Call for More Scientific Truth in Product Warning Labels" by Susan Hewitt and Edward Subitzky, first appeared in The Journal of Irreproducible Results, 36:1, Jan./Feb. 1991 and was reprinted by permission of Blackwell Scientific Publications Inc.

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

MSDS Database (cont'd)

form a committee to design and implement the on-line database. The committee included S&EP staff Gary Adams, Nancy Fallon, Keith Lally, Wendy Mosca, Otto White, Shawn Young and James Brower, who is now with the Office of Environmental Restoration, and Diane Mirvis and Betsy Schwartz of the Technical Information Division (TID).

Working with contractors for the last year and a half, the committee released the database for Labwide use in February. White said the primary objective of the on-line system is to provide employees with available chemical, safety and health information promptly. This includes information on the chemical's immediate and long-term health hazards, as well as identifying exposure regulations.

In addition, Gary Adams, Industrial Hygiene Group Leader, explained that employees are encouraged to use the database for several purposes: to gather information on toxicity data, chemical composition for trade-name products, fire and explosion properties, chemical compatibilities with other substances, storage and handling recommendations, disposal requirements, and transportation guidance.

As S&EP's Hazardous Material Information Coordinator, Wendy Mosca is instrumental in implementing and maintaining the MSDS database. She explained that S&EP plans to update and expand the on-line system continually. "We hope to allow the user to direct the desired MSDS from the database to a FAX output in the future," Mosca said. "As this article goes to press, we will be moving from the VAX to the SUN UNIX system to increase speed and data capacity."

The MSDS program resides on TID's INFORM database. For information about the on-line system, contact Wendy Mosca, Ext. 4935; for help in accessing the INFORM database, call Betsy Schwartz, Ext. 2758. As in the past, hard copies of the MSDS can be obtained by calling Mosca or Monica Manning at Ext. 4935.

— Diane Greenberg

Rescue (cont'd)

scene to see if they could be of help. "They needed a Hurst tool, the jaws of life," said Dunn, "so we sent that as well as an ambulance, a rescue vehicle and a pumper."

Already on the scene was Ridge Emergency medical technician (EMT) Linda Gianmugnai. She worked with the six BNL firefighters, all EMTs, as they were confronted with an injured Ridge firefighter lying on the grass and Zito trapped in his badly damaged car. The other three Ridge firefighters were unhurt.

The BNLers went quickly to work: Allen Licata was the designated EMT taking care of Zito. Assisted by William Rabatin and Cyril Pinto, Licata's first task was to assess the extent of Zito's injuries and stabilize him. The crumpled vehicle afforded the EMTs little room to work in, but they managed to apply necessary neck braces and splints and to monitor Zito's vital signs.

Simultaneously, Frank Palmeri was operating the Hurst tool, shearing the car's four window columns so that the roof could be removed. Timothy Devine first stabilized the Ridge firefighter, who was taken to the hospital by Ridge ambulance, then he assisted with Zito. William Strelecki manned the pumper, and Roesler and Dunn coordinated the activity on the scene, communicating

with BNL's Police Group to close the main gate and reroute traffic entering and leaving the Lab.

Licata requested that the Suffolk County police helicopter be ready when Zito was freed. That moment came at about 2:35 p.m., after the Hurst chewed through its last column. The roof was lifted off "in a great cooperative effort," said Roesler, "which included firefighters from BNL, Ridge and Middle Island, and an EMT from the Shirley Ambulance Company." Then, it took about ten people to pick Zito's stretcher up and carry him to the helicopter so that he remained perfectly still.

Although the helicopter had a paramedic aboard, the police requested that an EMT come along. So BNL's Devine accompanied Zito on the flight to University Hospital, touching down about five minutes later on the helipad outside the emergency room. "He was helped immediately," said Devine, "and was probably in surgery in less than 10 minutes."

While the BNLers involved in the rescue were very pleased to hear of Zito's progress and good prognosis, they were modest about their own efforts. "Everyone worked together beautifully, and we had a chance to use the skills we were trained for," said Roesler. And Dunn added, "We did get a lot of positive comments about our excellent EMT and extrication procedures." — Anita Cohen

Service Awards

The following employees celebrated BNL service anniversaries during March 1991:

35 Years	
Joseph Cardamone.....	Medical
30 Years	
Raymond J. Archbold.....	S&EP
James Cardinal.....	Plant Eng.
Carl L. Jacobs.....	Physics
Alfred D. Roebuck.....	Physics
25 Years	
Carmen M. Benkovitz.....	App. Science
John W. McCaffrey.....	Cent. Shops
Maureen H. Sacker.....	Occ. Med. Clinic
Sharon Spark.....	Comp. & Comm.
Claudia R. Tyler.....	Medical
20 Years	
Paul A. Akins.....	Plant Eng.
Eileen H. Buckheit.....	Reactor
Henry T. Floege.....	Cent. Shops
George Rabinowitz.....	Comp. & Comm.
10 Years	
William Lee.....	Plant Eng.
Joseph W. Levesque.....	S&EP
Imtiaz K. Madni.....	Nuc. Energy
Graham C. Smith.....	Instrum.
John H. Taylor.....	Nuc. Energy

Equipment Demo

B&B Motor & Control Corp., will display electrical motors/controller products by several manufacturers on Wednesday, April 8, from 8 a.m. to 3 p.m. in Berkner Hall. This hands-on seminar will include: gearheads by Bayside; ac/dc motors, Bodine; steppers/servos and motion controllers, Compumotor; rotary and linear table, Daedal; readouts and controllers, Dart; linear actuators, Industrial Devices; 90V and 180V dc controllers, KB Electronics and Nova Controller.

