BROOKHAVEN BULLETIN
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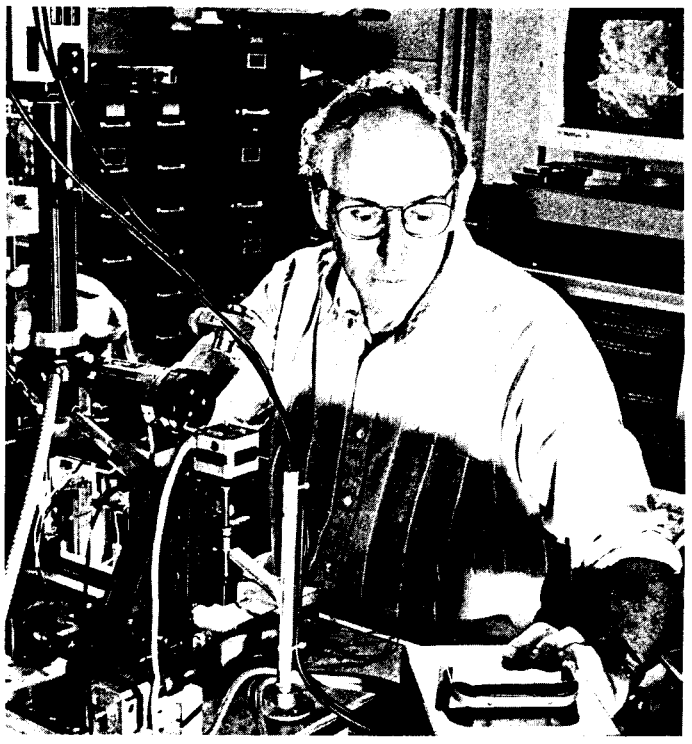
BROOKHAVEN NATIONAL LABORATORY

Uhlig Award for Hugh Isaacs From Electrochemical Society



Photos in this issue by Roger Stoutenburgh

Hugh Isaacs studies corrosion in his Materials Sciences Division laboratory.

Hugh Isaacs, a metallurgist in the Department of Applied Science (DAS), has been honored with the H.H. Uhlig Award from the Electrochemical Society (ECS).

The award was presented to Isaacs on Tuesday, October 12, during ECS' week-long annual meeting, held in New Orleans. Established to commemorate Uhlig's pioneering work in the field of corrosion studies, the award, which includes a prize of $500, is given for "outstanding achievement in corrosion research or other significant technical contributions to the field of corrosion science."

Part of the recent research that won Isaacs this award has been on the use of synchrotron x-ray methods to study corrosion in situ, investigating the composition of salt layers and occluded solution, the role of chromium and chromates, and the growth and dissolution of passive-oxide layers on iron and aluminum alloys.

Isaacs earned his Ph.D. from London University in 1964, winning the Henry Edward Armstrong Medal and Prize from Imperial College of Science and Technology for his thesis on the valency changes in oxide films on metals. He started his career at the Lab in 1967 as an assistant metallurgist in the Department of Nuclear Energy, first working on a study of the chemistry of oxygen in sodium and its role in the corrosion of iron-based alloys.

In 1969, Isaacs became an associate metallurgist in the then Department of Energy and Environment, now DAS. Then, in 1972, he left BNL for Oak Ridge National Laboratory, where he studied problems of corrosion and stress-corrosion cracking in steam generators used in conjunction with liquid-cooled fast breeder reactors. On his return to the Lab in 1974, he rejoined DAS as a metallurgist to investigate the oxidation of graphite as part of the safety aspects of high-temperature gas-cooled reactors. He was granted tenure in 1982.

In the 1980s, Isaacs began studying intergranular cracking in water-cooled reactors and the role of sulfur

(continued on page 2)

Brooks Becomes Davis's Deputy

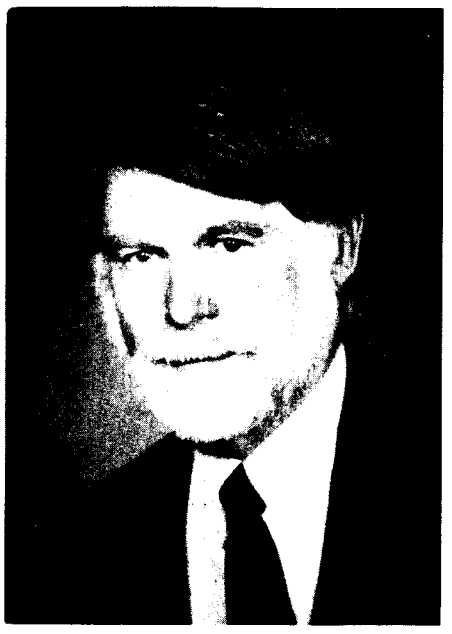
Michael Brooks has been appointed Deputy to the Associate Director for Reactor, Safety and Security, M. Sue Davis, effective immediately.

In announcing Brooks' promotion from Reactor Division Head to his new position, Davis noted, "Over the past several years, Mike has more than demonstrated his management and leadership capabilities by the way he organized the Reactor Division, planned its activities and responded to changes within DOE that have impacted reactor operations. The Laboratory is fortunate to have Mike in this new position, and I look forward to working with him."

Davis said Brooks will report directly to her office, providing the "focal point" for reactor management within the Director's Office. He will work to ensure that BNL's two reactors — the High Flux Beam Reactor (HFBR) and the Medical Research Reactor (MRR) are in compliance with the requirements of the U.S. Department of Energy (DOE) and BNL safety policies.

"The division needs someone not involved in the daily operation of the reactors to provide oversight and direction," Brooks said. "I'm looking forward to trying to find the right level of interface."

As well, he added, he will fulfill assignments from Davis in the areas of environment and safety. "After all, if you're in the reactor business you're in the safety, quality assurance, training and environmental protection business," he explained. "There is an overlapping of all these disciplines."



Michael Brooks

Brooks takes on his new position after seven years as Head of the Reactor Division and 32 years at BNL.

In his time at the Lab, Brooks has helped implement BNL safety policy as a member of the Laboratory Safety Committee. As an active member of the DOE reactor facility community, he was a founding member of the Association of Excellence in Reactor Operations.

