BROOKHAVEN BULLETIN
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BROOKHAVEN NATIONAL LABORATORY

Robert Bari Chairs Advanced Technology

Robert Bari, a theoretical physicist and an expert in assessing the safety and design of nuclear reactors, has been appointed Chairman of BNL's Department of Advanced Technology (DAT) as of June 15. Bari had been DAT's Deputy Chairman since 1988.

Bari replaces Romney Duffey, who will become Senior Advisor in DAT, pursuing personal technical interests.

Upon promoting Bari to Chairman, BNL Director Nicholas Samios commented, "I am delighted that Robert Bari has agreed to undertake this important position. He has long experience with the research and administration of the Department. . . . He will need the strong support of the members of the Department in the changing fiscal climate now evolving in Washington. I look forward to his leadership in continuing the strengthening of the scientific and technical programs of the Department and in integrating them with programs in other areas of the Laboratory."

On Duffey's term as Chairman, Samios added, "I want to thank him for his untiring efforts on behalf of the Department and Brookhaven National Laboratory. He has worked hard to strengthen the Department's programs, which are of central importance to our technology initiatives."

DAT has a staff of 280 employees who address issues regarding nuclear safety and safeguards, including nonproliferation and arms-control technologies; nuclear-waste management; radiation protection; advanced nuclear reactors; and other related technologies. This work is carried out primarily for the U.S. Department of Energy and the Nuclear Regulatory Commission, as well as for other agencies, including the federal Departments of State and Defense, the Environmental Protection Agency and New York State agencies.

DAT recently expanded its scope to include research on several new technologies, including development of systems to predict traffic congestion; remote monitoring of chemical effluents; ultrasensitive detection of radionuclides; devising advanced methods

(continued on page 2)

Roger Stoutenburgh

Robert Bari

Margaret Bogosian Tapped to Manage Technology Transfer

Margaret Bogosian became Manager of the Office of Technology Transfer (OTT) as of June 1. Bogosian, a patent attorney, had been Deputy Manager of OTT since 1990.

As OTT Manager, Bogosian now has even greater responsibility for the office of ten employees, who promote technology and technical capabilities developed at Brookhaven for use by industry, universities, and local and state governments.

Roger Stoutenburgh

Margaret Bogosian

OTT identifies and implements personnel exchanges and collaborative research efforts between the Lab's research staff and industry and negotiates the agreements that permit industry's research teams to conduct work at BNL's user facilities, such as the National Synchrotron Light Source. OTT also handles patent protection and licensing to commercialize useful technologies developed by Laboratory scientists.

Upon promoting Bogosian, Mark Sakitt, Assistant Director for Planning and Policy, commented, "Under her leadership, she has assembled a team that has become rated by the U.S. Department of Energy [DOE] as one of the highest quality. As a result of changes in the Directorate, the increasing importance of the office, and the excellent de facto management of the office by Peg, I asked her to assume full responsibility for management."

Commenting on the responsibilities of her office, Bogosian said, "I think our most important task is communicating to industry and the Laboratory research staff that there is mutual value in research collaborations. The Laboratory can match its expertise in numerous technical fields with industry's R&D needs to foster product commercialization. And the interchange is a two-way street: Our researchers gain valuable insights from working with industry, which help them in pursuing their research."

The Office of Technology Transfer was formed in 1990, with the consolidation of the Patent Office and the Office of Research and Technology Applications. Since then, two new avenues of laboratory and industry partnerships have come to the forefront.

In 1991, Cooperative Research and Development Agreements, known as CRADAs, were instituted by DOE to promote the transfer of scientific expertise and technology from federal laboratories to industry. Since that time, OTT has signed 63 CRADAs and currently has 10 more under negotiation. These collaborative research projects range from environmental remediation technologies to evaluating new radiopharmaceuticals.

Another new DOE initiative is fostering large collaborative partnerships with federal laboratories, universities and large sectors of industry. One example is the American Textile Partnership, or AMTEX, a partnership among DOE's national laboratories and the entire American textile complex that seeks to increase the competitiveness of the nation's textile industry. Researchers from several

(continued on page 2)

Coming Up

Frank Wilczek, a renowned particle physics theorist from the School of Natural Sciences at the Institute for Advanced Study in Princeton, New Jersey, will visit BNL from June 19 to July 1, as a Haworth Distinguished Scientist hosted by the Physics Department.

On Tuesday, June 27, at 4 p.m. in Berkner Hall, Wilczek will deliver a keynote talk on "Black Holes and Quantum Mechanics: Trouble on the Horizon?" During his stay at BNL, Wilczek will use Room 2-32 in Physics, Bldg. 510, as his office. Those interested in reaching him may call Ext. 3748, or Isabell Harrity, Ext. 2524.

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Anne Hudson, Professor of Mathematics at Armstrong State College in Savannah, Georgia, will speak about "The International Mathematical Olympiad — Hong Kong 1994," at a seminar sponsored jointly by Brookhaven Women in Science and the Office of Educational Programs. Her talk will begin at 2 p.m. on Wednesday, June 28, in the Hamilton Seminar Room, Chemistry, Bldg. 555, and be followed by coffee and tea. To join Hudson for a luncheon in the Brookhaven Center before her talk, call Lenore Dudzick, Ext. 2954, or Joyce Tichler, Ext. 3801.

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Senior Scientist Charles Meinhold, Deputy Head of the Radiological Sciences Division in the Department of Advanced Technology, will deliver the next Brookhaven Lecture on Wednesday, June 28, at 4 p.m., in Berkner Hall. His talk about "Radiation Protection — Then and Now" will begin at 4 p.m. in Berkner Hall.