Addled Addresses

- Bookheave Nat Lab
- President/Owner
Brookhaven Nat'l Lab
- Brookhaven Nat'l Laborat
- Brookhaven National Labor
- Brookhaven Nail Lab
- Bobe Chrien, Owner
Brookhaven Natl. Lab

Play It Safe At the Main Gate

Over the years there have been a number of accidents and close calls where the Lab's main gate meets William Floyd Parkway. BNL Fire Chief James Roesler cited several factors that make this a dangerous intersection:

- William Floyd is a long, straight road, with traffic traveling at high speeds before coming to the traffic lights.
- The sequence and position of the traffic lights could deceive a driver into thinking it is safe to proceed.
- With BNL along the route between the LIE and Calverton National Cemetery, funeral processions may drive through the intersection without heeding any traffic signals.

Therefore, advises Roesler, "At the main gate, as at any intersection, please pay careful attention. Don't just look at the light, look at the road to make sure it's clear — then look at the light again, to make sure it's in your favor."

Missing Teeth

For the 60 BNLers enrolled in the Adult Fluoride Study who missed their first appointments, make-up dental exams have been scheduled on April 13 and 14, in the North Room of the Brookhaven Center.

This study of the effectiveness of fluoride mouthwashes and gels in preventing tooth decay in adults still needs 25 more volunteers. BNLers, retirees and their spouses age 45 and over who have at least 15 natural teeth are invited to sign up. For more information, call Health Promotion Specialist Mary Wood, Ext. 5923.

Arrivals & Departures

Arrivals

None

Departures

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

- Karen L. Cordaro..... Medical
- Anthony L. Feliu..... Chemistry
- Carl L. Goodzeit..... Accel. Dev.
- Elizabeth M. Lymber..... Staff Serv.
- Allan K. Roger..... Plant Eng.
- Eileen M. Savino..... Dir. Off.
- Roy Skarka..... Photo. & G. Arts
- Raymond W. Stoenner..... Chemistry

Hospitality News

Ruth Riklis, a visitor from Israel and a resident of the apartment area on site, will present a program on quilting at the next Hospitality Committee get-together on Tuesday, April 7, at 9:30 a.m., in the Brookhaven Center.

Inspired to quilt some years ago after seeing an exhibit of American quilting in Washington, D.C., Riklis has ingeniously combined the techniques and fabrics of America and Israel with Bedouin embroidery, and has created dramatic wall hangings, pillows and other decorative items. Some of her quilts will be on display.

Please join us for this presentation. Spouses and children of Lab employees and guests are welcome. Refreshments will be provided.

Water Aerobics

The Health Promotion Program will continue offering water aerobics at the Lab pool, on Tuesdays and Thursdays from 5:15 to 6 p.m., starting April 14 and 16.

Sign up now for once-a-week or twice-a-week sessions, and pay only the pool fee of \$2 each class. To sign up, call Mary Wood, Ext. 5923, as soon as possible, since only a maximum of 20 can be accommodated at each session.

Tennis News

The Tennis Committee announces the commencement of the 1992 tennis ladder, which will begin on Monday, April 13, and run through October 30.

All employees and summer visitors are eligible to join the ladder, and those interested should sign up at the BERA Sales Office, where the rules are posted. The entry fee is \$1. During the first two weeks, open challenges are allowed at any level on the roster. After that period, a player may only challenge those players in the same row or one higher row of the ladder. For more information, contact Peter Vanier, Ext. 3535.

Volleyball

Standings as of March 26

Open League		League I	
Magnum	43-8	Upfagrabs	56-13
Me and the Boys	30-21	Network News	47-22
G-Team	28-23	Rude Dogs	45-24
Phoenix	23-28	Dinkers	38-28
Leftovers	15-36	Six Pack Attack	30-39
Penetrating Volleys	14-37	Setups	18-51
		Bumps & Sets	6-63
League II		League III	
Monday Night Live	41-4	Nutcrackers	35-16
Net Wits	29-16	Interns	32-19
Just Ups	29-16	Over the Top	32-19
Nuts & Bolts	25-20	Renegades	31-20
Night Court	25-20	High Volley'em	30-21
Fossils	24-21	Sourcerers	25-26
Volley of the Dolls	14-31	Good Timers	23-28
Upton Ups	10-35	Undertakers	10-38
Muffins	7-31	Silver Bullets	10-41

Correction

The March 20, 1992, Brookhaven Bulletin incorrectly stated that Sharon Smith, head of the Oceanographic & Atmospheric Sciences Division in the Department of Applied Science, is the only woman ever to have been named to head a scientific division at BNL. Ann Reisman is currently head of the International Safeguards Project Office, a scientific division within the Department of Nuclear Energy.