As division head, Brooks presided over a two-year safety inspection shutdown of the HFBR, and saw the division's staff increase from 68 people to over 140 as its budget more than doubled to allow the Reactor Division to address the rapid expansion of regu-

(continued on page 2)

SSC Canceled by Congress

The Superconducting Super Collider (SSC) suffered a stunning defeat last Thursday, October 21, when Congress voted to cancel the project. The final vote by the House-Senate Conference on Energy and Water Appropriations came two days after the House of Representatives voted firmly against the project for the second time this year, although the Senate had given the SSC its support.

"The decision by Congress to terminate this project is a devastating blow to basic research and to the technological and economic benefits that always flow from that research," said Secretary of Energy Hazel O'Leary. "The SSC was expected to be the flagship for the world's high energy physics program, but Congress has now decided that the SSC will not be completed. The House made this decision based on the need to reduce the federal deficit, yet the outcome will be the loss of an important, long-term investment for the nation in fundamental science."

BNL Director Nicholas Samios agreed, saying, "This is a sad day for science — a great scientific project needed for the orderly progression of particle physics has been terminated. Such action gives me great concern for the durability of a credible basic science program, which is crucial for the health and vitality of the U.S. and its citizens."

In the final vote, the $640 million originally intended to continue SSC construction in fiscal year 1994 was allocated instead to shutting down the project, which employs some 2,000 people.

Situated in Waxahachie, Texas, near Dallas, the SSC was designed to address the most basic questions about the origin of matter by circulating protons around a 54-mile tunnel, then colliding them at energies of about 20 trillion electron volts. So far, the project had cost some $2 billion and was about 20 percent completed. The SSC's ultimate cost was estimated at $11 billion.

New Chairman of the Board Elected at Annual AUI Meeting

Ernest Henley, Professor of Physics at the University of Washington, Seattle, was elected to a two-year term as Chairman of the Board of Associated Universities, Inc. (AUI), at the Board of Trustees' annual meeting, held at Brookhaven, October 20-21.

The managing organization for both BNL and the National Radio Astronomy Observatory (NRAO), AUI rotates its Board and Executive Committee meetings among BNL, various NRAO sites, and its Washington, D.C., headquarters.

Henley has served on the AUI Board since 1988. In assuming the Chairmanship, he succeeded Val Fitch of Princeton University, who had completed his two-chair term as Chairman of the Board.

Also at this meeting, two new members were elected to the Board of Trustees: Martha Haynes, Professor of Astronomy at Cornell University, was chosen to fill the two years remaining on the term of Hugh Van Horn, University of Rochester, who has retired from the Board; and Shirley Jackson, Professor of Physics at Rutgers University, was elected for a three-year term, vice Ralph Schwarz, Columbia University.

In addition, the following seven trustees were reelected to full three-year terms:

- John Armstrong, IBM Corporation, retired
- Morton Corn, The Johns Hopkins University
- Louis Girifalco, University of Pennsylvania
- Herman Feshbach, Massachusetts Institute of Technology
- Paul Martin, Harvard University
- Andrew Sessler, Lawrence Berkeley Laboratory
- Richard Zdanis, Case Western Reserve University

Trustees were elected to the Audit and Executive Committees and appointed to the Administrative Affairs and the Environment, Safety and Health Committees. Representatives were also appointed to all AUI Visiting Committees.

Lastly, all AUI officers were reelected for one-year terms:

- Robert Hughes, President
- Thomas Davin Jr., Vice President - Corporate Affairs (Davin is also AUI General Counsel)
- Jerome Hudis, Vice President - Programmatic Affairs, Controller and Secretary
- Leland Willis, Vice President - Environment, Safety & Health
- Scott Lederman, Treasurer
- Carol Whitley, Assistant Secretary

Information Fair

The Technical Information Division will host its 5th Annual Fair at Berkner Hall on Thursday, November 4, from 10 a.m. to 3 p.m.

In addition to publishers' displays of books, there will be demos of WAIS, WEB, and Gopher applications. Bob Kelly, head of electronic publishing at the American Physical Society, will talk about developments in computer-based journals, and Barry Hudson, from Westinghouse-Savannah River, will demonstrate the capabilities of multimedia tools to handle facility information systems.

Brooks (cont'd)

lations and DOE oversight during the time period.

As he prepares to assume his new duties, Brooks took time to thank the division's employees in both the HFBR and MRR for their extra efforts over the past several years. "They withstand pressure and meet requirements and do what it takes to keep the facilities safely on line, while still finding the time to maintain a sense of family within the division," he said.

A search committee will be appointed to find a new Reactor Division Head. Until that time, Brooks will continue to serve in that capacity.

Isaacs (cont'd)

species in stress corrosion cracking and localized corrosion. This work led to his winning, with two other BNL scientists, the 1983 Outstanding Scientific Accomplishment Award from the U.S. Department of Energy. One year later, he received the Sam Tour Award from the American Society for Testing and Materials, for a paper on localized corrosion using a scanning reference electrode to locate, monitor and observe corroding sites on metal surfaces.

Isaacs has been an ECS member since 1968, has served as a divisional editor of the ECS Journal and is now chairman of its Corrosion Division.

— Liz Seubert

Notaries Public

Each of the following is a notary public located on site:

	Bldg.	Ext.
Advanced Technology		
Susan Carlsen	197C	7647
Cheryl Conrad	130	2272
Florence O'Brien	130	4962
Alternating Gradient Synchrotron		
Penny Lo Presti	911A	2625
Applied Science		
Patricia Fox	179A	2939
Ellen Fredrickson	179A	2816
Patricia Kriss	426	3275
Betty Pergan	179A	2937
Joan Sperry	179A	2910
Associated Universities, Inc.		
Frank Federmann	134A	2482
Contracts & Procurement		
Roseann Callister	355	3142
Mary-Faith Healey	355	3179
Barbara Pringle	355	3154
Director's Office		
Renee Flack	438	3316
Michael Goldman	460	3324
Carole Joyce	460	3325
Carole Kerr	460	3320
Ruth Ann Lutz	460	7774
Donald Robbins	460	3313
DOE Brookhaven Area Office		
Irene Atney-Yurdin	464	3440
Timothy Drawbridge	464	3436
Joan Shands	464	3435
Management Information Systems		
Katherine Boggi	459	3805
Medical		
Darcy Mallon	490	3362
Personnel		
M. Kay Dellimore	185	2873
Donna Dowling	185	2754
Joyce Wund	185	7516
Photography & Graphic Arts		
Dolores Janes	197B	2907
Plant Engineering		
Cindy Morgan	911	pager 0722
Reactor		
Deborah Doyle	490	5916
RHIC		
Melanie Covitz	1005S	5141
Bonnie Sherwood	1005S	4901