Second Round of Patent Royalties Distributed

Four BNL departments and divisions are set to expand their scientific research programs and lecture series, help students or invite distinguished visitors — all with their shares of $200,000 in BNL patent royalties reinvested in the Lab by Associated Universities, Inc. (AUI).

The Biology and Medical Departments, Department of Applied Science (DAS) and Instrumentation Division recently received approval for these projects from Laboratory Director Nicholas Samios under the Laboratory Royalty Use Program.

This is the second year for the program, which is part of the patent licensing initiative of AUI's 1988 contract with the U.S. Department of Energy. In 1994, $250,000 in accumulated patent royalties went to Biology, Medical and DAS.

Now, once again, the departments and divisions that fostered patented research are sharing in the profits generated because those patents have been licensed.

Each of these departments or divisions receives a share of AUI's distribution of patent royalties according to a formula taking into account the proportion of all BNL patent royalties that were produced by patents that came out of each department or division. Then, they propose projects to use those funds in any of five areas.

AUI, which can take title to any invention made by BNL employees under a federally funded research program, takes its share only after distributing royalties to the individual inventors.

A Range of Programs

The Biology Department plans to spend its $134,700 to support graduate, postdoctoral and undergraduate students; to recruit graduate students who will study at the State University of New York at Stony Brook and receive their research training in Biology; and to increase the flow of outside speakers and scientific journals into the department.

The Medical Department, meanwhile, has received permission to use $50,000 of its $61,000 1995 share to continue a research program begun with the patent royalties it received from AUI last year.

The project aims to develop and test new radiopharmaceuticals for tumor imaging and cancer therapy, by finding ways to combine BNL-developed radioisotopes with existing, commercially produced somatostatin analogs.

The other $11,000 will go to support undergraduate and graduate students, and postdoctoral research associates, and will provide travel costs and honoraria to invited speakers.

DAS and the Instrumentation Division also received patent royalty distributions, of $3,400 and $900, respectively. DAS will further expand the DAS Seminar Series that was made possible by the department's 1994 share of patent royalties. The workshops and seminars are dedicated to generating new ideas and concepts, and patent royalty funds help cover travel expenses and honoraria.

Instrumentation plans to use its share to invite a world expert on noble-gas purification to BNL for a seminar and discussion; such purification is crucial in radiation detectors that use gas or cryogenic liquids.

— Kara Villamil

Warning: Summertime Is Lyme Disease Time

Students and visitors who are new to BNL this summer may also be unfamiliar with Lyme disease, a parasitic infection first recognized in 1975 in Lyme, Connecticut, and now epidemic in Suffolk County, which has the highest incident rate of Lyme disease in the country.

Lyme disease is caused by the spiral-shaped bacteria *Borrelia burgdorferi*, which is acquired during a blood meal of *Ixodes scapularis* — more commonly known as the deer tick. Once in the human blood stream, *B. burgdorferi* works its evil throughout the body, but particularly on the skin, heart, joints and nervous system.

The deer tick acquired this name because it is commonly found on white-tailed deer, which roam the Lab site, including the scrub woods where deer ticks live. But *I. scapularis* can also be found on such beings as the white-footed wood mouse, dogs, horses and humans. Most infected people first become symptomatic of Lyme disease in spring, summer or early fall, which coincides with the tick's life-cycle need to take a blood meal.

Deer ticks feed on blood three times during their life cycle: in summer, during their larval stage; the following mid-May through July, when the ticks are nymphs; and the following spring when, as adults, they require a blood meal in order to mate.

While not all deer ticks carry *B. burgdorferi*, it is usually during the first blood meal from an infected mouse that *I. scapularis* acquires the Lyme disease bacteria.

The tick nymph — which is the size of a pinhead and therefore hard to detect — is responsible for 90 percent of human cases of Lyme. As a result, fewer than half of all Lyme victims remember being bitten. So, if you manifest any or all of the following symptoms, seek treatment immediately.

Initially, those with the disease may suffer with flu-like symptoms, such as chills, fever, fatigue, joint and muscle pains, and loss of appetite. Approximately half of those who are infected will display a red, round, bull's-eye target-shaped rash around or near the site of the tick bite, which neither itches nor hurts.

Early neurological problems may appear as well, including Bell's palsy, a usually temporary facial paralysis; meningitis, which is heralded by headache, stiff neck and light sensitivity; and encephalitis, which may cause sleepiness, memory loss and mood changes.

Nymph and adult deer ticks, actual size.

In the first few weeks, the heart can also be affected, with some patients displaying reduced heart rates or disrupted heart rhythms.

If Lyme disease is diagnosed by symptoms and/or the positive results of one or more blood tests, early treatment usually involves a complete course of certain oral antibiotics. If symptoms progress despite oral therapy, intravenous antibiotics are then necessary.

If untreated, the disease does not disappear, but may reappear years later as chronic Lyme arthritis, which causes one or more joints to swell and ache for months or years at a time, but which typically does not affect the body symmetrically. Unfortunately, if Lyme disease is diagnosed this late in its course, it often is resistant to antibiotic therapy.

Since vaccines are only now being tested, the key to Lyme disease at this point is prevention: Avoid tick-infested areas such as the woods and fields where deer roam; when going into such areas is unavoidable, don long, light-colored pants and pull your socks over your pants; use a tick repellent; and check yourself, your family and pets for ticks. — Marsha Belford

Update on Lyme

An "Update on Lyme Disease" will be presented by Doreen Eadie, a public health educator with Suffolk County Department of Health Services, on Thursday, June 22, from noon to 1 p.m. in Berkner Hall. All are invited.The program is sponsored by the Safety & Environmental Protection (SEP) Division and the Health Promotion Program (HPP) of the Occupational Medicine Clinic. For more information, call Frank Biele, SEP, Ext. 7717; or Mary Wood, HPP, Ext. 5923.