BROOKHAVEN BULLETIN

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

ANITA COHEN, Editor
MARSHA BELFORD, Assistant Editor
LIZ SEUBERT, Reporter

35 Brookhaven Ave., Upton, N.Y. 11973
(516) 282-2345

Healthline Lecture

Money Matters, Part II — Budgeting Your Income

With the fall in the prime rate and the complaints of consumers, many credit card companies have reduced the interest rates that they charge consumers on their outstanding balances. Though rates are lower, many people are still over their heads in credit card debt, since it is the easiest form of credit to use.

As the second part of its Money Matters series, the next Healthline lecture will be "How to Budget Your Income." To be presented by AUI Auditor Barbara Coughlin, the lecture will take place on Thursday, April 9, from noon to 1 p.m. in Berkner Hall.

As Coughlin will discuss, climbing out of credit card debit involves not only minimizing finance charges but also budgeting your income. By living within a realistic budget and exercising lower-priced credit options, consumers can eliminate their debt and use of overpriced credit, and improve their financial picture and their peace of mind.

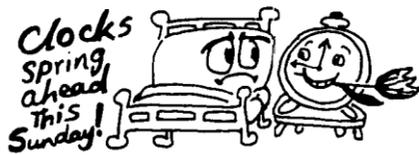
A certified public accountant, Coughlin became a member of the on-site Internal Audit staff of Associated Universities, Inc. (AUI), last June. Prior to coming to the Lab, Coughlin served as a senior accountant with the international public accounting firm of Deloitte & Touche for three years.

Adult Swim Lessons

BERA will offer beginner and intermediate adult swimming lessons on Wednesday nights at the BNL swimming pool for eight weeks, April 15 through June 3, from 5:15 to 6:15 p.m.

Open to all BNL employees and family members 18 years or older, the lessons cost \$40, plus \$2 entrance fee or current season pass.

Sign up at the pool prior to lessons or on the first night. For more information, call Susan Juzwak, Ext. 3147, after 4 p.m.



Golf Tournament

The first BGA golf tournament of 1992 will be held Monday, April 13, at the West Sayville County golf course. The tournament will be held under stroke-play rules, using the Callaway handicapping system. Call John Usher, Ext. 2096, or Joe Carbonaro, Ext. 5139, to arrange a tee-off time. Tee times run from 10 a.m. to about 12:30 p.m., depending on the number of people signed up.

Greens fees for the county course are now \$25. The deadline for signing up is Friday, April 10, and all callers are encouraged to have a complete foursome prior to calling. In the event of rain, direct any questions to the pro-shop, 567-1704.

Note to Employees:

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

Bowling

Red/Green League

M. Guacci had a 237/213/618 scratch series, R. Mulderig 225, E. Sperry IV 223, H. Arnesen 222/212/627 scratch, R. Wiseman 221/202, M. Palumbo 220, J. Muller 217, T. Prach 215, K. Riker 210/600 scratch, R. Eggert 205, R. Larsen 204, R. Raynis 204, C. Scarlett 202.

White League

Ed Sperry IV had a 233/220/635 scratch series, Jim Petro 233, Ron Picinich 220, Jim Biamonte 214, Joe Ferrante 207, Ken Riker 207, Joe Mayeski 204, Dick Adams 204, Kay Conkling 181.

Purple League

Andy Warkentien had a 233, Ed Sperry 218, Ben Belligan 216, Jim Goode 201, Debbie Keating 190, Maryann Reynolds 187, Nancy Erickson 186, Betty Jellett 184, Diane Lombardi 184, Caryl MacDougall 181, Barbara Juliano converted the 6/7/10 split, John Adessi the 4/7/9.

L.I. Industrial Tournament

H. Arnesen had a 237/201, R. Larsen 229/220.

Aerobic Dance, Stretch Classes

Spring is here, and it's time to put some spring in your step — with the Aerobic Dance Club. In the spring session, instructor Pat Campbell will lead two different courses of exercise.

Classes in aerobic dance will be held on Tuesdays and Thursdays, while stretch classes will be on Mondays. Classes run from 5:15 to 6:15 p.m. Mats are recommended.

Either or both classes may be taken, and each ten-week session costs \$30, payable at registration preceding the first classes:

- Stretch - Monday, April 6, Physics Lounge, Bldg. 510.

- Aerobic Dance - Tuesday, April 7, and Thursday, April 9, Recreation Building in the apartment area.

For further information, call Pat Campbell, Ext. 4853 (a.m.) or Ext. 5070 (p.m.), or Janet Sillas, Ext. 2345.

Rifle & Pistol Club

The next meeting of the Rifle & Pistol Club will be held at noon on Wednesday, April 8, in Room 202, Bldg. 911B. Please attend for information about our upcoming outdoor season. For more information, call Otto Jacobi, Ext. 3471.

Cooking Exchange

Various dishes will be demonstrated at the next BERA Cooking Exchange meeting, on Wednesday, April 8, at 11:30 a.m., in the Recreation Building in the apartment area. Recipes will be provided, and all dishes can be sampled.

