BROOKHAVEN BULLETIN
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BROOKHAVEN NATIONAL LABORATORY

Five Laboratory Scientists Tapped for Tenure, Effective April 1

When the Board of Trustees of Associated Universities, Inc. (AUI) met last January 21, the 27-member body voted to award tenure, effective April 1, to five Brookhaven scientists.

They are: Stephen Dewey, Chemistry Department; Gregory Hall, Chemistry Department; Michael Harrison, Relativistic Heavy Ion Collider (RHIC) Project; Steven Hulbert, National Synchrotron Light Source (NSLS) Department; and Douglas Wallace, Department of Applied Science (DAS).

This will bring the Lab's roster of tenured scientists to 161.

"I am extremely pleased to welcome these five worthy individuals to the tenure ranks of BNL," said BNL Director Nicholas Samios. "The vitality of the Lab has been greatly enhanced by their efforts, and we look forward to many more years of outstanding accomplishments."

According to BNL's Scientific Staff Manual, tenure appointments recognize "independent accomplishment of a high order in the performance of original research or of other intellectually creative activity appropriate to the purposes of the Laboratory."

The AUI Board acts in accordance with this policy by granting tenure to researchers who have usually come through a cycle of BNL term appointments. This year, those researchers are the following:

• **Stephen Dewey** is involved with pioneering studies of neurotransmitter interactions in the living human and nonhuman primate brain.

Neurotransmitters are the chemicals through which nerve cells transmit their signals. Dewey is looking at how various drugs commonly prescribed to alleviate symptoms of mental illness alter normal neurotransmitter reactions, resulting in adverse side effects. In this research, he is measuring fluctuations in neurotransmitter concentrations in the central nervous system, using images from BNL's Positron Emission Tomograph (PET) facility and from a complementary technique called *in vivo* microdialysis.

The new insights that Dewey's work yields into mental illness and its therapeutic strategies can also be extended to other neurological diseases and strategies.

Dewey joined BNL in 1986 as Assistant Chemist in Chemistry, becoming Associate Chemist in 1988 and Chemist in 1991. In support of his research, Dewey has received several awards: a $750,000 grant from the National Institute of Mental Health in 1992, a $70,000 Established Investigator Award from the National Alliance for Research on Schizophrenia and Depression in 1993, and a $100,000 Laboratory Directed Research & Development Program grant from BNL in 1992.

Chosen to join BNL's tenured staff are: (clockwise, from top left) Steven Hulbert, National Synchrotron Light Source Department; Douglas Wallace, Department of Applied Science; Stephen Dewey, Chemistry Department; Gregory Hall, Chemistry Department; and Michael Harrison, Relativistic Heavy Ion Collider Project.

Pictures on this page by Roger Stoutenburgh

• **Gregory Hall** has focused his research on studying gas-phase chemical dynamics using an original approach — high-resolution laser spectroscopy.

Hall's goal is to understand molecular photodissociation — what happens to molecules when they are subjected to light and then fragment.

Using laser light to excite molecules and cause them to split, Hall can use spectroscopy to identify the molecular products of dissociation and their internal energies. High-resolution analysis of the Doppler-broadened spectra further reveals the shape of the fragments' velocity distribution and preferred directions for the fragments' rotation axis.

One reaction that Hall has been interested in is $H + O_2 = OH + O$, which is important to the ignition stage of combustion. Hall's unique use of high-resolution lasers to study this process has led to a detailed view of the reaction that could not have been obtained in even the most sophisticated of current-generation crossed molecular beam machines.

Hall joined BNL in 1987, as Assistant Chemist and became Associate Chemist in 1990. He was named Chemist in 1992. With Trevor Sears, also of Chemistry, Hall was awarded a Laboratory Directed Research and Development Program grant in 1994 for "very low temperature infrared laser absorption as a potential analytical tool."

• **Michael Harrison** came to BNL in 1991 as Associate Project Head of RHIC and immediately took charge of transforming the conceptual design of RHIC into an actual detailed design. He is now at the center of the collider construction and will lead the commissioning team when completed.

These tasks are not new for

(continued on page 2)

Brookhaven Town to Honor Prantika Som

Prantika Som, a scientist in the Medical Department, is one of 11 women who will be honored next Tuesday, March 28, for their accomplishments and contributions to Brookhaven Town, at its ninth annual Women's Recognition Night. The ceremony is part of the town's observance of National Women's History Month.

Som will be recognized for her excellence in science. Other awards will be given in the arts, business, community service, education, government, law, medicine, religion, sports and volunteerism.

Since coming to Brookhaven Lab in 1975, Som's research has focused on the diagnostic use of radiopharmaceuticals — drugs bearing a radioactive tracer. Her work has particularly made progress in imaging cardiovascular disease and tumors, with an emphasis in cardiovascular nuclear medicine to study heart blood flow and metabolism in disease conditions, and the effects of cocaine and hypertension.

For example, in 1985, Som developed the technique of using monoclonal antibodies labeled with radiopharmaceuticals to image thrombi, blood clots on the damaged walls of blood vessels that can cause heart attacks. These monoclonal antibodies — highly specific proteins made in the laboratory — bind with blood cells called platelets, which are abundant in thrombi. Once the binding takes place, the tracer emits radiation that can be detected to form an image of the clot.

One advantage of this new technique is that blood clots can be seen in about 1½ hours, rather than the 24-48 hours required by the conventional clot-detecting test that uses platelets labeled with a radioisotope.

Viewing a single photon emission computed tomography image, Prantika Som, Medical Department, analyzes the whole-body distribution of a technetium-99m-tagged peptide to search for blood clots.

Under a Cooperative Research and Development Agreement, Som is currently working with RhoMed, Inc., a pharmaceutical company in Albuquerque, New Mexico. The aim of this cooperative research is to design and evaluate synthetic peptides — compounds that consist of several amino acids — for noninvasive diagnostic imaging of pathological conditions, such as thrombosis, pulmonary disease and inflammation. Success in this project could lead to the development of a new generation of radiopharmaceuticals for use in radiology and nuclear medicine.