Robert Bari (cont'd.)

for repairing deterioration of the nation's infrastructure, such as roads, bridges and tunnels; accelerator-based production of tritium; encapsulation of wastes; and designing new planar optical displays, flat screens with commercial and military applications.

On accepting the Chairmanship, Bari said, "I am very excited to take on this important mission in this challenging time. The DAT staff's scientific and technical expertise is of the highest caliber. We will strive to perform high-quality research and build on the programs that meet national needs and fulfill DOE's mission."

Bari said his background in probabilistic risk assessment prepares him for a new emphasis in DAT on risk-based evaluation of many technologies. "As the cost of running nuclear power plants goes up, the focus is on how to create the safest technologies at affordable prices," he said. "Risk assessment is also being extended to the environmental management area for both nuclear and chemical wastes and to preventing oil spills."

Bari said another current area of emphasis in DAT is on enhancing the safety and safeguards of nuclear reactors and related facilities in Russia and its former satellite countries, as well as participating in cooperative programs with other countries, such as Japan and South Korea.

DAT is also working on new technologies to ensure the longevity of the 107 operating nuclear power plants in the U.S., which supply more than 20 percent of the nation's electricity. The licensed life of these plants — almost half of which are more than 20 years old — is currently 40 years. With proper attention to the effects of aging on the plants, their licenses may be renewed.

Additionally, DAT is evaluating new designs for the next generation of nuclear power plants. Bari said, "In the new century, I think we will see new demand for nuclear power plants. The need for electricity will increase worldwide, and nuclear power is a clean form of energy. It creates no greenhouse gases."

Looking toward the future, Bari said he is confident that the DAT staff is flexible and able to change with the times, broadening their programs to meet new national priorities.

Robert Bari received his A.B. in physics from Rutgers University in 1965, and he earned his Ph.D. in physics from Brandeis University in 1970.

Bari held a postdoctoral position at the Massachusetts Institute of Technology for two years before he joined Brookhaven in 1971 as an Assistant Physicist, performing theoretical studies in condensed matter physics.

In 1973, he left the Lab for a year to become a visiting Assistant Professor of Physics at the State University of New York at Stony Brook. When he returned to BNL, he began working in the field of probabilistic risk assessment. In 1982, Bari was promoted to Associate Chairman of DAT, and, in 1988, Deputy Chairman.

A fellow of the American Nuclear Society (ANS) and a member of its Board of Directors, Bari was the former Chairman of the ANS Planning Committee and its Nuclear Reactor Safety Division. He is on the Board of Directors of the International Association for Probabilistic Safety Assessment and Management. —Diane Greenberg

Margaret Bogosian (cont'd.)

BNL groups have performed research projects under AMTEX.

OTT also establishes and implements procedures for industry to perform proprietary work at the Lab's user facilities, and, currently, 32 companies are doing so — 29 of them at the National Synchrotron Light Source.

The Lab's licensing program is another of Bogosian's priorities, and about 70 new BNL-developed technologies owned by Associated Universities, Inc., are in OTT's licensing portfolio. Of these, 29 are licensed to industry, and five have been commercialized. These include an instrument for evaluating optical components, a nuclear medicine diagnostic kit and several molecular biology technologies.

With the outlook for future federal funding of scientific research uncertain, Bogosian said OTT will continue to "provide information to the BNL research community about alternative sources of funding for research."

Her future goals include initiating greater and more targeted outreach to industry to match BNL's research capabilities with industry's needs, in hope of fostering increased industry-sponsored research at the Laboratory, and becoming even more active in licensing commercial technologies developed at the Lab. The profits from licensing are plowed back into research and development.

Bogosian attended Columbia University College of Pharmacy, 1960-62 and the Newton College of the Sacred Heart in Massachusetts, 1962-64, earning a B.A. in premedical studies. In 1967, she earned a J.D. from Fordham University School of Law.

From 1967-69, Bogosian worked as assistant to the Patent Counsel at the National Institutes of Health. She then joined Hoffmann-LaRoche Inc. in 1969, first working for the pharmaceutical company as a patent attorney and later as a general attorney in the corporate-law department.

In 1978, Bogosian became Legal Counsel for the Research Foundation of the City University of New York, and, in 1981, she joined BNL as Patent Counsel, a position she held until she was promoted to Deputy Manager of OTT.

Bogosian is a member of the Association of University Technology Managers and the New York State Bar Association. — Diane Greenberg

Note to Employees:

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

More Blood Needed

BNL's 1995 Summer Blood Drive is less than a week away: It's scheduled to take place at the Brookhaven Center next Wednesday through Friday, June 21-23, from 10 a.m. to 3 p.m.

Remember — your blood is needed to ensure that an adequate blood supply is available to Long Island hospitals during the summer. So don't miss out on such a tremendous opportunity to support your community — bring your friends and relatives, too! If you haven't already sent in your pledge card, please do so now. Walk-ins are also welcome, but scheduled donations are preferred because they can be handled more expeditiously.

If you need a pledge card, contact your Blood Captain (see June 2 Brookhaven Bulletin), or call Blood Drive Chair Susan Foster, Ext. 2888.

Daughters Evaluate Their Day at Work

Almost one-sixth of the 200 girls who participated in BNL's first Take Our Daughters to Work Day, on April 27, responded to the survey distributed at the end of the day. And their response to the question, "Did you enjoy your day at Brookhaven?" was an overwhelming yes.

But,while most of the girls enjoyed the morning talks by BNL women in various jobs and the afternoon tours of seven Lab areas, the majority also wished they had been given more time in their parent's workplace. "I enjoyed going to my dad's workplace the most because I was able to see what he has accomplished and what I could accomplish one day," wrote one girl.

And another young woman summed up many of the girls' feelings by writing, "I think this a great place to work. I would like to work here."