All are invited, especially newcomers to BNL or the apartment area. A charge of \$2 per adult helps pay for ingredients, and baby-sitting is provided at \$1 per child. For more information, call Yfke Boosman, 736-2880, or Weiyi Yin, Ext. 3035.

Basketball

Deep Six 61		Scram 42	
M. Williams	16	T. Powers	15
R. Hart	11	J. Rank	13
C. Butts	10	E. Gregory	5
J. Simms	10	S. Coleman	4
S. Anderson	6	P. Bergh	2
L. James	4	K. Laube	2
P. Brown	3	J. Duggan	1
D. Eleazer	1		

3-point shots: T. Powers, J. Rank, M. Williams (2)

Trailblazers 62		X-Men 59	
T. Mayo	21	J. Hobson	12
R. Domenech	14	G. Mack	11
T. Buck	10	R. Schuhmann	9
C. Edwards	4	B. Gunther	9
D. Martin	4	J. Garrison	6
D. Branch	3	D. Nordstrum	6
S. Springston	2	E. Meier	4
A. Jones	2	E. Taylor	2
R. Garappolo	2		

3-point shots: R. Domenech (4), J. Garrison (2), J. Hobson (2), T. Mayo, R. Schuhmann



The BERA Art Society is offering two bus trips:

- Saturday, April 25, Spring Rites Trip: wander under cherry blossoms, drift through conservatories in the Brooklyn Botanical Gardens, then view avant-garde French painter Arman and the magnificent permanent collection of American and European art in the Brooklyn Art Museum next door. The bus will leave BNL's tennis court parking lot at 9 a.m. and return by 6 p.m. Tickets are: bus, \$15; art museum, \$4 (seniors, \$1.50); gardens, \$2.

- Saturday, June 27, Midsummer Madness Trip: Enjoy renowned Longwood Gardens, Pennsylvania, with roses, lilies, rock gardens, fountains; and small, superb Brandywine American Art Museum. The bus will leave BNL at 6:30 a.m. and return by 10:30 p.m. Tickets are: bus, \$20; gardens, \$8; museum, \$4 (seniors, \$2.50).

For tickets or information, call Liz Seubert, Ext. 2346.

Nursery School Consignment Sale

Toys and other baby's and children's items are needed for a consignment tag sale to benefit BNL's Upton Nursery School.

At this sale, you will sell your unwanted toys, books, children's clothing, baby's furniture and other miscellaneous baby's items, and you'll help the nursery school, which will retain 25 percent of all proceeds.

The tag sale will be held Saturday, May 2, from 9 a.m. to 1 p.m., at the Shoreham Recreation Center on Defense Hill Road, off of Rt. 25A, across from Shoreham-Wading River High School.

Volunteers are needed to assist with the tag sale, and they will have the opportunity to shop first. For information about the consignment sale, to volunteer or to arrange for a donation pickup, call Susie Joyce, 292-5914, or Cindy Salwen, 874-3652.

The Upton Nursery School is a nonprofit, parent-cooperative school for three- and four-year-old children that is held on site three mornings each week; it is not affiliated with BNL's Child Development Center.

Cafeteria Menu

Luncheons

Monday, April 6

Soup: Turkey noodle	.80/1.10
Entree: Baked L.I. fish fillet w/1 veg.	3.65
Entree: Linguine w/basil cream sauce	3.20
Fitness: Quiche Lorraine w/1 veg.	3.20
Carvery: Pastrami sandwich	2.95
Grill: Cheddar burger w/fries	2.95

Tuesday, April 7

Soup: Country vegetable	.80/1.10
Entree: Chicken cordon blue w/1 veg.	3.65
Entree: Salisbury steak w/1 veg.	3.45
Fitness: Pasta w/red sauce	3.20
Carvery: Hot roast beef sandwich	2.95
Grill: Reuben w/fries	2.95

Wednesday, April 8

Soup: Cream of chicken	.80/1.10
Entree: Stuffed manicotti w/1 veg.	3.20
Entree: Beef fajitas over rice	3.45
Fitness: Seafood linguine	3.45
Carvery: Baked Virginia ham sandwich	2.95
Grill: Beef kabob on a steak roll	2.95

Thursday, April 9

Soup: Tomato & rice	.80/1.10
Entree: Lemon pepper chicken w/1 veg.	3.45
Entree: Chef's choice	3.20
Fitness: Eggplant Parmesan w/1 veg.	3.20
Carvery: Hot corned beef sandwich	2.95
Grill: 3-D burger w/fries	2.95

Friday, April 10

Soup: Crab bisque	.80/1.10
Entree: Baked fillet of scrod w/1 veg.	3.45
Entree: Pork Creole w/1 veg.	3.35
Fitness: Saute of linguine w/vegetables	3.45
Carvery: Hot turkey sandwich	2.95
Grill: Flying wings	2.95

- Breakfast specials w/coffee, juice 2.75
- Unannounced daily specials!
- Prizes w/vending machine candy — check your wrappers!