A native of Bengal, India, Som earned a doctorate in veterinary medicine with honors from the University of Calcutta in 1965, and a master's degree in pathobiology from The Johns Hopkins University in 1969. She was a postdoctoral research fellow, then a senior research fellow at The Johns Hopkins Medical Institutions, 1970-75.

While pursuing her research, Som has also tutored numerous high school, college and postgraduate students at BNL. In addition, she is a professor of radiology at the State University of New York at Stony Brook. In 1993, Som received Japan's Tohoku Medical Society Award for valuable contributions to medical science.

On the Brookhaven Town honor, Som commented, "I would like to thank my peers and collaborators, and, in particular, Brookhaven Women in Science for nominating me for this award. I am grateful that my parents encouraged me and my siblings — four sisters and three brothers — to pursue our education. Also, I am indebted to my students for sharing their insights with me. Finally, I would like to thank Brookhaven Town for this honor and for encouraging women to fulfill their potential."

Prior to the Brookhaven Town ceremony on Tuesday, March 28, fellow BNLers are invited to meet for dinner at the Sizzler Restaurant, Route 112, Coram. For more information, contact Harriet Martin, Ext. 3484.

— Diane Greenberg

Coming Up

Donald L. D. Caspar, a prominent biophysicist who spent most of his career at Brandeis University and recently joined the faculty at Florida State University, will visit BNL from April 1-11 as a Haworth Distinguished Scientist.

His keynote talk, entitled "Protein Adaptability, Quasi-Equivalence, and Switching in Virus and Crystal Structures," will be held Wednesday, April 5, at 4 p.m. in Berkner Hall.

The Biology Department will host Caspar during his stay at BNL, and he will be using Dieter Schneider's office in Bldg. 421. To reach Caspar while he is here, call him at Ext. 3423 or 3415.

Preparing for Emergencies, BNLers Meet With Local Counterparts

Law Enforcers

On February 1, the Safeguards & Security Division (S&SD) held an Emergency Management Planning Group seminar for members of local law enforcement agencies — the Suffolk County Police Department (SCPD), including department chiefs and representatives from all branches, and the Federal Bureau of Investigation (FBI).

S&SD Manager Russ Reaver explained, "While the Lab is well-prepared to handle potential on-site emergencies, a situation could arise when additional manpower and equipment would be valuable. So, to clarify procedure, the Lab and SCPD initiated a memorandum of understanding. The U.S. Department of Energy's Brookhaven Area Office also has a memorandum of understanding with the FBI concerning the FBI's relationship with the Lab."

The seminar opened with an overview of BNL's mission given by Laboratory Deputy Director Martin Blume. Topics discussed included the interface between BNL and the visiting agencies, the security mission at the Lab, technical aspects of emergency response procedures and the role of the BNL Fire/Rescue Group. The talks concluded with the decisions that SCPD would provide off-site traffic control in the event of a site or site area evacuation, and that the SCPD and FBI would respond to security emergencies in accordance with the current memorandums of understanding.

Said Alfred Berretta, Police Group Manager, "This cooperative effort reaffirms that BNL can rely on SCPD for assistance in various capacities — and that, as in the past, the Lab can continue to assist SCPD, for example, by providing facilities for training maneuvers."

Roger Stoutenburgh

Among the participants at the Emergency Management Planning Group seminar were: (front, from left) Robert Kearon, Deputy Police Commissioner, SCPD; Peter F. Cosgrove, SCPD Police Commissioner; Martin Blume, Deputy Director, BNL; M. Sue Davis, BNL's Associate Director for Reactor, Safety and Security; and (behind Cosgrove) SCPD Chief Joseph Monteith.

Emergency Planners

More than 40 representatives from local, state and federal agencies, and companies and institutions in Suffolk County came to BNL on February 14, to learn about the Lab's emergency planning system.

Hosted by the Emergency Planning Group of BNL's Safety & Environmental Protection (SEP) Division, they also discussed how BNL's emergency planning and response operations impact other emergency planners in the county and vice versa.

The visitors were attending a meeting of the Plan Development Subcommittee of the county's Local Emergency Planning Commission (LEPC), located in Yaphank.

In response to the Superfund Amendment Reauthorization Act (SARA) of 1986, hundreds of local areas around the nation have formed LEPCs composed of industrial and governmental representatives, to facilitate the Community Right to Know aspects of SARA.

Each LEPC coordinates the preparedness for emergency response in the local public and private sectors, and acts as a repository for emergency plans, chemical inventories and other relevant information from institutions in the area.

SEP staff members Sheila Bubka, Doan Hansen, Ken Krasner, Alan Kuehner and Ray Weber, and Steven Centore of the U.S. Department of Energy's Brookhaven Area Office represented BNL at the meeting.

The attendees met in and toured Bldg. 754, soon to become the Lab's Emergency Operations Facility. In the event of a laboratory emergency, officials from local, state and federal agencies will report to that facility to coordinate response activities.

Said Hansen, "For BNL to host one of these meetings on site demonstrates that the Lab is a continuing and active participant in the local LEPC."

Firefighters

Like the local law enforcers, local firefighters also visited the Lab recently.

Said BNL's Fire Group Supervisor Frank Marotta, Safety & Environmental Protection (SEP) Division, "Fire/Rescue Group Chief Jim Roesler has been opening our facility to three neighboring fire departments — Manorville, Ridge and Yaphank — so that if they should have to come here in an emergency, they will know their way around and save what might be essential time."

Thus, on January 29, the Fire/Rescue Group hosted approximately 75 neighboring firefighters.

The agenda — which BNL plans to repeat four times a year — included the visitors' being given a detailed demonstration of BNL fire equipment, a film on the Lab's mission and a tour of the site to orient them in a non-emergency situation.