Instant Attraction

Vera Rubin (left) and Vincent Teich had never met before. But when Rubin, a Trustee of Associated Universities, Inc., arrived on October 20 to tour BNL's Child Development Center (CDC), 21-month-old Vincent took an instant liking to her. An astronomer with the Carnegie Institution of Washington, Rubin visited the CDC prior to the annual AUI Board of Trustees Meeting, held on site October 20-21.

Vincent is one of 105 children currently enrolled in the CDC, and the waiting list now includes 80 youngsters, from two months to five years old. The time on the waiting list is considerable, so anyone thinking of enrolling a child is advised to contact CDC Director Deborah O'Neill, Ext. 7416, at the earliest possible date. There is no charge for placing a child's name on the list.

UNIX Training

The Computing & Communications Division (CCD) has scheduled UNIX training classes to meet in the CCD seminar room, Bldg. 515, next month as follows:

- **Introduction to UNIX,** $300
  Mon.-Thu., 11/15-18, 9 a.m. to noon
  Fri., 11/19, 9 a.m. to 5 p.m.
- **C Shell Programming,** $200
  Mon.-Thu., 11/15-18, 1 to 5 p.m.
- **Advanced C++ Programming,** $700
  3 full days, dates to be announced
  prerequisite: 6 months C++ programming

To register, send an ILR for the correct amount to Pam Mansfield, Bldg. 515, before November 5. For more information, contact Mansfield, Ext. 7286.

AA Meetings

Next month, Alcoholics Anonymous (AA) meetings will be held on site after work on the following Mondays: November 1, 8, 15, 22 and 29.

All employees, retirees, others working on site holding current BNL identification cards and their dependents are invited to attend. For the location and times of the meetings, call the Employee Assistance Program, Ext. 4567.

Callers will not be asked to leave their names, and all calls are confidential. Also obtain meeting information by writing to P.O. Box 641, Upton, NY 11973.

Wine & Dine . . .

. . . at the annual Wine & Cheese Party sponsored by Brookhaven Women in Science. It will be held on Tuesday, November 9, from 4:30 to 6:30 p.m. in the Recreation Building in the apartment area. The party is free, and all are invited to this informal get-together to get acquainted with BWIS members and officers, and with the group's accomplishments, which have benefited the entire Lab community.

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. . . at the annual Autumn Evening's Wine and Food Tasting at the State University of New York at Stony Brook. Scheduled for Thursday, November 18, from 5:30 to 8:30 p.m., the event will feature wines from Long Island wineries and others, and gourmet foods and desserts from regional restaurants and caterers. Admission is $40 per person prepaid, $50 at the door. For more information, call Michael McHale, 632-6873.

Equipment Demo

Components & Controls, Inc., will display the full line of Circle Seal controls on Wednesday, November 3, from 8:30 a.m. to 2:30 p.m., in Berkner Hall. These controls include check, relief and shut-off valves, and high-pressure regulators and specialty solenoids.

Corrections

- The wrong extension was given for Christine Ronick, the new Conference Support Supervisor in the Staff Services Division. Reach her on Ext. 3545 or beeper 0117.
- The wrong day of the week was given for the Outreach workshops on "The Lab and You: Creating an Emotionally Healthy Work Environment." They were scheduled for two Tuesdays, and the second session will be held on November 2, in Room B, Berkner Hall.

Arrivals & Departures

Arrivals

Shantilata Subudhi ..... Plant Eng.

Departures

This list includes all employees who have terminated from the Laboratory including retirees.

Eugene P. Cronkite ..... Medical

Mixed-Paper Recycling Keeps on Truckin'

It's a bird, it's a plane, it's a garbage truck! Well, technically, it's a recycling truck, ready to pick up your recyclable mixed-paper trash and send it off to be made into new products.

Mixed-paper recycling starts on site next week. This week, employees should have gotten their individual mixed-paper receptacles, like the one being emptied above by Frank Zambriski, Plant Engineering Division, and each building should have received a large green plastic bin, like the two near Zambriski, for collecting mixed paper for pickup by the new truck.

A list of what can be recycled comes with the individual receptacles. For more information, contact your department or division recycling coordinator or custodial supervisor.

Hallowed Tradition Continues

It's the Friday before Halloween, and traditions must be upheld. So, sometime today you'll probably bump into a troupe of Department of Advanced Technology employees, who take vacation time every year to spread Halloween cheer and fear throughout the Lab wearing themed costumes.

Each year, says Ann Fort, the unnamed group's "spooksperson," the regular members dream up the new theme. They then recruit cast members and make props and costumes, keeping the whole thing hush-hush until they begin their tour of selected departments and the Cafeteria.

The Halloween haunters paused for a "family" portrait during last year's scare-a-rama, in which they dressed as the Addams Family of cartoon, TV and movie fame. They are: (rear, from left) as Cousin It, Donna Storan; as Pugsley, Sonja Santos; as Wednesday, Jeanne Madaia; (front, from left) as Lurch (with Thing), John Usher; as Grandmama, Patty Ennis; as Morticia Addams, Kathy Nasta; as Gomez Addams, Joe Carbonaro; as Uncle Fester, Ann Fort.