Classified Advertisements

Placement Notices

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

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

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

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

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

POSTDOCTORAL RESEARCH ASSOCIATE - trained in plant molecular biology with experience in DNA and RNA isolation and sequencing, to conduct research on gene expression mechanisms. Contact: Paul Falkowski, Department of Applied Science.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

DD 0151. TECHNICAL POSITION - Requires AAS or equivalent experience. Machine shop and electrical/electronic assembly experience highly desirable. Knowledge of computer operations helpful. Under direct supervision, will be responsible for the routine setup, dismantling and repair of apparatus used for protein crystallography, as well as maintenance of user facilities at the NSLS. Biology Department.

DD 0433. P&G SPECIALIST - Requires AAS in photography or equivalent and 3-5 years' experience in both color and black-and-white photographic printing and processing. Experience in the use of Copy Camera and the production of color slides, as well as maintaining and servicing equipment, necessary. Photography and Graphic Arts Division.

LF 8132. INDUSTRIAL HYGIENIST POSITIONS (2 openings) - Requires MS degree or higher in industrial hygiene or related field, a minimum of five years' experience in field and project management and knowledge of computer databases. Responsibilities include development of guidance and technical review documents, industrial hygiene consultation, and processing and compiling chemical hazards information. Safety and Environmental Protection Division.

LF 0152. PROGRAMMING POSITION - Requires BS in a physical science or equivalent. Background in biology or chemistry desirable. Experience in computer programming using FORTRAN and C, preferably in a VMS environment, desirable. Experience with device interfacing or high-level graphic packages an asset. Work will be focused at the HFBR neutron small-angle spectrometer user facility. Biology Department.

NS 8074. OCEANOGRAPHY ASSOCIATE POSITION - Requires bachelor's degree, advanced degree preferred, and experience and training in basic microbiology and molecular biology techniques (e.g., nucleic acid hybridization, sequencing, cDNA library construction, oligonucleotide probes, PCR). Experience in microbial ecology and oceanography/limnology preferred. Willingness to work on research cruises required. Department of Applied Science.

NS 0403. MEDICAL ASSOCIATE POSITION (one-year term) - Requires bachelor's degree, knowledge of basic laboratory skills, good manual dexterity and good organizational skills. Prior experience with electron microscopy (TEM or SEM) desirable. Must be willing to learn new techniques using low-temperature microscopy and x-ray fluorescence. Medical Department.

Motor Vehicles & Supplies

91 ACURA INTEGRA - 5-spd., ac, am/fm cass. w/equalizer, rear spoiler, alarm, p/sunroof, p/w, 6k mi., \$14,900 neg. Ext. 5919 or 722-3010.

85 PONTIAC 6000 - 4-dr. sedan, 82k mi., cruise, p/s, p/b, V-6, am/fm cass., new batt., front tires, shocks & struts, \$2,500. John, 732-7568.

84 CAMARO - V-6, 66k mi., red, am/fm cass., good cond., no rust, very reliable. Tarshea, Ext. 2821.

78 OLDS DELTA 88 - 4-dr., mech. sound cond., good tires, new exhaust, carb., \$500. 744-6423.

67 MUSTANG - white, mint body, orig. int., 289 eng., a/t, \$5,500 firm. 698-2798.

CASSETTE CAR STEREO - Pioneer, under dash, auto reverse, loudness button, all parts incl., like new, no am/fm radio, \$50. Sue, Ext. 4931.

90 YAMAHA JOG MOPED - low mi., runs well, good cond., \$700 or best offer. Karen, 345-0302.

90 CHEVY 454 SS PICKUP - black w/red int., fully loaded, 9k mi., excel. cond., \$13,750. Rich, Ext. 3260 or 727-1429.

89 PONTIAC GRAND PRIX - fully loaded, white w/blue int., excel. cond. \$7,850. Sherrie, Ext. 2414 or 727-1429.

89 NISSAN STANZA GXE - a/t, sunroof, cass., alarm, p/s, p/b, p/w, p/l, floor mats, door guards, low mi., excel. cond., \$9,000 neg. S. Spark, Ext. 4111.

89 TROOPER II LS - 5-spd., 4wd, ac, p/w, p/l, 11k mi., warr., \$11,000; '87 Toyota MR2, 63k mi., 5-spd., runs well, extras, \$5,995. Roy, Ext. 7357.

89 NISSAN 4x4 - 40k mi., 5-spd., p/s, p/b, king cab, rims, tires, roll bar, am/fm stereo, anti-theft switch, mint cond., \$8,200 neg. Kevin, 736-1724.

87 PLYMOUTH HORIZON - 75k mi., 4-cyl., p/s, p/b, v.g. cond., \$1,700. Steffan, 288-5233.

87 MUSTANG GT - 5-spd., dark blue/silver, ac, all power, gar., 58k mi., orig. adult owner, \$7,900. Rich, Ext. 2386.

86 MERCURY TOPAZ - 4-dr., airbag, ac, stereo, good cond., \$2,000. Nora, 744-8894.

86 PONTIAC FIERO - black, a/t, ac, p/w, sunroof, mag wheels, 76k mi., one owner, good cond., \$2,950. Bill, Ext. 3531 or 473-3171.