Brookhaven Council's 33rd Year

Roger Stoutenburgh

For a third of a century, the Brookhaven Council has existed to advise the Laboratory Director on matters pertaining to the scientific staff. Each of the Council's 15 members, selected from the tenured staff, serves a three-year term, during which they may be called upon to help make recommendations on staff appointments, tenure, involuntary terminations and other matters on which the Director may request advice. The council may also bring to the Director's attention any concerns of the scientific staff. Pictured at a March 13 meeting, the first for the year, are the members of the 1995-96 Brookhaven Council: (seated, from left) Council Secretary Erik Johnson, National Synchrotron Light Source Department; John Dunn, Biology Department; Betsy Sutherland, Biology; Bernard Manowitz, Department of Applied Science (DAS); (standing, from left) Thomas Ludlam, Relativistic Heavy Ion Collider Project; James Powell, Department of Advanced Technology (DAT); Trevor Sears, Chemistry Department; Council Chairman Laurence Trueman, Physics Department; Walter Kato, DAT; Y.Y. Lee, Alternating Gradient Synchrotron Department; Daniel Slatkin, Medical Department; and Ignatius Tang, DAS. Missing are: Sam Aronson, Physics; Joanna Fowler, Chemistry; and Peter Johnson, Physics.

Tenure (cont'd)

Harrison. At Fermi National Accelerator Laboratory, he was responsible for developing the program to convert the Tevatron accelerator to the Tevatron collider.

He also made substantial contributions to the design of the Superconducting Super Collider (SSC), as a member of both the Central Design Group and the SSC Machine Advisory Committee.

These experiences, particularly with the world's largest superconducting collider, contributed to Harrison's taking strong scientific leadership in the design and construction of RHIC, refining many details that were not covered in the conceptual design stage, including a major design revision of the insertion regions of the collider to gain a higher level of operational flexibility while reducing the cost of construction.

Harrison's broad scientific background has contributed to enhancing the potential capability of RHIC as a world-class physics research facility.

• **Steven Hulbert** develops instrumentation for the NSLS' vacuum ultraviolet (VUV) ring. He has made significant and important contributions to the design and utilization of synchrotron instrumentation in the VUV spectral region — particularly in the areas of optics design, experiment control and data acquisition, and spectroscopic techniques.

Hulbert has become a crucial partner in state-of-the-art condensed matter research, as demonstrated by his understanding and solution for high heat-load synchrotron radiation optics for the U13 wiggler beam line at the VUV ring, his critical contribution to the development of Auger photoelectron coincidence spectroscopy, and his earlier development of the extended-range grasshopper monochromator, a part of the work for his doctoral thesis.

Hulbert's completeness as an instrument scientist is best demonstrated by the design and development of the wiggler insertion device at NSLS beam line U13, which required several innovations to overcome the formidable problems involved in adapting an earlier design for this use.

Hulbert started his BNL career as Assistant Physicist in the Physics Department in 1983 and became Associate Physicist in 1985. In January 1986, he transferred to the NSLS Department, where he was named Physicist in 1988.

• **Douglas Wallace** has concentrated on understanding the ocean's uptake of fossil-fuel carbon dioxide (CO_2), both through direct measurement and using manmade chlorofluorocarbon compounds as tracers.

This work increases our understanding of the role of the ocean in mitigating global climate change and should permit more accurate projections of future climate for given energy-use scenarios. The chlorofluorocarbon tracers are particularly helpful because they have no natural background in the ocean, in contrast to CO_2, which has a large and variable natural background that has to be subtracted in order to detect the fossil-fuel CO_2.

As a scientist in DAS's Oceanographic & Atmospheric Sciences Division, Wallace has made measurements during numerous research cruises in the Arctic, along the east coast of the U.S. and in the south Atlantic Ocean.

He is currently the technical director for the U.S. Department of Energy's Global Survey of CO_2 in the Oceans, a decade-long, multi-institution program aimed at acquiring a global data set for oceanic CO_2, in conjunction with the international World Ocean Circulation Experiment.

Wallace joined BNL in 1987, as Assistant Scientist. In 1989, he became Associate Scientist, and he was named Scientist in 1992.

Inside Info

Peter Haustein, Associate Chairman of the Chemistry Department, has been elected to a three-year term of office in the 1,000-member Division of Nuclear Chemistry and Technology of the American Chemical Society (ACS). During 1995, he is serving as the division's Vice Chairman-Elect, and he will become Chairman-Elect in 1996, then Chairman in 1997. As Chairman, his responsibilities will include organizing the division's programs at the ACS's two national meetings that year, as well as serving on the Nuclear Science Advisory Committee (NSAC), representing the interests of the U.S. nuclear chemistry community. NSAC advises the U.S. Department of Energy and the National Science Foundation on scientific priorities and resource allocation to their national programs in nuclear science.

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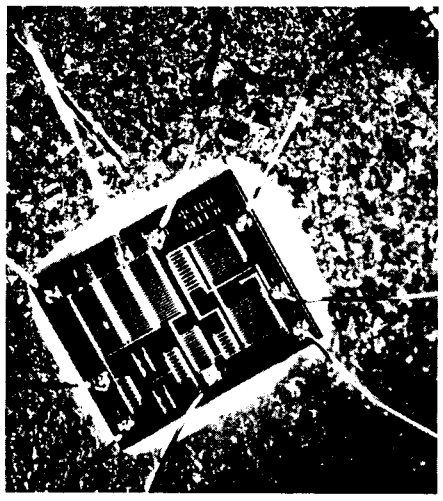

It's a small world after all for **William Marin Jr.,** Information Services Division — a Nikon International Small World Competition, that is. Marin, BNL's photomicrographer, was awarded sixth place in that contest last November for his color photo (shown above in black-and-white) of a charge-sensitive preamplifier with bonding wires magnified 31 times. The photo was taken for Sergio Rescia, Instrumentation Division, who designed the device.

This was Marin's fourth time in the top 10 of the Nikon competition, which he also was asked to help judge in 1986. This year's competition attracted photomicrographers from all over the world to produce 400 entries, all photos taken through microscopes such as the brightfield 'scope Marin used. Besides garnering a prize of a Nikon Sport Touch camera at a ceremony at the United Nations, Marin's winning photo will be displayed alongside the other winning entries all this year in a cross-country tour.

IBEW Meeting

Local 2230, IBEW, will hold its regular monthly meeting on Monday, March 27, at 6 p.m. in the Knights of Columbus Hall, Railroad Avenue, Patchogue. The agenda includes regular business, committee reports and the president's report.

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

Women's History Month: Women Helping Women

Women's History Month concludes at BNL next week with a focus on "Women Helping Women." The following events are open to the entire Lab community:

• **Help Fair** — Visitors to the fair will find information on such subjects as women's health, elder care, child care (both on and off site), hospices, and support services such as for child abuse and spousal abuse, as well as lists of videos and books expanding on these and other subjects, and voter registration cards; Monday, March 27, Berkner Hall lobby, 11:30 a.m. to 1:30 p.m.