Volleyball

Standings as of October 20

Open League		League I	
The Roofing Co.	4-2	Underdogs	4-2
Me and the Boys	2-1	Upfagrabs	2-1
GTEAM	2-1	Rude Dogs	1-2
Far Side	1-2	Network News	1-2
Penetrating Vollies	0-3	Fornossing	1-2
League II		**League III**	
Spiked Punch	3-0	Take Five	3-0
Nuts & Bolts	3-0	Silver Bullets	3-0
Safe Sets	2-1	High Volley'em	2-1
Night Court	2-1	Jolly Vollies	1-2
Monday Night Live	1-2	Upton Ups	0-3
Net Wits	1-2	Slow Hands	0-3
Fossils'	0-3		
NTTP	0-3		

In Memoriam

The following retirees passed away recently:

Roger E. Hallinan died on October 14 at the age of 54. He was hired as a computer operator II in the Applied Mathematics Department (AMD) on August 7, 1967. As a principal operator, he left the Lab on long-term disability on December 27, 1988, two months after AMD became the Computing & Communications Division. He retired the following December.

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Walter L. Goodridge, who retired from the Plant Engineering Division as a laundry operator A on December 31, 1973, died on October 13, at the age of 85. He started at BNL on August 1, 1949, as a janitor in the Building & Grounds Division.

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Amateur Radio Club

Enjoy the advantages of HAM radio without learning Morse code: Take the codeless technician license course that the BERA Amateur Radio Club will offer either during lunch or after 5 p.m., depending on those interested. A fee will be charged to cover the costs of material and the examination.

For more information or to express interest, contact Chris Neuberger, Ext. 4160, or Nick Franco, Ext. 5467.

Hospitality News

Marylu Van Essendelft will speak about the origin and meaning of the Thanksgiving holiday at the next Hospitality Committee get-together on Tuesday, November 2, at 9:30 a.m., in the lounge of the Recreation Building in the apartment area.

Spouses of Lab employees and guests are welcome. Bring the children, but please also bring along a toy or two. Coffee, tea and cookies will be served.

Bowling

Red/Green League

H. Arnesen bowled a 233, R. Wiseman 221, R. Larsen 215, A. Warkentien 214, K. Koebel 213, C. Bohnenblusch 209, R. Mulderig 205, K. Riker 203/202, S. DiMaiuta 202, F. Griswold 201, G. Spira 201, J. Goode 200, P. Ouvrard 200.

Purple League

Ed Sperry IV 246, Ben Belligan 205, Manny Dador 192, Mary Addessi 181, Debbie Keating 181, Judy Colman 190/175, Linda Farmer 170. Denise Monteleone converted the 7/6/10 split & Renee Flack converted the 3/5/7 split.

White League

Mike Meier 223, Ann Wynkoop 211, John McCarthy 211, Paul Callegari 200, Sharon Smith 192, Gerrie Riker 195, Pat Manzella 188, Lorraine Roecklein 186/184. Joe Gormley converted the 5/8/10 split, Steve Gushue the 3/7, 4/7/10 split.

Dinner-Mystery Theater — Gourmet Detectives, Alert!

Beware! Friday, November 5, is the absolutely final date to buy tickets for the intriguing dinner-mystery theater event plotted by the BERA Special Events Committee. At the dinner on Friday, November 12, at the Knights of Columbus Hall, Patchogue, the well-known Murder Mystery Inc. actors will create a spine-chilling murder mystery in which guests join in as potential victims, detectives — or the murderer!

Dinner includes prime rib or chicken cordon bleu, dessert table, open bar for five hours and after-mystery dancing hosted by deejay Ed Taylor until 1 a.m. At $45 each, tickets are on sale now at the BERA Sales Office in Berkner Hall, Ext. 3347, weekdays 9 a.m. to 1:30 p.m., and, for today only, at the Teachers Federal Credit Union, from 11 a.m. to 3 p.m. Buy now — positively no tickets will be sold at the door!

A Spooky Blast From the Past

Talk about skeletons in your closet! These two Halloween tricksters Judy Otto (left), Photography and Graphic Arts (P&GA), and Irma Reilly, now retired from P&GA, pause beside the spooky display they set up in their department's hallway last October to put their coworkers in the Halloween "spirit." Even with her busy schedule and no "ghoulfriend" to assist her, Otto hopes to fill the Bldg. 197 nook with another ghastly scene this year.

BERA Trips: Last Call

Make reservations for the following BERA-sponsored trips now, at the BERA Sales Office, Berkner Hall, weekdays 9 a.m. to 1:30 p.m. For more information, call Andrea Dehler, Ext. 3347, or Kay Dellimore, Ext. 2873.

Take a Walk on the Boardwalk

The next one-day trip to Atlantic City is to the Claridge Hotel and Casino on the Boardwalk, on Saturday, November 13. The initial cost will be $25, but the hotel/casino will give a $5 coin return and a $5 deferred-return voucher.

Christmas Show at Radio City

This is the last chance to reserve seats for the Christmas Show at Radio City Music Hall on Sunday, November 28. A $40 deposit is required, and the price of $88 per person includes all taxes and tips, and:

- Round-trip bus transportation.
- Time to sightsee or shop.
- Early full-course dinner at the Cafe 44 restaurant.
- Orchestra/front mezzanine seats for the 6 p.m. show.

Let's Dance

The BNL Ballroom, Latin & Swing Dance Club is planning these events:

TGIF Social Tonight

Tonight, October 29, celebrate "Thank Goodness It's Friday" (TGIF) at the club's first monthly informal dance, in the North Ballroom of the Brookhaven Center from 5:30 to 11 p.m. Members, family, friends and BNLers are all invited to tango, waltz, cha-cha, foxtrot, mambo, swing, hustle and rhumba to taped music. Or bring your own CDs. Your donation of $1 will help buy more music. For more information, call Brenda Bryant, Ext. 4524; or John Millener, Ext. 3853.

NYC Dance Bus Trip

Some seats remain for the bus trip to New York City for five hours of ballroom dancing at the legendary Roseland dance hall. On Sunday afternoon, November 7, the bus will leave BNL at 12:30, arrive in NYC at 2:30, leave at 7:30 and return to BNL by 9 p.m. The cost is $21 for bus and Roseland entrance. Call Liz Seubert, Ext. 2346.

Celebrate Diwali

The BERA Indo-American Association will celebrate Diwali, the festival of light, on Saturday, November 20, in Berkner Hall, from 3 to 9 p.m. The evening's activities will include a cultural program, a social hour and an authentic Indian dinner. Admission is $8 for members of the association, $10 for nonmembers and $5 for children.