86 FIERO - 5-spd., 69k mi., needs nothing, good cond., \$2,800. 331-7812 eves.

86 FORD TEMPO - new paint & tires, runs well, \$2,500. Rich, Ext. 2043.

86 CUTLASS SUPREME BROUGHAM - white, 57k mi., loaded, cond., \$5,600. Linda, 722-4821.

85 OLDS CUSTOM CRUISER WAGON - 83k mi., roof rack, cass., orig. owner, good cond., \$3,200 neg. Pat, 727-0547.

84 MERCURY COUGAR - loaded, good body cond., needs fuel pump, asking \$2,000, make offer. Ken, Ext. 5927.

83 HONDA CB1000C MOTORCYCLE - brown, runs well, new tires, battery, cables, \$1,500. Mike, Ext. 4034 or 395-4832.

82 YAMAHA 400HS - 6k mi., all access., \$650 neg. Rob, 878-2702 after 6:30 p.m.

82 VOLVO - 107k mi., DL, 4-dr., a/t, ac, am/fm cass., cruise, tan, \$2,000. Bob, Ext. 4489.

81 COLT - 2-dr. h/b, good mpg, runs well, needs muffler, \$400. Karl, Ext. 3826 or 878-9299 after 6 p.m.

80 PONTIAC TRANS AM - charcoal gray, p/s, p/b, T-top, low mileage, runs well, looks good, asking \$1,800. Jeff, 286-1348 after 6 p.m.

78 OLDS 98 - 2 dr., a/t, p/w, p/l, p/s, runs well, clean inside, asking \$500. Phil, 286-1348.

HONDA V-65 SABRE MOTORCYCLE - clean, fast, well maint., \$2,200 or best offer. Mike, Ext. 4034 or 395-4832.

TRAVEL TRAILER - 15 1/2', hitch, jacks, new brakes, extras, \$850; bureau, \$40; bdrm. set, \$50; dinette set, round table, 4 chairs, \$50. 878-6637.

TIRES - 2, General Grabbers, 30x9.50R15LT M/S on rims, almost brand-new, \$100. Joann, Ext. 5671 or 472-6742.

CHEVY V-8 PARTS - hi-perf. cam & lifter set, excel. cond., \$50; Camaro radiator, excel. cond., \$50. Tom, Ext. 4507 or 878-1060.

RIMS - 2, Centerlines, 8", for Ford pickup; 4 Laredo 31.x10.50 FE headers, heads, flywheels, '69 Mustang seats. Wayne, Ext. 3084.

Boats & Marine Supplies

40' CONCORDE - double cabin, 1970 twin 653 diesels, gen., radar, Loran, etc., \$55,000. 581-4090 days or 277-1761 eves.

30' CHRIS CRAFT - 1959, T/350s FWC, FB, elect., \$3,000 firm; 28' Carver, 1973, T/302s FWC, FB, VHF, Loran, etc., \$11,500 neg. Harry, Ext. 7527.

26' SEARAY SUNDANCER - 1984, cabin sleeps 6, stove, frig., head, hot shower, camper back, Loran, many extras, \$21,000. 751-8133 after 6 p.m.

24' SEARAY - flybridge, many extras, good cond., asking \$6,000. 475-9643 or 289-1726.

23' 4 WINNS - 1986, 230-h.p. Merc. i/o, used two seasons, many extras, trailer optional, \$11,500. Charlie, Ext. 2407.

20' CLAMBOAT - fiberglass, self-bailing, cabin, excel. cond., make offer. 563-6680.

17' STARCRAFT - V-hull, w/EZ loader trailer, new 40-h.p. Yamaha, ask. \$3,500; 13' Tri Hull, i/g, more, ask. \$850. Joey, Ext. 2950 or 758-2938.

16' BOWRIDER - fiberglass, 65-h.p. Evinrude, tilt galv. trailer, power winch, \$1,400. Jim, Ext. 3372 or 821-0250.

16' DORY - w/25-h.p. & 2-h.p. Johnsons, tilt trailer, extras, \$900; 15' Coleman canoe, paddles, roof-top carrier, \$300. 331-7812 eves.

MAST/BOOM - 22'8"/10'2" aluminum mast, boom & stainless steel rigging, \$250. Ron, Ext. 4112.

MOORING - 75 lbs. 689-9234.

MERCUISER OUTDRIVE - 1983, upper unit, prop., other parts for same, all in good shape, \$300/all. Ted, 924-0705.

Furnishings & Appliances

CABINET - Colonial, maple w/record player & radio, storage, suitable TV, \$250; pine trestle table & 2 benches, \$150. Saxon, 929-4701.

LIVING ROOM - Colonial, 2 sofas, 1 chair, 3 tables, 1 lamp, excel., \$450; dining table w/6 chairs, \$200. Norman, Ext. 3897 or 472-3985.

TABLE - w/4 chairs, \$50; kitchen table w/slide-on leaves, 1930s, \$75; bedroom set, \$50. 878-6637.

AIR CONDITIONER - window or through wall, 5,900 Btu, 115 volt, asking \$125; ski/rower exercise machine, asking \$70. Saxon, 929-4701.

ANTIQUE DINING ROOM SET - 6 upholstered chairs, reasonable. 363-7032.