Volunteer for Boys' Day

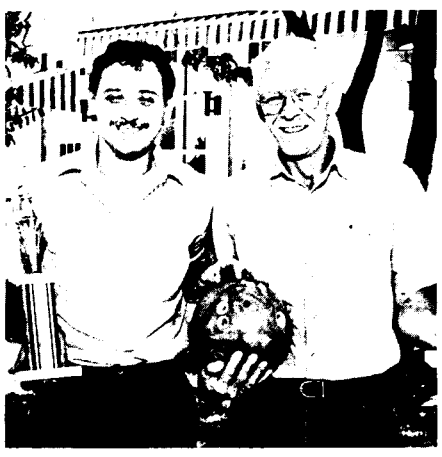
Susan Foster, Personnel Division, who chaired BNL's Take Our Daughters to Work Day committee, is looking for volunteers to help organize a similar day for boys. Anyone interested in serving on this committee may call Foster at Ext. 2888.

NWS Open House

The on-site Upton Weather Forecast Office of the National Weather Service (NWS) will hold an open house on the first day of summer: Wednesday, June 21. From 11 a.m. until 3 p.m., all are invited to tour the office in Bldg. NWS-1 at 175 Brookhaven Avenue.

There, forecasters and other NWS staff will be on hand to explain how the office provides forecasts for Long Island, New York City and northern New Jersey, and severe-storm warning service for over 20 counties. The weather instruments to be displayed include the recently commissioned WSR-88D Doppler radar, which can be seen on the Lab's eastern horizon and provides information about reflectivity, air velocity, rainfall accumulation, etc., with more accuracy, precision and speed than previous radar.

Visitors may see weather videos, and pick up material relating to the NWS's nationwide modernization and restructuring, which resulted in the establishment of the Upton Weather Forecast Office on site in October 1993. In addition, those interested may sign up to become SKYWARN weather spotters for the NWS.



Bowling Champs

Congratulations to the teams pictured here, which were recognized at last week's Bowling League's awards party.

The Portsiders were left on top in the Red & Green League. They include: (left) Joe Cuccia Jr., (right) Hank Arnesen, and (not shown) Jim Griffin, Rich Larsen and Greg Weresnick.

— Photos by Roger Stoutenburgh

The Terminators eliminated all opposition, ultimately emerging as champs of the Purple & White League: (from left) Kay Conklin, Maureen and Sonny DiMauita, and Ed Sperry IV.

Swim Lessons for Kids

Attention employees, guests and other BERA members: Today is the last day to register your children for summer swim lessons, which will begin on Wednesday, July 5, and end Tuesday, August 29, as follows:

- **Lessons**: Each child will be scheduled for one lesson each week for a total of eight lessons. American Red Cross certificates will be awarded to children who qualify.
- **Time**: Monday through Friday, 2:15 to 3:15 p.m., but children must arrive by 2 p.m. so they have time to prepare for class.
- **Fee**: $45 per child upon registration; in addition, each child must pay the $2 daily admission fee or present a season ticket for each lesson.
- **Safety requirement**: Each child must be a minimum of 42 inches tall.
- **Registration**: Pick up applications at the Personnel Office. Bldg. 185, 8:30 a.m.- 5 p.m.; the BERA Sales Office, Berkner Hall, 9 a.m.- 1:30 p.m.; or the swimming pool, Bldg. 478, during open hours. Deliver applications with checks payable to BERA to the Recreation Office. Bldg. 185.

Arrivals & Departures

Arrivals

Janine S. Graves.....Biology
Hyun-Sook Kim.....App. Science
Michael C. Martin.....Physics

Departures

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

Charles T. Bellizzi.....NSLS
Inn S. Kim.....Adv. Tech.

In Memoriam

The following retirees passed away recently:

William A. Patton, who had retired from the Alternating Gradient Synchrotron (AGS) Department on July 31, 1989, died on April 17. He was 63 years old. He joined the Lab's Nuclear Engineering Department on November 3, 1958, as a technician, then transferred to the AGS in March 1965, as a senior technician. At his retirement, he was a technical associate I.

John G. Zahra, who was one of the first employees at the new Laboratory when he joined BNL on March 24, 1947, died on May 6, at the age of 72. He started in the then Architectural Planning & Plant Maintenance Department as a clerk B. In January 1960, he transferred to the Supply & Material Division (SMD) as a stores clerk. A storeskeeper in SMD when he left the Lab on long-term disability on December 18, 1983, he retired one year later. His son Paul Zahra works in the Safety & Environmental Protection Division.

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Money Talks

Step-by-Step Financial Strategies

On Wednesday, June 28, the next Money Talks lecture, entitled "Financial Strategies: Steps You Can Take Today," will be presented at noon, for one hour, in Berkner Hall, where a representative from American Express Financial Advisors Inc. will discuss personal financial planning.

As the speaker will explain, managing one's finances is really managing one's life, making choices, making the most of one's money and making one's financial life a success. Elements of successful financial planning that will be discussed include: concepts to increase one's net worth, evaluate investments, minimize taxes, manage risk and much more. In addition, strategies one can use right now to help manage finances more effectively will be explained.

For more information about this lecture or the Money Talks series, contact Denise DiMeglio, Ext. 2881.

LIANS Meeting

Leonard Mausner, the principal designer of the upgraded Brookhaven Linac Isotope Producer (BLIP II) who is now responsible for its operation, will be the next guest speaker at the Long Island Section of the American Nuclear Society (LIANS) meeting, to be held on Wednesday, June 21, at the Radisson Hotel, Islandia.

Following cocktails at 6 p.m. and dinner at 7 p.m., the speaker will be introduced by LIANS president John Lehner of BNL's Department of Advanced Technology. Mausner's talk is entitled "Medical Radionuclide Production at BNL."