• **Outreach Workshop: "Relationships: Keys to the Psychological Development of Women"** — Psychologist Gail Malloy; Tuesday, March 28, noon, Berkner Hall auditorium (see box for more information).

• **Healthline/Outreach Workshop: "Menopause"** — Wednesdays, March 29, April 5 and April 12, limited to 12 participants.

• **Photography Exhibit: "Through Her Eyes"** — BERA Camera Club display, outside the Cafeteria all month.

• **Exhibit: "Women Helping Women"** — Berkner Hall lobby.

Outreach Workshop
Women and Relationships

It has been said that women define themselves and are defined by their relationships with other people. And the most primary relationship all women have is with their mothers. To understand the psychological development of women, therefore, one must understand the dynamics involved in women's key relationships, including the one between mothers and daughters.

These relationships will be explored during the next Outreach workshop, "Relationships: Keys to the Psychological Development of Women." Sponsored by the Employee Assistance Program (EAP) of the Occupational Medicine Clinic, the workshop will be presented by psychotherapist Gail Malloy on Tuesday, March 28, from noon to 1 p.m. in Berkner Hall. All are invited, and the talk will be available afterwards on cassettes in the Research Library.

As Malloy will explain, growing up female begins by being a mother's daughter, and that mother must not only raise a female child, as she would a male child, but she also must be her role model and pass on to her daughter society's expectations — and limitations — for females. That combined with a mother's own identification with the daughter adds special complexity to this relationship, upon which all other relationships are built.

Gail Malloy holds a Ph.D. in nursing and is a professor at Adelphi University School of Nursing, where she is the research advisor for undergraduate through doctoral students. Specializing in the psychology of women, Malloy has a private practice in psychotherapy and psychoanalysis in Floral Park.

To register for this workshop, return the completed bottom portion of the Outreach flyer recently sent to all employees to EAP Staff Psychologist Dianne Polowczyk, Bldg. 490, by Monday, March 27. For more information about EAP and its Outreach workshop series, call Ext. 4567.

Choose Two Candidates and Vote BERA

Four BNLers are running for two spots on the Executive Board of the Brookhaven Employees Recreation Association (BERA); they are: Jay Adams, Department of Advanced Technology; Patti Bender, Plant Engineering Division; Richard Eggert, Division of Contracts & Procurement; and Bob Marascia, Alternating Gradient Synchrotron Department. See last week's Bulletin for each candidate's platform.

During four-year terms, which begin May 1, the two who are elected will help decide recreation policy and opportunities for all BERA members. So, not only must you decide whom to vote for, but you must also vote. Eligible voters include all BNL employees, on-site AUI and DOE employees, and permanent contractors on site.

Election times and polling places are listed below; if you will not be on site March 27-31, you may submit an absentee ballot by today, March 24; contact Recreation Supervisor M. Kay Dellimore, Ext. 2873, to obtain one.

Date	Time	Place
Mon., Mar. 27	11:30 a.m.-1:30 p.m.	Berkner Hall
Tue., Mar. 28	11:30 a.m.-1:30 p.m.	Berkner Hall
Wed., Mar. 29	11:30 a.m.-1:30 p.m.	Berkner Hall
Thu., Mar. 30	10 a.m.-2 p.m.	Credit Union
Fri., Mar. 31	10 a.m.-2 p.m.	Credit Union

Equipment Demo

On Tuesday, March 28, from 10 to 11:30 a.m., in the seminar room of Bldg. 515, IBM representatives will demonstrate the features of IBM's OS/2 Warp and answer questions about this software. The latest models of the Thinkpad notebook series will also be on display. Then, from noon through 2 p.m., IBM representatives will be in Berkner Hall demonstrating OS/2 Warp and the Thinkpads.

Five copies of OS/2 Warp will be raffled off, so bring your business cards to enter. For more information, call Ken Hammer, Ext. 7311.

Arrivals & Departures

Arrivals

Glenn P. Anderson ..... Cent. Shops
Leonid Flaks ..... NSLS
Edward T. Dabrowski ..... AGS
Betsy A. Dowd ..... NSLS
E. James Schermerhorn ..... SEP
Jenellen Skuggevik ..... SEP

Departures

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

Nimnual Somkid ..... Adv. Tech.
John Rodriguez ..... RHIC
Edward J. Whelan ..... Comp. & Comm.

Engineers Course To Be Held On Site

Starting next month, a Professional Engineers Review course will be offered on site by Suffolk Community College. The course is designed to help engineers pass the Professional Engineering Exam.

Topics to be covered include: mathematics, applied mathematics, electrical circuits, fluid mechanics, thermodynamics, chemistry, materials science and structure of matter, statistics, dynamics, mechanics of materials, and engineering economics.

The course will be offered on Tuesdays, 5:15 to 9:15 p.m. Part 1 will be given from April 4 through June 27 and Part II from August 22 through October 24. Five credits will be awarded for Parts I and II, and BNL employees may request tuition reimbursement.

An information and registration meeting will be held in the lobby of Berkner Hall on Tuesday, March 28, at noon. To register for the course, contact Marilyn Pandorf, Ext. 5152, or Bob Lambiase, Ext. 4749.

Amateur Radio

The Amateur Radio Club will next meet at noon on Thursday, March 30, in the lounge of the Recreation Building.

All Lab employees, guests and licensed amateur-radio operators are invited to attend. For more information, contact Chris Neuberger, Ext. 4160, or Nick Franco, Ext. 5467.

Water Aerobics

Water aerobics classes will be held for eight weeks on Mondays, Tuesdays and Thursdays, from 5:15 p.m. to 6 p.m., starting April 3.

To register or for more information, call Health Promotion Specialist Mary Wood, Ext. 5923.

In Memoriam

The following retirees passed away recently:

William F. Gefers, whose 27 years at the Lab were all spent in the Alternating Gradient Synchrotron (AGS) Department, died on December 30, at the age of 72. He came to BNL on February 18, 1957, as an assistant technical specialist and left on April 30, 1984, as a research engineer I.