ANTIQUE DINING ROOM - oak, pedestal 40" round kitchen table, 5 matching oak pressback chairs, \$800. Annamaria, Ext. 2352 or 821-5247.

REFRIGERATOR - 19 cu. ft., 5 cu. ft. freezer, excel., \$125; Beckett retention head burner, \$50. 363-2070.

SEWING MACHINE - \$20; redwood chair, \$39; b&w TV, \$35; typewriter, \$10; chair umbrella, new, \$15; coffee pot, \$20. Kathy, 744-2203.

SEWING MACHINE - Singer Tiny Taylor, model M100A, never used, still in box, orig. \$80; sell for \$60. Joann, 472-6742.

SEWING MACHINE - old foot pedal model, oak, \$50; formica table, chrome legs, 39" x 24" w, \$15; direct drive blower, 3/4" h.p., 4-spd., \$30. 878-6637.

SOFA BED - & armchair, good cond., \$150/both. 924-8143 any time.

SOFA - living room, camel back, \$300; sofa & chair, off-white, \$500. Greg, 475-2509.

STAIRS - attic, fits standard 8' ceiling. Leo, Ext. 2273/7898 or 728-0992.

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

WASHING MACHINE - \$240; dryer, \$240; sofa, love seat, recliner, \$720; wall unit, \$360, d/r set, \$600; more. Chu, Ext. 3809 or 588-9019.

WASHER & DRYER - portable, Sanyo, apartment size, \$385/pair w/rack. Marsha, Ext. 5053.

Tools, House & Garden

HOT WATER HEATER - 50 gallon, oil fired, w/burner, \$200. Harry, Ext. 7527 or 744-2715.

FIREWOOD - split, seasoned, delivered & stacked, hardwood, \$100/cord. Ken, 331-1841, leave message.

KEROSENE HEATER - like new, hardly used, all access., \$125. 698-2798.

LAWN MOWER - garden hoses, cutter, \$120; heater, \$20. Chu, Ext. 3809 or 588-9019.

LAWN MOWER ENGINE - Briggs & Stratton, 3 1/2 h.p., \$65; Sears lawn tractor, 11 h.p., 36" deck, needs battery, \$350. Dan, Ext. 4987 or 698-7322.

PATIO FURNITURE - metal, 2 couches, 2 chairs, 2 tables, footstool, w/cushions, \$200; redwood table, 4 benches, \$100. Bob, 467-4222.

RIDING MOWER - 8 h.p., 36" cut, electric start, all pneumatic tires, \$350. Ron, 929-8182.

WINDOW - Andersen, triple, 6x12", thermal pane unit, w/bottom louvers, \$350. 929-6235 after 5 p.m.

Audio, Video & Computer

COMPUTER - C-64 Commodore, 13" Magnavox monitor, 1541 II disc drive, 2 joysticks, Geos 2.0, various games, \$280. 475-6981.

COMPUTER - Apple, dual processor, II+/CPM-80, dual drives, monitor, Epson NLQ FX-80 printer software, \$200. Don, 744-2921.

COMPUTER - Commodore C-64, 1571 disk drive, 2 joysticks, Star NX10 printer, software, \$275. Bob, 467-4222.

RECORDS - classical "Great Men of Music," Boston, Chicago; Franklin mint collection, some never played. Janet, Ext. 2345 or 929-3910.

SITAR - professional, cost \$1,000; Indian drums, make offer. Saxon, 929-4701.

SCANNER - Marstek M105+, 400DPI, 1/2 page, brand-new, warranty, w/all papers. Bill, Ext. 4000.

STEREOS - 3, \$10/ea. Pete, Ext. 4581 or 399-2813 after 5 p.m.

TV - Sylvania, 19", color, portable, needs tuner rebuilt, \$40. Van, Ext. 7039 or 289-8428.

TELEVISION - Magnavox, 25". Chu, Ext. 3809 or 588-5019 eves.

TV - 19", color cable ready, good cond., \$40. Ext. 4518.

Miscellaneous

ENCYCLOPEDIA AMERICANA - 30 volumes, complete, w/index, old, but new cond., \$75; Sears belt sander, like new, \$15. Saxon, 929-4701.

ART SUPPLIES - TV, toaster, oven, phones, ice creamer maker, Black & Decker dustbuster, cheap. Saxon, 929-4701.

BABY'S ITEMS - boy's clothes, newborn to 4T; girl's clothes, newborn to 18 mo., most in great cond.; walker, \$18; carriage, \$40. Mary, 924-6235.

ENGAGEMENT RING - .78 carat, size 6, orig. \$1,800, sell for \$950. 331-7812 after 5:30 p.m.

GARDENING BOOKS - \$1/ea.; table cloths, \$5; tire jack, \$15; doll carriage, \$10; horse, \$35. Kathy, 744-2203.

MACRAME HANGERS - w/8" or 10" pot, many styles, colors & lengths, \$13. Laurel, Ext. 4095.

MAN'S SHOES - new, size 10, wingtips, brown, leather soles, \$10. Joe, pager 0925 or Ext. 2898.

TICKETS - 2, Mets vs. Yankees, exhibition game, 4/5, Shea Stadium, \$13/both. Barbara, Ext. 5175.