All are welcome. To make reservations, call Jeanne D'Ascoli, Ext. 2277, by Monday, June 19.

Cafeteria Menu

Monday, June 19	
Soup: Black bean & cilantro	.90/1.20
A la Carte: Turkey a la king	3.85
Lite: Baked flounder julienne	3.95
Deli: Turkey w/stuffing	3.20
Grill: Spicy wings w/bleu cheese	3.30
Tuesday, June 20	
Soup: Cream of broccoli	.90/1.20
A la Carte: Meatloaf w/mushroom sauce	3.85
Lite: Chicken w/cranberry glaze	3.95
Deli: Pork loin	3.20
Grill: Western omelet	3.30
Wednesday, June 21	
Soup: Chicken gumbo	.90/1.20
Display Cooking: Cajun foods	4.75
Deli: Roast beef w/mashed potatoes	3.20
Grill: Swordfish teriyaki	3.30
Thursday, June 22	
Soup: Country vegetable	.90/1.20
A la Carte: Ham w/red-eye gravy	3.95
Lite: Baked cod w/peach-pepper sauce	3.95
Deli: Corned beef w/boiled potatoes	3.20
Grill: Tex Mex taco bar	3.30
Friday, June 23	
Soup: Manhattan clam chowder	.90/1.20
A la Carte: Stir-fry beef	3.95
Deli: Baked ham & beans	3.20
Grill: Tuna melt	3.30

Mountain & Canoe Club

Hike Harriman

The Mountain & Canoe Club will camp overnight at Harriman State Park on Saturday and Sunday, June 24 & 25. That day, participants will meet at the Lab at noon and caravan for the two-hour drive to the park. Once there, participants will hike one hour up to the campsite. For the overnight, the club recommends bringing a tent and sleeping bag. For more information, contact Sheryl Carey, Ext. 7716, or Al Kuehner, Ext. 4226.

Return Equipment

The club has acquired a trailer on site to store its canoes and equipment, so all unused equipment on loan is now being collected. To turn in club equipment, contact Rich Casella, Ext. 7975, or Kuehner, Ext. 4226.

Tennis Tournament

Employees, guests, summer visitors and their spouses are invited to sign up now for the 1995 Tennis Tournament. To run from July 15 through August 11, the tournament may include men's singles and doubles, women's singles and doubles, and mixed doubles, depending upon the signup.

Signup is taking place weekdays, 9 a.m. to 1:30 p.m., through noon on Tuesday, July 11, at the BERA Sales Office, Berkner Hall, where the tournament's rules are also available. The draw will be posted by Wednesday, July 12, at the BERA Sales Office and courtside. Matches may be played any time afterwards, but play must be completed by the scheduled dates.

For more information, call Rudy Alforque, Ext. 4733; Joe Carbonaro, Ext. 5139; Steve Shapiro, Ext. 3822; or Om Singh, Ext. 5332.

Leisure Travel Expands Hours

The Leisure Travel Office of Omega World Travel, which has been located in Berkner Hall for the past two years, is expanding its hours: The office now opens at 9 a.m., instead of 10 a.m. So the new hours are 9 a.m. to 3 p.m., Monday through Friday.

In addition, Carol Zaza is now the leisure-travel representative in that office, and she invites leisure travelers to stop by or call her at Ext. 5918 or 5958 for help with their personal travel needs or information on packages and specials.

Book Fair Next Week

BERA will once again hold a book fair at Berkner Hall on Thursday and Friday, June 29 & June 30, between 10 a.m. and 3 p.m.

The new, hardcover books for sale at 50-75 percent off cover price will include children's stories, cookbooks, New York Times bestsellers, etc., and will be in stock for immediate purchase during the fair.

On Tuesday, June 20, a list of books to be sold at the fair will be available so you can plan your purchases, and some of the books will also be on display at the BERA Sales Office, Monday through Friday, 9 a.m. to 1:30 p.m., until the day of the book fair.

For more information about the book fair, call Andrea Dehler, Ext. 3347, or M. Kay Dellimore, Ext. 2873.

Microsoft Training

The Computing & Communications Divison is scheduling computer training classes in Microsoft Projects and Microscoft ACCESS. For registration information, call Pam Mansfield, Ext. 7286.

Outreach Workshop

Retirement Blues or Bliss?

Everyone who works must ultimately face the prospect of retirement. But, because society gives an ambiguous role to retirees, it is up to them to define the "job" of being retired. Attitude can play a larger part than money in whether a retired worker has the retirement blues or bliss.

"Turning Retirement Blues into Retirement Bliss" will be the subject of the next Outreach workshop sponsored by the Employee Assistance Program (EAP) of the Occupational Medicine Program. It will be presented by clinical psychologist Ann Kurz on Tuesday, June 20, from noon to 1 p.m. in Berkner Hall. All are invited.

As Kurz will explain, retirement can be the time of the greatest personal fulfillment or despair, as retirees either expand their involvement in people and things they didn't have enough time for and find new avenues of enjoyment or sit back to watch life go by. Kurz will review the factors affecting one's view of retirement, which include how retirees respond to the loss of their role as workers, meet the challenge of coming to terms with their life before retirement, and use their maturity to structure their retirement as they please for their own emotional benefit.

In addition to her private practice in Mineola, Ann Kurz, Ph.D., is Assistant Director of Psychological Services and Director of the Internship Training Program at South Oaks Hospital.

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, June 19. For more information about EAP and its Outreach workshop series, call Ext. 4567.

Equipment Demo

On Wednesday, June 21, from 10:30 a.m. to 3 p.m. in Berkner Hall, Advanced Technical Marketing, Inc., will hold a product exposition featuring the latest in testing technology from Keithley. Electrometers, digital multimeters and low-level measurement and switching equipment are among the products to be exhibited.