For information and reservations, contact Anand Saxena, Ext. 4844 or 689-9771; Ramesh Gupta, Ext. 4805 or 924-8113; or S. Khalid, Ext. 7597 or 744-5895, before November 15.

Cafeteria Menu

Monday, November 1	
Soup: Thyme-scented lentil	.80/1.10
A la Carte: Baked pork chops w/veg.	3.75
Fitness Fare: Vegetable lasagna	3.35
Deli: Pastrami sandwich	2.95
Grill: Reuben platter	2.95
Fitness Salad: Tuna platter	
Tuesday, November 2	
Soup: Minestrone w/sausage	80/1.10
A la Carte: Spaghetti, red clam sauce	3.45
Fitness: California chicken w/veg.	3.65
Deli: Hot roast beef sandwich au jus	2.95
Grill: Spanish omelet w/French fries	2.35
Fitness Salad: Chef's seafood bowl	
Wednesday, November 3	
Soup: Beef & vegetable w/rice	.80/1.10
A la Carte: Shrimp chow mein w/rice	4.25
Fitness: Oven crisp chicken w/veg.	3.45
Deli: Baked Virginia ham sandwich	2.95
Grill: Italian cheesesteak w/fries	2.95
Fitness Salad: Fruit w/low-fat cottage cheese	
Thursday, November 4	
Soup: Mulligatawny	.80/1.10
A la Carte: Liver & onions w/veg.	3.45
Fitness: Vegetarian green peppers	3.45
Deli: Corned beef sandwich	2.95
Grill: Monte Cristo platter	2.95
Fitness Salad: Cantaloupe bowl	
Friday, November 5	
Soup: Seafood chowder	.80/1.10
A la Carte: Beef & peppers over rice	3.85
Fitness: Display cooking special entree	
Deli: Roast turkey sandwich w/gravy	2.95
Grill: Fried clam boat	3.25
Fitness Salad: Grilled chicken platter	

Deli, Burger & Taster's Bar specials daily.

Hearts & Flowers

This year again, BERA will take part in the American Heart Association's mini carnation bouquet benefit. At $5 a bouquet, orders are being taken now through November 4, and the carnations will be available on Tuesday, November 16, at the BERA Sales Office. For more information, call Andrea Dehler, Ext. 3347.

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 - Doctorate normally required. Candidates may apply directly to the department representative named.

SCIENTIST/ENGINEER - Trained in nuclear sciences/engineering, to join NRC-sponsored programs including the evaluation of proposed advanced reactor designs. Extensive use of reactor-analysis codes, specifically RAMONA, is expected. Contact: Upendra Rohatgi or Lewis Snead, Department of Advanced Technology.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

DD 8868. SECRETARIAL POSITION - Requires an AAS in secretarial science or equivalent, excellent record keeping, organization and communication skills, and a knowledge of word processing and databases. WordPerfect and Rbase experience highly desirable. Will perform a wide range of secretarial duties for the Training and Procedures Group, such as maintaining, updating and revising information in training databases; preparing procedures, correspondence and reports; arranging travel; and organizing and maintaining files. Reactor Division.

DD 2830. SECRETARIAL POSITION - Requires an AAS in secretarial science or equivalent experience, a thorough knowledge of Laboratory policies and procedures, and excellent secretarial, communication and organization skills. Will provide varied secretarial support to the Accelerator Target Applications Group and the Deputy Division Head of the Applied Technologies Division. Duties will include preparation of technical reports and correspondence, arranging foreign and domestic travel, document logging and file maintenance. IBM PC experience is essential; WordPerfect 5.1 or WordPerfect for Windows 5.2 preferred. The ability to obtain and maintain a security clearance is also required. Department of Advanced Technology.

DD 2825. SECRETARIAL POSITION - (term appointment) Requires AAS in secretarial science or equivalent experience, PC and WordPerfect experience. Will perform standard clerical functions for the Injury Prevention and Analysis Group and the Division administrative support staff in the Engineering Technology Division. Duties will include preparing letters, memoranda and technical reports, arranging travel, filing and providing telephone coverage. Department of Advanced Technology.

DD 0911. SECRETARIAL POSITION - (part-time) Requires an AAS in secretarial science, excellent oral and written communication skills and demonstrated organizational skills. Will provide support to the Division Manager. Requirements include a thorough knowledge of the IPAP travel system, WordPerfect 5.2 or WordPerfect for Windows 5.2 and previous experience in an administrative support capacity. The ability to interact with users Labwide is also required. Management Information Systems Division.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

DD 0523. TECHNICAL POSITION - (term appointment) Requires an AAS in a technical field or equivalent experience. Responsibilities include assisting in the wiring, assembly, testing and installation of magnets and associated equipment for use in the RHIC injection beam line. Demonstrated proficiency in both mechanical and electromechanical fields required. RHIC Project.

LS 2824. ENGINEERING POSITION - Requires a BSEE, MSEE preferred, and substantial experience in electrical engineering and nuclear power-plant systems design, operation, testing and maintenance. Experience in environmental qualifications of nuclear plant components, as well as good oral and written communication skills, required. Familiarity with IEEE Codes and Standards is desirable. Must be willing to travel to commercial nuclear and DOE facilities to attend seminars. Must be able to obtain and maintain a security clearance. Department of Advanced Technology.

LS 5534. PROGRAMMING POSITIONS - Requires BSCS or equivalent, MS preferred, and several years' experience developing tools and programs in a distributed computing environment. Must have experience in UNIX, C, C++, shell script and X-GUI development knowledge with capability to comprehend mathematical and scientific issues arising in research areas in which they originate. Computing & Communications Division.

NS 8185. ENGINEERING POSITION - (part-time/term appointment) Requires bachelor's degree in fire-protection engineering, or a related engineering degree, and several years' experience in highly protected risk and life-safety code evaluations (NFPA 101). Previous experience developing and implementing loss-prevention programs and knowledge of NFPA and Factory Mutual standards required. Will implement an established loss-prevention program. Safety & Environmental Protection Division.

Motor Vehicles & Supplies

92 MOTOR HOME - Travelmaster 265, 460 Ford Class C, twin beds, entertainment center, generator, awnings, basement, 9k mi., $34,000. 286-0804.