Helena M. Keeley, who worked at BNL for over 20 years, died on March 1. She was 61 years old. She started as a secretary in the Physics Department on March 5, 1969, transferring to the AGS Department later that year. She joined the Technical Information Division in 1982, remaining there until she retired on August 31, 1989, as a library assistant.

Elton E. Tank, who was an electrician A in the Plant Engineering (PE) Division throughout his years at BNL, died on March 11, at the age of 74. He started in PE on November 26, 1963, and retired on August 12, 1980, a year after going out on long-term disability.

Correction

Last week's story "Dr. Samios Goes to Congress, Testifies on Galvin, DOE Initiative" contained part of BNL Director Nicholas Samios' March 9 Congressional testimony regarding the Galvin Report.

Although his testimony stated, "The Task Force was foresightful, however, in writing Appendix B. Appendix B calls for a fallback position, one that affirms the GOCO concept, which was the original management structure for the labs. . . .", GOCO, an acronym for "government-owned, contractor-operated," was incorrectly defined in the Bulletin as "government-owned, government-operated."

Basketball

Games of March 16

Runaways	47	Air America	44
Pete Ratzke	11	Doug Aichroth	14
Gerry Shepherd	9	Angelo Bosco	10
Jerry Gaeta	7	Jeremy Middleton	10
Chris Ingoglia	6	Louis Lalor	4
Ed Meier	6	Kevin Woodson	4
Neil Donahue	4	Ed Calhoon	2
Jim Desmond	2		
Bob Wells	2		

Three-point shot: Gaeta

Magic	51	Deep Six	43
Terry Buck	17	Charles Bennett	15
Troy Mayo	12	Brian Hobson	11
Ray Jackson	10	Tracey Fountaine	7
Pat Browne	6	Calvin Butts	5
Mitch Williams	5	Jim Garrison	4
Al Langhorn	1	Neil Tyler	1

Three-point shots: Bennett (2), Butts

Mustangs	62	Scram	25
Rich Domenech	14	Tim Powers	7
Wayne Cummings	12	Al Boerner	5
Lars Furenlid	11	Jim Rank	5
Greg Mack	8	Joe Barkwill	3
Charlie Edwards	5	Steve Jao	3
Bill Gunther	5	Victor Cassella	2
Jerry Cook	4		
Steve Springston	3		

Addled Addresses

- Grrokhaven National Laboratory
- Brocklove National Lab

Bowling

Red and Green League

J. Goode 246, R. Raynis 245/613 scratch series, R. Eggert 240/230/663 scratch, R. Wiseman 240/611 scratch, A. Warkentien 238/615 scratch, G. Weresnick 237/226/654 scratch, R. Mulderig Sr. 236/223/656 scratch, J. Cuccia Jr. 236/200, K. Asselta 233/223/201/657 scratch, J. Griffin 225, K. Riker 223/221/638 scratch, E. Larsen 222/201/621 scratch, H. Arnesen 211, A. Pinelli 201, N. Scala 200.

Purple and White

G. Munoz 234/180, B. Belligan 225/187, M. Meier 224/202/605 scratch series, J. Addessi 214, N. Besemer 214, S. DiMaiuta 214, E. Sperry IV 209, J. Sheehan 199, Doug Fisher 195, J. McCarthy 193, M. DiMaiuta 191, D. Klein 182, L. Besemer 178, K. Conkling 178.

Cafeteria Menu

Monday, March 27	
Soup: Autumn harvest	.90/1.20
A la Carte: Grilled flank steak	3.95
Lite: Veg. & Roquefort-stuffed zucchini	3.85
Deli: Pastrami	3.20
Grill: Ratatouille skewers w/rice	3.30
Tuesday, March 28	
Soup: Hot & sour	.90/1.20
A la Carte: Turkey w/cranberry biscuits	3.65
Lite: Haddock w/tomatoes & ginger	3.85
Deli: Top round of beef	3.20
Grill: Turkey BLT in tortilla	3.30
Wednesday, March 29	
Soup: Beef barley	.90/1.20
Display Cooking: Oriental stir-fry	4.75
Deli: Pork loin Dijon w/apple compote	3.20
Grill: Filet of fish	3.30
Thursday, March 30	
Soup: Chicken gumbo	.90/1.20
A la Carte: Beef stew w/veg.	3.85
Lite: Bean burrito w/guacamole	2.95
Deli: Jamaican jerk lamb	3.20
Grill: Turkey chili in a tortilla	3.30
Friday, March 31	
Soup: Tomato & pinto bean	.90/1.20
A la Carte: Seafood & vegetable scampi	3.95
Lite: Chicken w/Chablis & tarragon	3.95
Deli: Corned beef w/caraway cabbage	3.20
Grill: BBQ beef quesadilla	3.30

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 usually required. Candidates may apply directly to the department representative named.

SCIENTIST - to serve as the software project leader for the STAR detector at RHIC. Applicants must have a record of significant contribution to high-energy/nuclear physics, which must include knowledge of the software needs of large physics detectors, including infrastructure, and on-line and off-line detector simulation and data analysis. The successful candidate will lead the software effort and contribute to the physics of the STAR detector in the initial years, and, over the long term, will be expected to make a substantial contribution to the physics interests of BNL/RHIC. Contact: Peter Bond, Physics Department.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

NS 2403. RESIDENCE CUSTODIANS - (temporary, o/a 5/1/95 to 9/30/95) Staff Services Division.

DD 2599. CLERICAL POSITION - Requires previous experience in an office environment and good word processing skills. Will provide clerical support to the BNL Quality Management Office, such as preparing reports, filing and arranging travel. IPAP experience required; familiarity with QA terminology highly desirable. Director's Office.

DD 2997. OFFICE SERVICES POSITION - (term appointment) Requires an AAS or equivalent experience and excellent word processing skills; WordPerfect preferred. Will provide secretarial/clerical support to the Clinical Head, Marshall Islands Medical Program, primarily by collating, preparing, filing and copying medical records for upcoming program review. Ongoing responsibilities will also include general secretarial tasks, including transcription, and manuscript and other document preparation. Medical Department.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

LS 5563. COMPUTING ANALYST POSITION - (term appointment) Requirements include a BSCS or equivalent and several years' experience in Shell, C programming, and designing databases and applications using ORACLE development tools. Experience with UNIX client-server systems in a distributed computing environment is preferred and exposure to Motif and C++ programming is desirable. Responsibilities include the designing of the Laboratory's Occupational Medicine Clinic's database. Computing and Communications Division.