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.

Current job openings can also be accessed via the BNL Home Page on the World Wide Web. Outside users should open "http://www.bnl.gov/bnl.html", then select "Scientific Personnel Office" for scientific staff openings or "Employment Opportunities" or "BNL Personnel Office" for all other vacancies.

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

PHYSICIST - With postdoctoral experience in relativistic heavy-ion physics, to join the Nuclear Theory Group. Contact: Carl Dover, Physics Department.

POSTDOCTORAL RESEARCH ASSOCIATE - Trained in accelerator physics, with experience in the field of polarized-proton beam acceleration, to participate in the development of the polarized-beam capabilities of the AGS complex, and in the general effort to meet the beam requirements for the AGS as a heavy-ion and polarized-beam injector for RHIC. Contact: Thomas Roser, Alternating Gradient Synchrotron Department.

POSTDOCTORAL RESEARCH ASSOCIATE - With experience in single-particle levitation and aerosol particles, and familiarity with spectroscopy techniques, to conduct research in the mechanistic and kinetic processes undergoing between gases and particles of atmospheric importance. Contact: Ignatius Tang, Department of Applied Science.

POSTDOCTORAL RESEARCH ASSOCIATE - With training in biophysics, including practical experience with standard biochemical techniques, to conduct research at the HFBR using theoretical, biochemical and neutron-scattering techniques. The research project involves investigating the role and mode of interaction of the two heads of myosin in its promotion of muscle contraction. Contact: Dieter Schneider, Biology Department.

POSTDOCTORAL RESEARCH ASSOCIATE - Trained in accelerator or high-energy physics and experienced with accelerator operations, to address accelerator-physics design issues, develop high-level controls software and participate in accelerator commissioning. A strong proficiency in accelerator hardware and/or software is required. Contact: Stephen Peggs, RHIC Project.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

DD 3819. SECRETARIAL POSITION - (part-time, term appointment) Requires an AAS in secretarial science or equivalent, knowledge of WordPerfect 6.0 and IPAP travel system. Experience with spreadsheets, graphics and communications highly desirable. Will provide secretarial support to NN-60, specifically, Consequence Assessment and Protection Actions Group. Additional duties will include e-mail, calendar programs and filing. Safety & Environmental Protection Division.

DD 3615. SECRETARIAL POSITION - Requires an AAS in secretarial science or equivalent experience, a working knowledge of Laboratory policies and procedures, IPAP travel experience and familiarity with IBM PC; WordPerfect for Windows experience strongly preferred. Will act as lead secretary in Safety and Risk Evaluation Division. Responsibilities include handling confidential correspondence; preparing technical and administrative reports, proposals and correspondence, domestic and foreign travel; coordinating meetings; and preparing presentations. Additional duties include the supervision of group secretaries. Department of Advanced Technology.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

DD 0567. TECHNICAL POSITION - (term appointment) Requires an AAS in a technical field or equivalent experience. Responsibilities will include assisting in the installation of the ring magnets and the interconnects between magnets. Knowledge of interconnects is essential. Demonstrated mechanical skills, as well as demonstrated proficiency in the use of both electric and hand shop tools required. RHIC Project.

NS 3616. TECHNICAL POSITION - Requires a minimum of five years' hands-on experience working with lasers and optics. Background in laser maintenance; expertise in aligning laser optics; knowledge of lenses, mirrors, filters and beam splitters; experience constructing optical breadboards; and the ability to perform intricate machine-shop work are necessary. Department of Advanced Technology.

Motor Vehicles & Supplies

93 TOYOTA PREVIA LE - a/t, ac, ABS, cass., power c/c, privacy glass, alarm, ext. warr., 45k mi. Ext. 3169.

93 SUNBIRD - passive alarm, ABS, p/l, am/fm w/tape deck, ac, a/t, tilt wheel, $6,800 neg. Harris, 758-7911.

92 GEO METRO - 17k mi., 45 mpg, 5-spd., am/fm, 3-yr. warr. until 3/98, blue. Joe, Ext. 4496.

91 BUICK LE SABRE - orig. owner, custom roof & trim, 40k mi., full power, excel. cond., $10,500 or best offer. Pete, Ext. 4235 or 462-9839.

91 CHEVY LUMINA - fully loaded, maroon, 65k mi., all papers, excel. cond., $6,400. Ed Harmer, Ext. 3353.

91 MERCURY CAPRI XR2 - conv., red, turbo, loaded, 53k mi., 5 yr./60k warr., excel., $7,800. Ext. 5360 or 477-8117.

90 TOYOTA COROLLA - white, 4-dr., 5-spd., ac, p/s, p/b, excel. in/out, $5,500 neg. Ext. 3376 or 821-1215.

89 NISSAN SENTRA - a/t, 76k mi., ac, radio, new tires, white, $4,200. Robert, Ext. 3736 or 341-1032.

89 FORD TAURUS WAGON - 3.9L, V-6, fully loaded, black, 64k mi., clean, ext. warr. 2 yrs. left, $7,500. Jim, Ext. 3082 or 727-3469.

87 OLDS DELTA 88 ROYALE - V-6, fuel inj., 57k mi., all power, stereo, clean in/out, well maint., $4,000 neg. Jen, 361-8119.

87 CUTLASS CIERA - 4-dr., ac, am/fm tape, p/s, p/b, 91k mi., excel. cond., $2,000. 585-6466.

87 CHRYSLER LE BARON GTS - 4-dr. h/b, p/w, p/d, a/t, ac, cruise, tilt, high mi., $2,600. Ken, Ext. 7311.

86 HONDA CIVIC - h/b, red, 5-spd., red, sunroof, am/fm cass., extras, 113k mi., $2,100 neg. Kevin, Ext. 2963 or 744-0871.