90 TOYOTA COROLLA - 5-spd., am/fm cass., excel. cond., ac, new tires, $6,275. Tom, 744-8338.

89 EAGLE PREMIER - 7/70 warranty, 50k mi., ac, p/s, p/b, excel. cond., white. David, 286-3570 after 6 p.m.

87 VW GOLF - 5-spd., 125k mi., ac, new tires, muffler, $1,875; 89 VW Cabriolet, excel. cond., 57k mi., a/t, ac, cruise, Blaupunkt stereo, $11,500. 821-0686.

86 CHEVROLET CAVALIER - a/t, 147k, asking $450, runs well, clean in/out. John, 744-7898.

85 HONDA PRELUDE - 5-spd., p/s, moonroof, am/fm cass., 107k mi., new brakes, new clutch, $2,800 neg. Jack, Ext. 7493.

85 BUICK CENTURY - 4-dr., gray, 6 cyl., a/t, p/s, p/b, am/fm cass., ac (needs repair), good cond., asking $2,100. Leo, Ext. 3103 or 728-0992.

85 VW JETTA - 4-dr., ac, 5-spd., $1,100. Fred, Ext. 2386.

84 OLDS CUTLASS CIERA - ac, p/b, p/s, white, blue velour int., reliable, asking $750. Phil, 286-1348.

84 HONDA ACCORD LX - p/s, p/b, cruise, 12-valve, 120k mi.,$2,000. Rick, Ext. 3403.

83 HONDA ACCORD - 5-spd., am/fm, ac, new battery, tires & brakes, runs well, rear hit. Y.H., 444-8876 or 341-1055.

83 MONTE CARLO - good cond., new exhaust, alt., battery, high mi., ac, p/s, p/b, 6 cyl., $1,900 neg. Marge, Ext. 5167 or 588-0677.

83 NISSAN SENTRA - 5-spd., runs well, asking $900. Ping, Ext. 7857 or 924-6712.

83 PLYMOUTH FURY - good cond., needs brakes, 318 motor, $350 neg. 821-2854, leave message.

83 CUTLASS SUPREME - 4-dr., 130k mi., new tires, good transportation, $1,350. Chu, Ext. 2389.

80 CHEVY G-10 VAN - 6-cyl., a/t, hi-backs, rear windows, p/s, p/b, 112k mi., $1,200. Brian, Ext. 7519 or 234-9487.

80 AMC WAGON - 6-cyl., ac, $450. 878-0743 after 5.

77 FORD LTD - a/t, p/s, p/b, ac, 136k mi., $250 neg. Dannie, Ext. 4581.

54 CHEVY PICKUP CAMARO - subframe, a/t, p/s, p/b, 6-cyl., 9" Ford rear end, needs body work, glass. Fred, 878-4254.

51 DODGE PICKUP - runs, some body work, new glass in doors, $800. Guy, 758-6892.

JEEP ENGINE - 258, 90k mi., will demo., make offer. Glenn, 821-7082.

TIRE - 175/75 1214, M & S, free. Arnie, Ext. 2606.

OIL PAN - new, Moroso 7-quart, part # 20190, w/pickup, fits SBC, driver's side dipstick, $100. Joe, 345-3175, leave message.

CAR TENT - 10'x22',. good cond., $150. Kevin, Ext. 3082 or 281-8031.

REAR SPOILER - for '68 GTO, mint, $100; BF Goodrich B60-13 tires, $50/pair. John, Ext. 2913.

SPARE TIRE - GM car, $10. Ext. 1020.

Boats & Marine Supplies

19' BAYLINER BOWRIDER - 1988 125 h.p., tilt trim, am/fm cass., canvas, $3,000 firm. Jeanne, Ext. 7125 or 929-5716.

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

MARINER OUTBOARD- 40 h.p., 1986, all access., tank, less than 20 hrs., $1,400. Bill, 281-6498.

YAMAHA OUTBOARD - 50 h.p., 1984, power trim, VRO, spare prop., controls, good cond., $750. Bill C., Ext. 7136.

25' COLUMBIA II - 1991, Northsider, dinette, galley, V-Berths, head, depth recorder, fish finder, cockpit, liner, mint, many extras, $33,000 firm. Sue, Ext. 4931.

19' REGAL BOWRIDER - 115 h.p. Merc. 88 trailer, pwr. winch, compass depth finder, radio extras, new back to back seat, $3,800. Bob H., 654-3989.

18' STARCRAFT - 1973, alum. center console, restoration project, hull & trailer in v.g. cond., extras, engine avail., $900 neg. Bill, 281-6498.

18' COBIA 115 - Merc. o/b, good cond., $950. Roger, Ext. 7518 or 878-8847.

Furnishings & Appliances

AIR CONDITIONER - Friedrich Quietmaster, 8,000 Btu/hr., ER 10, excel. cond., $275 or best offer. Ellie, Ext. 3395, or Ken, 325-1537.

ANTIQUE RADIOS - 2, Col. style armchair, good cond.; 2-drawer wood file cabinet, best offer; gas range, almond, good cond., $50. Kathy, Ext. 2267.

BOOKCASES - 2, WFO, never used, 36"Wx72"H, orig. $150/ea., sell for $65/ea. 757-5338.

DINETTE - 48" round table, walnut, Formica, 4 swivel chairs, $40 neg.; dresser, Formica, 18"x30"x60", $25; upright freezer, old, runs well, $25. Bob, Ext. 4656.

DRYER - GE, elec., gold, great cond. 689-8793.

FREEZER - upright, GE, 18 cu. ft., white, built-in lock, excel. cond., must sell. Ann, Ext. 5740 or 744-8386.

KITCHEN CENTER - mixer, blender, juicer, salad maker, etc., $25. Judy, Ext. 2590.

LIVING ROOM SETS - 3-piece set or 3-piece w/sofa bed, must sell, moving. Vinny, 582-6241.

REFRIGERATOR - Sears, 15 yrs. old, 65"Hx33"W, $200. Ext. 2018 or 928-3568.

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

REFRIGERATOR - gas; 20" gas stove; Sears sofa bed, excel. cond. Jeb, Ext. 7607 or 286-0204.

REFRIGERATOR - apt. size, good cond., $60. Bob, 289-2986.