Motor Vehicles & Supplies

92 S10 SPORT BLAZER - red, 2-dr., low mi., excel. cond. Mark, 345-5365.

90 CHEVY CORCIA - 4-dr., 52k mi., all power, 6-cyl., ac, am/fm cass., cruise, like new, asking $4,000. Kathy, Ext. 7105.

89 BMW 325I CONVERT 3 - black, heated leather seats, 5-spd., p/l, p/w, computer dash, BMW serviced, gar., $17,500. Tallon, 821-5801.

89 JEEP CHEROKEE - 4-dr., 4.0L, 4wd, a/t, p/s, ac, roof rack, 84k mi., new tires, batt. & exhaust, excel. cond., $8,400. Chris, Ext. 2022 or 395-6112.

88 FORD TAURUS - s/w, V-6, ac, am/fm stereo cass., p/s, p/b, cruise, v.g. cond., $3,000. Ext. 3963 or 928-0516 eves.

88 OLDS FIRENZA - a/t, full power, cruise, ac, 4-dr., 90k mi., excel. cond. Arnie, Ext. 2606.

87 BMW 325 - 4-dr., 117k hwy. mi., orig. owner, clean in/out, new tires, batt. & exhaust, excel. cond. Ext. 3926.

87 HONDA REBEL MOTORCYCLE - 450cc, candy apple red, low mi., gar., orig. owner, mint cond., many extras, must see. 473-7667.

87 DODGE ARIES - 94k mi., runs well, good station car, $1,200. Mike, Ext. 3558.

87 MAZDA RX7 GXL - a/t, loaded, CD player, leather seats, clean, excel. cond., $4,900. Roy, Ext. 3085.

87 FORD CROWN VICTORIA - a/t, ac, V-8, new exhaust, excel. cond., $2,795 neg. John, Ext. 3302.

85 TOYOTA TERCEL - 4wd, h/b, 85k mi, $1,250. Mike, Ext. 2052.

85 HONDA CIVIC - 5-spd. sedan, 115k mi., good cond., needs head gasket, engine rebuilt in 1994, $1,200 neg. Ext. 3186.

85 LINCOLN TOWN CAR - white, red int., 5.0 liter od., loaded, gar., v.g. cond. Bob, Ext. 2710 or 467-4222.

85 BMW 735i - gray, loaded, 69k mi., used as summer car, gar., mint, $3,500. Mark, 472-2484.

84 CAMARO - a/t, ac, 44k mi., good cond., $3,000. D. Ivero, Ext. 2208.

83 FORD RANGER - Tommy, Ext. 4729.

81 BUICK LE SABRE - runs well, must sell, $800 neg. Ext. 2023.

81 PLYMOUTH RELIANT - s/w, runs, needs work, $500. Ed, Ext. 2007 or 751-1474.

75 F150 PICKUP - 6-cyl., 3-spd., m/t, mech. good, body rust, $500 neg. Herman, Ext. 7333.

67 CHEVY BISCAYNE - 4-dr., rusty, was running, on blocks, make offer. Steve, Ext. 4475.

66 CHEVY NOVA RACE CAR - new motor, $10,000 firm. Steve, Ext. 3849 or 929-0586 or Willie, 874-2013.

TIRES - 2, Goodyear, P225/75R14, brand-new, orig. $175, now $40 ea.; 2, UniRoyal, white lettered, P235/75R15, $30 ea. or 2/$50. 698-9274.

WHEEL COVERS - Spider for 15" wheels, ABS plastic, set of 4, never used, in box, $25. Bob, Ext 2514.

INJECTOR PUMP - for GM diesel motor, $35; motor, 425 cu. in. Oldsmobile rocket engine, complete, make offer. Ext. 5400 or 878-6098.

UTILITY TRAILER - 4'x6', $150 neg. 727-4763 after 5 p.m.

TIRES - 4, 30x9.5R15 LT, Michelin XCH4, good cond., $20 ea.; tires, 2, 195/50ZR15, Dunlop, $10 ea. Chris, Ext. 3355.

Boats & Marine Supplies

23' SAILBOAT - fg, fixed keel, sleeps 4, mooring dinghy, jackstands, 6-h.p. motor, sails, new windows, excel. cond, $1,900. Mike, Ext. 7861 or 698-3967.

23' TEMPEST CONTINENTAL - 1988, center console, walk-around w/stand up cuddy, 200-h.p. Suzuki ob., $15,000. John, 363-2268.

22' SAILBOAT - c/b, fg, 4-h.p. Johnson ob., sleeps 2, good cond., asking $950. 286-1169.

17' O'DAY SAILBOAT - 4-h.p. ob., new trailer, excel. cond., $2,200. Ed, 581-1509.

SAILBOARD - Obrien, beginners to intermediate, complete, ready to sail, asking $225. Al, Ext. 2575.

OUTBOARD - 1979, 40-h.p. Mercury, $350. 727-4763 after 5 p.m.

OUTBOARD - 1992, 3-h.p. Yamaha, approx. 8 hrs. use, excel. cond., $350. 472-1735.

Furnishings & Appliances

BEDS - mechanical, 2, Sears, 2 yrs. old, $1,200. Tallon, 821-5801.

BEDROOM - solid oak, stained walnut, chests, 5 @ $80/ea.; chests, 2 @ $65/ea.; hutches, 4 @ $80/ea.; 2 hutches, 24"x9", $50/ea. Jack, 744-3919.

BEDROOM SET - 2 dressers, nightstand, bed frame w/boxspring, full; corner table, sofa w/futon mattress, reclining chair, cheap. Ext. 5826.

CRIB - Behr's, maple spindle-type, must see, like new, asking $200. Donna, 821-3739.

CROCKPOT - Rival slow cooker, 5-qt., removable stoneware, brand-new, $25. Joe, Ext. 2898.