YARNS - knitting, crocheting, all colors. Chris, 281-6233.

Free

DOG - Shih Tzu, male, 2 1/2 yr. old, neutered, frisky & playful, needs good home. Mary, Ext. 2815 or 472-4087 after 6 p.m.

Yard & Garage Sales

BELLPORT - Sat. & Sun., 4/4-5, 9 a.m.-4 p.m., moving, furniture, appliances, tools, etc., 92 Circuit Road.

Wanted

COLOR TV - & microphone speakers, 200W. Gina, Ext. 2396.

MUSHROOM ANCHORS - 150 or 250 lbs. Bob, Ext. 4044 or 261-3890.

PARTNER - for 30' sailboat in Mt. Sinai Harbor, share expenses and fun. Ext. 7699 or 821-1435.

REFRIGERATOR - 14-18 cu. ft., looks not important, cheap. John, Ext. 2172 or 744-4386.

SUNFISH SAILS - mast, boom, accessories. Ext. 4689.

VIEWERS - for video "Jesus" by Campus Crusades; 2 parts, 4/14 & 16, noon, Snyder Conf. Rm. 911A. Frank, Ext. 2368, or Pete, Ext. 3297.

On-Site Services

FRIENDLY BROOKHAVEN SERVICE - weekly special, lube, oil, filter change + check belts & hoses, \$18.95. John, Ext. 4034.

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.

ALTERATIONS - men's & women's clothes. Theresa, 289-0898.

AUTO DETAILING - spring cleanup, meticulous, interior/exterior cleaning, washing, waxing at your home, \$15/up, refs. avail. Andy, 929-4450.

AUTOMATIC LAWN SPRINKLERS - free estimates, prof. layouts, repairs, alterations & additions, prompt service. Lou, 928-7042.

BABY-SITTING/CHILD-CARE - mature mother of 2 yr. old, in our home, close to Lab, playmate for 2 yr. old & plenty of toys. Jackie, 744-2921.

BABY-SITTER - exp. high school sitter avail. after school & weekends, avail. all summer. 399-2179.

BABY-SITTING - mature, exp. mom has on-site openings for children, reasonable rates. Karen, Ext. 3181.

BABY-SITTING - responsible mom of one to care for your child in my Eastport home after-noons/eves. and weekends. Debbie, 325-1207.

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

CAKES - bakery style, beautifully decorated, all occasions, cookies, pies & pastries also avail. Millie, 367-4147.

CENTRAL AIR CONDITIONING - installation, quality workmanship, affordable, Lab disc. John, 467-5827.

CHIMNEY SWEEPS - fireplaces, wood, coal & oil flues, stainless steel caps w/lifetime warranty, Lab disc. Mike, 821-5526.

COLLEGE FINANCIAL AID - fee refunded if no aid, computers match grants, scholarships w/ student's background, Lab disc. Tom, 736-6691.

DOG/CAT GROOMING - ferrets, rabbits, all breeds 10% off 1st time, Lab. disc., boarding avail., will pick up. 727-3830.

DRESSMAKING - tailoring, alterations, over 30 years exp., reasonable fees. Tomiko, 727-1412.

FRENCH LESSONS - native speaker offers lessons at all levels. Nadine, Ext. 3112.

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

GOLF CLUBS REGIPPED - get a grip on your golf game, \$3.50 and up. Ray, 758-4937.

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

HOME IMPROVEMENTS - all phases, specializing in roofing, windows & decks. Joe, 399-0828.

HOUSECLEANING & MENDING - free estimates, dependable, reliable & reasonable, spring cleaning and/or clothes repair. Joann, 472-6742.

HOUSECLEANING - your way, refs. avail. Carmen, 744-2715.

HOUSECLEANING - islandwide cleaning & opening houses for the summer. Sydel, 727-6385.

HOUSECLEANING - reasonable, very efficient. Marty, 399-3496.

HOUSECLEANING - thorough, reasonable, trustworthy, refs. Cathi, 281-0360.

LAND CLEARING - stumps/trees/brush removed, w/rake on 450 loader, \$70/hr. Tom, 878-1060.

LANDSCAPING - cleanups, planting, total lawn design, lawn maint., decking, patios & complete masonry, free estimates. Dennis, 395-6055.

LANDSCAPING - quality lawn & shrub care, 25 yrs. exp., reasonable rates, reliable service, lic. & ins., western Suffolk. P.J., 277-9528.

LAWN CUTTING - very low rates, dependable student seeks summer jobs, quality work from Patchogue to Riverhead. Brian, 878-4356.

LAWN MOWER - and lawn tractor repair, reasonable rates, have trailer will travel. Dan, 698-7322.

MAILBOXES - distinctive, custom-made, heavy gauge steel, 9 colors, free lettering, catalog avail., installation, Lab disc. Mike, 821-5526.

MARINE MECHANIC - inboard & I.O., tune-ups & service, installations (electronics & access.), waxing avail. at reasonable prices. 924-0705.

NAILS - all kinds (tips, gel, etc.), 1st set w/free designs, \$30, many other specials, NYS certified, children welcome. Jackie, 744-2921.