RUGS - 2, Oriental, maroon, 9'x12'x10'x15', $50/ea.; old time porch swing, $250. 475-4199.

SOFA - full-size sleeper, neutral color, excel. cond., price neg., end tables, coffee tables. Roseann, Ext. 3142 or 447-2110.

BOOKCASE - teak, w/cabinet, $75; hutch, w/bar, $50; Formica coffee table, 2 end tables, $125; entertainment center, $75. Lisa, Ext. 5867 or 467-8185.

FILE CABINET - metal, 58"x28"x18", 5 drawer, $25. 345-5783 mornings.

MICROWAVE - Sharp Carousel II, 2 mo. old, $80. 368-6115 after 6 p.m.

MOVING SALE - l/r, d/r, b/r furniture, microwave, dishes, linens, bike, 2 TVs. Sal, 924-2726.

RANGE - elec., 30", Caloric, v.g., self-clean, timer, almond top, $250. Kevin, Ext. 2948 or 744-0871.

RECLINER CHAIR - brown, $15. Mary, 924-6235.

SEWING MACHINE - Kenmore, runs well, $40. Ext. 5076.

TABLE - 2½'x4', dark oak, w/4 chairs, excel. cond., $75. Ray, 878-1947.

TABLE - trestle, pine w/Formica top, 36"x60", two 8" leaves, asking $50. Pat, Ext. 4638.

WALL OVEN - Westinghouse, self-clean, 22"x27" opening, $100. John, Ext. 2913.

WASHER & DRYER - Sears, apt. sized, 2 yrs. old, $400. Mauro, 265-6542.

WASHER & DRYER - Kenmore, portable, used 3 tirmes, $200. 289-1755.

Tools, House & Garden

BLOWER - 1 h.p., Sears, hand-held, 2-spd., w/vacuum attach., $40. 475-8242.

BURNER - Beckett AF II, .75-1.50 GPH, brand-new, 6 wks. old, orig. $300, asking $200. Bobby, 283-7986.

COAL STOVE - Surdiac, clean, efficient, like new, $250. 744-2060.

ENGINE - Briggs & Stratton, 10 h.p., horiz. shaft, steel sleeves, new, $300; snow blower, Ariens, 8 h.p., 2-stage industrial eng., elec. start, $395. 329-1277.

HEDGE TRIMMER - $20; electric blanket, new, $20; bassinet, $20; dining room table; TV, $20; suitcase, $10. Kathy, 744-2203.

MULCHER - old, works well, new gear box seals must be installed; $75; rototiller, good cond., runs well, $55; both engines hard to start. Ed, Ext. 4561.

PUMP - ½ h.p., well, $50. 744-2060.

TREES - Japanese red maples, $5. Bob, Ext. 5439.

VACUUM - Kirby Generation 3, w/all accessories, shampooer, many extras, less than a year old, asking $850. Donna, 447-2064.

WINDOW - white, vinyl slider, w/screen, 34"x34½", never installed, $50. Donna, Ext. 2716.

FIREWOOD - cut, cord or ½ cord, will deliver. John, 821-8343.

HOT TUB - full size, w/power pack, $2,250. Guy, 758-6892.

KITCHEN CABINETS - used, two 6' sections, $30/both; well water tank, A.O. Smith, w/controls, $50; 36" kitchen door, 9 pane glass, w/frame, $30. 345-5783.

LAWN TRACTOR - Sears Craftsman, 10 h.p., 36" deck, 3-spd., like new, w/36" snow blower, never used, will demo., $1,450. 331-2661.

OIL BURNER - Beckett, complete w/fire eye, asking $165. Bill, Ext. 2214.

PLOW - elect., hydraulic, frame for full size pickup, $550. Guy, 758-6892.

SANDPAPER - med. grit, 400' roles, $25; fine grit, 180 boxes, 800 sheets, $40. 744-2060.

SKYLIGHT - brand-new, insuladome skylight, still in box, 30"x45", non-venting, $200. Jim, 928-0387.

SNOW BLOWER - Snowbird, 20", chain driver, Briggs & Stratton eng., good cond., $75 firm. 286-8952.

STORM DOOR - 36", Emco, white, self-storing, screen & window, right side hinge, steel entracne door, 36", w/locks, $50/both. Bob H., 654-3989.

STORM WINDOWNS - w/screens, top quality, prime seal, brown, all like new, 28"x55" & 28"x51", $35/ea. Alex, Ext. 3680.

STOVE - coal, Surdiac, good cond., asking $175. Bill, Ext. 4446.

WOOD/COAL STOVE - Deville, never used, glass view front, rear vent, 40k Btu, heats 1,500 sq. ft., $300; pool pump, ¾ h.p., 5.5 gal. tank, $40. Bill, 281-6498.

WINDOW - Andersen, casement bow, 84"x46", vinyl, new, $400; 36½, counterop range, converts to grill, $300. Joe, Ext. 4639 or 399-4169.

Audio, Video & Computers

CAMCORDER - VHS, Panasonic, low light, hi-speed, shutter, 6:1 power auto focus lens, self timer, battery charger, hard case, Sheryl. Ext. 7716.

COMPUTER - Apple IIE, mon., keyboard, 2 drives, Panasonic printer, software, paper, $400. 286-0259.

COMPUTER - 286 PC, 20 MHz, 40 MB hard drive, 2 floppy drives, mono display, mouse, $250. Carole, 821-2289.

COMPUTER - 486 DX33, 170 MB hard disk, dual high density floppies, $1,285; 486 Sx33, 40 MB hard disk, dual floppies, $600. Vinny, 582-6241.

COMPUTER - 85 MB hard disk, Seagate ST 4096 w/mfm controller, 16 bit, 1 FD & 2 HD, also copy of Stacker Disk Doubler, $135. 286-7480 eves.

COMPUTER - IBM-XT, color mon., printer. 751-4539.

COPIER - Panasonic FP1670, auto-feed, sorter, $2,900; car phone, portable, $65; Link MC-5 keyboard, new, $50. 369-2889.

GAMES - Nintendo, over 30, most w/booklets, also have power pad and joystick games, $10-$15 ea. Gary, Ext. 5903.

KICKER BOX - 2 Mtx 12", 2 mids, 2 tweeters, $175 neg.; Jenson A-300 W amp., $75 neg. Brett, 929-4753.