86 PONTIAC GRAND AM - 6-cyl., all opt., p/seat, orig. owner, gar., 90k mi., v.g. cond., $3,200. Eva, Ext. 3701.

86 OLDS CUTLASS SUPREME - less than 5k mi. on rebuilt eng., trans., etc., new tires, shocks, make offer. Andy, 447-5965.

86 PLYMOUTH VOYAGER - 2.6 Mitsubishi eng., ac, p/s, p/b, good treads, needs work, $950. 924-8558 after 5 p.m.

86 HYUNDAI EXCEL - h/b, 4-dr., am/fm radio/cassette, 5-spd. m/t, must sell. Dirkl, Ext. 2868.

86 SUBARU - s/w, 134k mi., runs, needs work, asking $500. Olaf, Ext. 2211.

85 COUGAR LS - V-6, full power, good cond., $1,500. Frank, Ext. 4220 or Vita, 277-0464.

85 TOYOTA CAMRY - 4-dr., 5-spd., ac, orig. owner, 130k mi., good cond., ask. $1,900. Ext. 4342 or 924-3066.

84 PONTIAC FIREBIRD TRANS AM - black w/gray int., gold ext. trim, 8-cyl., 5-spd., 5.0 liter eng., $2,400. Rich, 744-4816.

84 CADILLAC ELDORADO - clean, runs well, $1,900 neg. Ext. 2534.

84 MUSTANG - conv., 95% perfect, V-6, a/t, am/fm cass., light beige w/tan top, 84k mi., 286-3231.

84 CADILLAC ELDORADO - clean, runs well, low mi., reasonable, 585-8590.

82 CHEROKEE JEEP - 4wd, a/t, ac, 60k mi. on engine, $2,700. Joe, 878-9331.

79 OLDS DELTA 88 - runs well, needs work. Mauro, Ext. 4234.

74 FORD ECONOLINE 300 - V-8, rebuilt a/t, locking rear compartment, fully insulated & heated, overhead roll-up tailgate. Pete, Ext. 5105.

69 BUICK SKYLARK - 4-dr., hardtop, 350 V-8, a/t, p/s, p/b, runs well, needs nothing, ask. $750. Joe, Ext. 3893.

67 CADILLAC ELDORADO - immac. in/out, cruise, tilt, ac, etc., $5,400 neg. 666-5593.

REAR WINDOW - for 1982 GMC or Chevrolet pickup, excel. cond., $25. Pat, Ext. 2452.

HONDA ACCORD - 4-dr., hit in rear, serviced clutch, new brakes, runs well, $335. Chris, 399-7493.

CASSETTE DECK - Pioneer, auto-reverse, loudness button, no am/fm, like new, $50. Sue, Ext. 4931.

CAMPER - sleeps 6, all equipment in excel. cond., all new tires, canvas in beautiful cond., $500. 744-3569.

TOW BAR - Valley #7452, 43", new, $50; carpet, full floor, Chevy pickup, new, $50; tire, 10-15 Tracker, Goodyear MS, new, $25. 329-1277 after 6 p.m.

Boats & Marine Supplies

33' NAUTALINE HOUSEBOAT - 1969, rebuilt 318 Chrysler engine, Dana o.d., fg, v.g. cond., $9,500 Tirre, Ext. 3288 or 281-0360.

26' CHRIS CRAFT CLASSIC - sleeps 4, dinette, galley, head, in water, ready to go. 475-3553.

23' PEARSON - 1979 cruiser/racer, very well built, excel., $5,200. John, Ext. 2788.

23' CHAPPARAL - 1984, UHF, radar, o/riggers, DF, L/well, f/canvas, d/btrys, bunks, extras, mint, reduced to $9,500. Marilyn, Ext. 2259 or 878-0939.

19' CITATION - cuddy cabin, Shorland'r trailer w/ brakes, very low mi., 165-h.p. i/o Mercruiser, best offer. Pete, Ext. 4235 or 462-9839.

19' CRUISERS - 115-h.p., galv. trailer, p/winch, $2,200. Jim, Ext. 3372 or 821-0250.

17' O'DAY DAY SAILER II - 5-h.p. o/b, galv. trailer, excel. cond., $2,300. Ed, 581-1509.

17' FOLBOT KAYAK - seats 2, lots of straps, great family boat, $400; paddles, float bags, wheels. Nick, Ext. 2490.

16' GLASTRON - 1968, on 1979, 2k lb. capacity Shoreline trailer, both in good cond., $500 firm. John, Ext. 3422 or 929-4101.

16' BOAT - 75-h.p. motor, on trailer, $1,500. Mike, 878-0031.

14½' SAILBOAT - fg, mahogany rudder & oars, brand-new rainbow sail, w/trailer, $400 firm. Vinny, 395-6520.

12' CATAMARAN AQUACAT - w/trailer, good sail, new tramp., $600 neg. Ron, Ext. 4553.

COCKPIT CUSHIONS - custom, for Catalina 27, new, cost over $400, sell $300. Brian, Ext. 2799.

OB MOTOR OIL - Blue Bay pt. cans, $1/ea.; trailer dolly h.d., $50; trailer wheel w/tire, 13", $25; hydraulic steering cable & wheel, $85; $175; $90. 329-1277 after 6 p.m.

Furnishings & Appliances

AIR CONDITIONER - 31k Btu, Friedrick, ext. warranty, wall-mount, used 3 mos., $750 neg. 447-6517.

AIR CONDITIONER UNITS - GE, Panasonic, Carrier, etc., window & through-wall, 8 total, all 120V, excel. cond. Ron, Ext. 2214.

AIR CONDITIONER - 5,000 Btu, window mount, good cond., $75; bar stools, 4, brown fabric, bucket seat, good cond., $100/all. 261-7698.