CUSHION - papasan, dk. blue flowered, $20; bedroom, dk. pine, dbl. dresser, chest, mirror, excel. cond., $300. Sue, Ext. 3492 or 734-2593 eves.

DISHWASHER - Westinghouse, 5 yrs. old, heavy-duty, Potscrubber, deluxe, reversible black panels, excel., $165. Vita, 277-0464 or Frank, Ext. 4220.

MATTRESS - boxspring, frame, queen, $230; 2 sofas, $70 & $90; storm door, $60; all v.g. cond., Ext. 3842 or 929-6925 after 7 p.m.

MATTRESS - queen, 2 pc.-set, 1 yr. old, $100. 821-0459.

SOFA BED - new cond., queen innerspring mattress, tan tweed, Scotchguarded, $250. Kathy, 369-4238.

STOVE - Hotpoint, electric range, 1½ yrs. old, $250; twin bed foundation, $20; fireplace screen, grate, $15. John, Ext. 4482 or 821-4280.

Tools, House & Garden

CHICKEN WIRE - 2 rolls, brand-new, 2" mesh, 20 gauge, 36" wide, 50' long, $15/two. Susan, Ext. 7647.

HEATING UNIT - Miller Gun, good cond., $100 or best offer. O. Booker, Ext. 3082 or 727-5912.

POOL - earth filter, 1-h.p. pump, $100; 4x4 deck w/ladder, $75. John, Ext. 3302 or 924-0651.

SHUTTERS - need paint, six 12"x51", eight 16"x51", $5/ea. Dave, Ext. 5460.

TREES - Douglas fir, b&b, sheared, excel. quality, 5'-6', two for $65/ea. Tom, Ext. 4507 or 878-1060.

TUBS - 3, galvanized steel, round, 48" dia., 24"D, side drain hole, unused, $30/ea. Brian, 234-9487.

Sports, Hobbies & Pets

BICYCLE - Schwinn, 27", 10-spd., men's, $75; skate board, $10. Jack, 744-3919.

EASTER BUNNY - baby dwarfs. Karen, 924-0085.

GOLF BALLS - Javithon, gravity balanced, cut-proof, extra distance, Eagle-100, conforms to USGA rules, box of 12, $15, box of 3, $5. Gisella, Ext. 2541.

PUPS - Labrador retrievers, AKC, OFA, black, field champion blood lines, v.g. temperament, $500. Al, 878-2577.

Audio, Video & Computer

GAMES & SOFTWARE - IBM AT, new CD, multimedia, KQ-VI, Mario, Microsoft Works 3.0, $10/ea.; Nintendo games, Mario, $5/ea. 821-0459.

PRINTER - Toshiba 321SL, 24-pin, line printer, like new, w/cable, sheet feeder, cover, extra ribbons, $150. John, Ext. 3108.

TV - 19", color, Zenith, $55. Jack, 744-3919.

VIDEO - Windows NT tutor, "Getting Started," w/disk, new, $25; volleyball set, new, $10. Susan, Ext. 7647.

Miscellaneous

BABY'S ITEMS - high chair, infant's car seat, infant carrier, all excel. cond., neg. Donna, 821-3739.

COAT - Worthington, winter, short, 80% wool, burgundy, 16W, new, never used, $70. Nancy, Ext. 4177.

EXERCYCLE - 2 wooden trunks; old screen; projector; vacuum; small appliances; Avon collection; sheet sets; linen towels; pictures; plates; more. 286-0376.

HEATER - Coleman, new, $50; rocking horse, $20; Little Tykes table, $10; loveseat, sofa, excel., $125; drafting table, $15. Kathy, 744-2203.

Free

CRIB - mattress, bumpers, sheets, etc., good cond. Ext. 4805 or 924-8113.

FIREWOOD - many hardwood trees, stacked up, some pine, lots of kindling, bring saw, backhoe avail. to help you load. Frank, 234-0538.

RABBIT - gray & white w/cage and accessories. 728-9151.

STORM DOOR - 36" aluminum crossbuck, white, serviceable, w/all hardware, glass & screen. Dick, Ext. 2911.

Car Pools

LIE EXIT 36 - fourth needed. John, Ext. 5181.

Lost & Found

FOUND - money at Upton P.O., you name amount, you've got it. Diane, Ext. 2347.

Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, religion, sex, age, national origin, disability or veteran status of the applicant.

For Rent

BELLPORT VILLAGE - 1-bdrm. apt., full bath, all new, village amenities, $625/mo. incl. util & cable. Jim, 744-2095 after 6 p.m.

BELLPORT VILLAGE - upstairs, 3-rm. apt., gar., priv. ent., nonsmoker, no pets, single, $650/mo. incl. util. + 1 mo. sec. Mary, 286-2632.

CALVERTON - 2-bdrm. condo, 5 appl., ac, patio, upper deck, fp. Ext. 7595.

FARMINGVILLE - 1 bdrm. apt., furn./unfurn., priv. ent., nonsmoker, no pets, use of deck & laundry facilites, single pref., avail. 4/15, $650/mo. incl. utils. & cable. Patricia, Ext. 2907 or 758-3952 eves.

HOLBROOK - mint, 2-bdrm. apt., l/r, eik, full bath, w/w, no smoking or pets, $720/mo. incl. all. Cindi, Ext. 3651.

MEDFORD - room in house, share house privileges, $100/wk. all. John, Ext. 3302 or 654-0889.

MEDFORD - 1-bdrm. Blue Ridge upper condo, l/r, d/r, kit., all appl., cac, full club facilities, $770/mo. + util., 1 mo. sec. Russ, Ext. 3059 or 758-3952 after 6 p.m.

MIDDLE ISLAND - Tudor Oaks 1-bdrm. co-op apt., 5 mi. from Lab, avail. April, $655/mo. 1 yr., or $640/mo. 2 yr. lease + util. Yi-Pin, Ext. 4369 or 345-3410.

MIDDLE ISLAND - Lake Pointe, 2-bdrm. co-op, eik, l/r, cac, utility rm. w/wd, pool, patio, tennis, clubhouse, $775/mo. + util. & 1 mo. sec. Frank, 588-4531.

MT. SINAI - house to share, waterfront Victorian house, prefer single, no couples, nonsmoker, $400/mo. + util., Ext. 2683 or 751-2469 after 7 p.m.