TV - 19" Zenith, used 2 mo., $150 or best offer. Bruce, Ext. 4068 or 474-3037.

TV - 19", Samsung color, w/remote $75; Pioneer CT 2121 cassette deck, $25; Pioneer 555 direct-drive turntable, $25. Culwick, Ext. 4930.

Sports, Hobbies & Pets

BANJO - 5-string, brand-new, hardshell case, 3 learning books, 1 album and 2 60-min. video lesson cassettes, $450. Ext. 3084.

BIKE - Schwinn Sprint, 10-spd., 17" frame, 27" wheels, orig. $180, ask. $65, good cond. Ray, Ext. 4561.

DRUM SET - 5-piece beginners, $75; 8-piece silver pro-drum set, $160, great cond. 689-8793.

EXERCISER - Firmflex, Body by Jake, $100. Richard, Ext. 7129.

FISH TANK - 30 gal. w/stand and light, $30. Dave, 924-6235.

FISHING REEL - Penn 4/0, new, in box w/80 lb. test, on reel, $50. 368-6115 after 6 p.m.

GUITAR - Dean, electric, rosewood neck, strat body, fine-tune bridge, locking nut, w/case, good cond., $300. Tim, Ext. 2005 or 331-4683.

GUITAR AMP - GK250RL, $200; wireless system, Nady201, $225. Doug, Ext. 4661 or 434-7812.

GUITAR PARTS - ESP body & neck, mint cond., never used, $350; Commodore 128 computer, 1571 drive, Epson printer, manuals, $300. Howard, 331-5912.

PING-PONG TABLE - good cond., $40. Mary, 924-6235.

SKIS - Rossignol 180s, tuned, w/Tyrolia bindings, excel., $100. 744-2060.

SOLOFLEX - complete, excel. cond., $650 or best offer, all attachments incl. Bernie, Ext. 4842 or 331-2298.

WEIGHTLIFTING BENCH - self-storing, excel. cond., $75. 924-2298 eves.

WET SUIT - full wet suit w/boots and gloves, like new, $350 value, best offer. 289-8105.

Miscellaneous

CAR SEAT - Fisher Price, infant's, $20; Fisher Price oak high chair, $40. Dave, Ext. 7277.

CAR SEAT - Evenflo, One Step, good cond., $35. Roger, Ext. 7518 or 878-8847.

CAR SEAT - Century, $25; child carrier for bike, $7; adult's & children's coats. Mary, 924-6235.

COWBOY BOOTS - all leather, size 8, like new, light brown, pointy toe, $75. John, Ext. 2913.

FUR COAT - Blue fox, full length, size 10, from 5th Ave.'s most elegant store, brand-new, worn only twice. Judy, 928-2984.

GOWN - teal blue, size 10, good, $10. 744-5871.

HUMMEL PLATES - '78-'79, in original boxes, $125 ea., both for $225. Joe, Ext. 2898.

JACK LALANNE MEMBERSHIP - Olympic Gold, use all Bally's clubs, unlimited use, $35/yr. renewal, $500. 582-6241.

LEATHERS - like new, for motorcycle pants, size 32, jacket size 38, best offer. Richard, Ext. 7129.

MOTORCYCLE JACKET - man's black leather, size 44, brand-new, $80. Jeff, 821-6867.

OPERA TICKET - Met, 12/25, 1:30 matinee, *Barber of Seville*, $30 balcony. Jimmy, Ext. 3116.

PLATES - Franklin Mint Limited Edition, sterling silver Mother's Day, artist, Spencer, 72-76, total five. Loretta, 298-4349.

ROCKING HORSE - lg., $50; desk chair, $10; bookcase, $20; tire P17580R13, new, $20; answering machine $25; wicker basket, $45. Kathy, 744-2203.

STROLLER - Graco, $15; baby's bathtub, $5. Ext. 1020.

TYPEWRITER - $10. 341-1055.

Free

KITTENS - adorable tabbies, 4 mos. old, brother & sister, good dispositions, litter trained, great companions. Harvey, 821-1726.

REFRIGERATOR - Hotpoint, bottom freezer, old but good cond. Ext. 3757.

55-GAL. DRUM - clamp top, 4 cu. ft., cardboard barrels, removable tops, wooden French doors, 7'x30" (2). M. Kelley, Ext. 4230.

Yard & Garage Sales

PORT JEFFERSON STATION - 10/30, 9-2 p.m., computer, bikes, collectibles, furn., 35 yrs. goodies. 33 LeBrun, corner Nostrand.

Lost & Found

FOUND - on 10/16, keys on brass key chain w/Firebird insignia, in front of Biology Dept. on Bell Ave. Ext. 3415.

LOST - woman's watch, metal, on 10/19, around the Rec. Bldg. Akiba, Ext. 3891.

Car Pools

BOHEMIA-E. ISLIP-OAKDALE-SAYVILLE - need 1 more driver. Frank, Ext. 2314.

Wanted

AIR TOOLS - touch up spray gun, ½ impact wrench, ⅜ ratchet D.A., any others also. Mike, Ext. 5030 or 821-4083.

AMPLIFIERS - tube type, any cond., guitar, PA, etc., for educational and entertainment purposes, gain valuable storage space. Dave, Ext. 5211 or 821-3009.

APPLE WOOD - for smoking. 689-9234.

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

CHRISTIAN PEOPLE TO FELLOWSHIP - at Recreation Bldg., Thu., 11/4, 5-7:30 p.m., refreshments will be served. Frank, Ext. 7515.

GOLF CLUB - man's, left-hand. John, Ext. 2913.

ROOM MATE - share 2-bdrm. condo, 2 baths, Manorville, nonsmoker pref. Annemarie, 878-4046.

ROOM/STUDIO APT. - for quiet nonsmoking male, working 8-4, Patchogue/E.Patchogue-Bellport, Brookhaven Hamlet. 286-0999.

PRINTER - for Macintosh computer, must be in good cond. Bill, Ext. 3698.

TREADMILL - in good cond. 472-3254.

In Appreciation

My sincere appreciation to all who have expressed their sympathy following the loss of my cousin, Roger.

— Doreen Hallinan

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