SHIRLEY - new studio, suitable for one, off-street parking, pvt. yard & ent., 7 min. to Lab, $525/mo. incl. all, avail. April 1. Charlie, 395-3914.

STONY BROOK - small, 1-bdrm. cottage, near shops, beach, avail May 1, $600/mo. + util., CATV, ideal for single, 1-yr. lease. 474-8715.

KEY WEST, FL - oceanfront studio timeshare, 5-star Coconut Beach Resort, sleeps 2, refrig., microwave, ac, TV, pool, Jacuzzi, fish, swim, nightlife, week of July 29-August 5. Pat, Ext. 2359 or 929-3586.

HILTON HEAD, SC - 2-bdrm. condo, 2 baths, sleeps 6, fully furn., pool, beach, golf nearby, BNL disc., $475/Apr.-Sept. Guy, Ext. 3147 or 689-5378.

MT. HOLLY, VERMONT - 2-bdrm. A-frame, l/r, kit., 1 bath, 10 min. to Okemo, 25 min. to Killington, avail. through March, incl. holidays. Tom, Ext. 5899.

For Sale

BROOKHAVEN HAMLET - 3 bdrm., l/r, den, eik, 2 full baths, 15 min. to lab, $115,000. Ext. 3849 or 286-8543.

CALVERTON - Marlette 1972 3-bdrm. mobile home, full bath, kit., d/r, l/r, cac, immaculate, $500/mo. covers all, LILCO heat, maint., ask. $14,000, must be 55 yrs. or older. Faye, 588-8113.

CENTER MORICHES - 3-bdrm., lg. fam. rm., l/r, kit., 1 bath, deck, new siding & kit., 40 yrds. from boat ramp, quiet neighborhood, low taxes, ask. $134,000. Bob, 878-3376.

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

EAST PATCHOGUE - 4-bdrm. Cape, new roof, shingles, insulation, cesspools, 1 acre woods, organic gardens, walk to Bellport Village & bay, $159,000. 286-3903.

EAST PATCHOGUE - custom 3-bdrm. brick ranch, 1½ stories, 2,240 sq. ft., .8 acre, 2½ baths, fd/r, l/r, fam. rm., 2 fp, 2-car gar., patio, ugs, $285,000. 475-8658.

HOLTSVILLE - 2-bdrm. ground-floor co-op, eik, ceiling fan, 2 acs, parking, pool, gym, tennis, $67,000 neg. G. Jahnes, Ext. 2550.

MASTIC BEACH - 2-bdrm. ranch, kit., dinette, l/r, laundry rm., 1½- car detached gar., 10'x12' new cedar deck, 80'x100' landscaped lot, new roof, freshly painted, $73,000. Kathy, 395-6520.

MASTIC BEACH - 9-rm. high ranch, 5 up, 4 down, 2 baths, 2 kit., det. 1-car gar., more, $115,000. Ed, Ext. 4667.

REMSENBURG - 3-bdrm. ranch, 1 bath, ½ ac., on dead-end street, renovation 90% completed, $145,000. Harry, Ext. 7984.

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

RIDGE - 4-bdrm. Colonial, l/r, d/r, den, fp, 2-car gar., oak floors, new heating system, $146,000. Mike, 929-5035.

ROCKY POINT - custom 3-bdrm. ranch, corner plot, eik, 4 appl., custom cabinets, w/w, OHWH, city water, landscaped, $85,000. Donald, 473-6570 after 7 p.m.

SHIRLEY - 3-bdrm. ranch, gar., bsmt., d/r, new kit. & appl., close to stores and BNL, walk to Southaven Park, fire/burglar co-alarm, 8% fixed assum. mortg., home warranty, $98,000. Jim, Ext. 4150 or 281-0489.

SHOREHAM - 4-bdrm. contemp., 2 lg. decks, deeded beach rights, SWR schools, ½ acre, $2,400 taxes, $194,900. 744-4738.

SOUTH SAYVILLE - 3 bdrm., ⅓ treed acre, waterview, taxes $4,200. $162,000. 589-5126.

WADING RIVER - 3-bdrm. Colonial, 2½ baths, 2-car gar., custom kit., Jennair, gazebo, shed, igs, igp, deck, steam bath, satellite dish, SWRSD, 1.1 acre, $209,900. 929-8323.

WADING RIVER - 3-bdrm. farmhouse, remodeled, 2 baths, l/r, d/r, OHWH, 0.53 acre, c. 1900, mod. kit., patio, porch, shed, ½ mi. to beach & park, taxes $2,600, $157,000. Bill, Ext. 2906 or 929-6189.

PORT CHARLOTTE, FL - ¼ acre bldg. lot, developed neighborhood, ready to build, $9,000. 929-8323.

SINGER ISLAND, FL - 2-bdrm. condo on ocean, 2 baths, furn. pool, near West Palm Beach airport, $110,000. 289-5770 after 6 p.m.

WASHINGTON, NC - 1.13 wooded acres, waterfront community, pool, clubhouse, marina, 35' boat slip on the Pamlico River off the Intercoastal Waterway, $38,000. Ken, 281-5565.

Wanted

CAREGIVER - need mature, responsible, fun-loving person to care for my 2 children in my Shoreham home, ft/pt. Grace, Ext. 2229 or 821-4743.

DRAWING TABLE - Anco-type, adjustable, 23"x31" all wood. John, Ext. 7671.

HOMES FOR VISITORS - furn. apt., condos, or homes, short-term rentals for visitors/guests of BNL. Marie, Ext. 4489.

HOUSEMATE - share lg. waterfront 5-bdrm. house w/2 others, priv. bath, 2 bdrms., share kit., l/r, d/r. Skip, Ext. 3806 or 878-4130.

JUNK CARS & TRUCKS - free removal, money paid for late model running cars. Steve, 924-8741.

NORDIC TRACK - in good cond., reasonable. 727-4763 after 5 p.m.

UTILITY TRAILER - for lawnmower, tools, etc. Dave, 751-1474.

In Appreciation

Thank you to all our friends at BNL for your sympathy following the loss of our father.

— Joyce Jones & Richard Freudenberg

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