BED - brass, full size, w/frame, 5' high, good cond., $100. Kathy, Ext. 2267 or 395-6520 after 6 p.m.

BEDROOM - This End Up, bunk beds w/dresser & shelf, no mattresses, $550 neg. 924-2298 eves.

BEDROOM - early Amer., cannonball bed frame w/ matching nightstands, v.g. cond., $75. Mike, Ext. 2558.

CRIB - Childcraft, solid oak, w/mattress, excel. cond., $100. Debbie, 821-1915.

CROCKPOT - Rival, 5-quart, removable stoneware, brand-new, $25. Joe, Ext. 2898.

COUCH - 7', floral tan fabric, $80 neg. Tom, Ext. 5899.

FIREPLACE INSERT - realistic looking, elec. crackling log, lighted, like new, $35. Kathy, Ext. 2267 or 395-6520.

LOVE SEAT - & chair, floral design, $75/both. Ext. 7329 or 474-0056.

LOVE SEAT - & chair, antique, Empire; opals; typewriter. 363-7032.

SOFA BED - rust, 3-cushion, queen, $175; tables, glass top, beveled edge, round brass base, 1 cocktail, 1 end, $300/both. Lois, Ext. 3315 or 929-4753.

WATER CONDITIONER - Culligan, 2-tank, model MK-59, asking $400. Ed, 727-4385.

ANTIQUES - chest of drawers, cherry finish; desk, walnut cherry; desk & chair, cherry; sewing machine, trendle, all attach., works, manual. 689-7725.

CRIB - Simmons, oak, w/mattress, excel. cond., $100. John, Ext. 3422 or 929-4101.

DESKS - metal, locking, 4-drawer, 54"x28", $50; metal, 4-drawer, 20"x54", $35, you pick up. Bill, 878-4356.

DINING ROOM - Queen Anne, oval table, 4 chairs, glass hutch, good cond., cherry finish, $500 neg. Jean, Ext. 4938.

DINING ROOM - wood, trestle table, 2 leaves, light breakfront, rolling serving bar, 6 chairs, $500. Fran, Ext. 3309.

DINING ROOM - w/hutch; crib & mattress, $125; toddler bed w/mattress & sheets, $30. 737-1450.

DINING ROOM - hutch w/server, table, 2 leaves, 6 chairs, $400; 5-shelf glass & chrome etagere, $25; water bed, super single deluxe, $90 neg. 399-7997.

DISHWASHER - Westinghouse, Potscrubber, black reversible panels, good cond., $150. Frank, Ext. 4220 or Vita, 277-0464.

DRYER - elec., 7 mo. old, like new, must sell, $200; bassinet, $15. Sonja, 929-0906.

FREEZER - small, chest-type, 450. 924-4927.

REFRIGERATOR - 12 cu. ft., used 4 mos., 4 yr. warranty on compressor. 698-5248.

SOFA - sectional, 3-pc., dk. brn. velvet, $800; Heathstone II wood stove,, new, $600; more. 929-5880 after 6 p.m.

SOFA BED - w/slipcover, v.g. cond., $50 neg. Bob, 737-1786.

TABLES - coffee & 2 end, Col., pine. John, Ext. 2788.

Tools, House & Garden

BUG ZAPPER - Sears, 50 watts, almost new, $30; pool vacuum robot, Star Vac, for above ground pools up to 24' round, $75. 261-7698.

DOOR - solid-core, 80"x30"x1¾", $25. Ben, 929-6984.

LAWN MOWER - push, barely used, best offer. 286-3742 eves/wknds.

LAWN SPRINKLER PARTS - timers, relays, etc., new, reasonable. Bob, 289-2986.

MACHINIST TOOLS - D'Andrie mod. TA 120, Boring & Facing HD, Dumore tool post grinder, 3"-7", many more items. 298-3855.

SCALE - Counselor, balance, $20. Ted, Ext. 2101.

STORM DOOR - white, 31½"x80½", 2 full glass w/ screens, excel. cond., $10. Herb, Ext. 4247.

STORM DOOR - 36", white alum., cross buck, w/ screen, $25. Sue, Ext. 7235 or 399-7997.

TRACTOR - also gravel; mower; snow blower; 5-h.p. chipper/shredder. 363-7032.

TREES - Japanese maples, $10-$45+. 265-6542.

WINDOW - steel casement, 37"x50", heavy gauge, industrial type, $25. Connie, 727-1483.

AWNING - Grover, alum., 10'x10', white, replacing w/ larger one, $200. Margaret, Ext. 2529 or 588-7989.

BARBEQUE - Sunbeam, elec., porcelain, vinyl cover, used once, like new, $65. 757-5338.

COUNTERTOP - 75", butcher block Formica, 21", stainless sink, Delta faucet, w/sprayer, 30" beige range hood w/fan, excel., $90/all. Hans, Ext. 4584.

GENERATOR - 4,000 W, Generac, 120/240V, extension cord w/locking 240V connection. Henry, Ext. 7597.

LAWN MOWER - Craftsman, 20" cut, 3½-h.p., rear bag, $75. Dan, 698-7322.

LAWN MOWER - 21", Toro, bag, $25; lawn sweeper, 30", good cond., $25. Walter, Ext. 4972 or 567-9025.

LAWN MOWER - push-type, sharpened, made in England, neg.; louver bi-fold doors, 35½"x78½", $10/ea. or $15/both. Linda, Ext, 2733 or 395-6784.

LAWN TRACTOR - Honda Ht3813, twin, water-cooled, 5-spd., grass catcher, great cond., $1,200. Rob, 727-7404 eves.

PATIO SET - large table, umbrella, 6 chairs, $150. Pat, Ext. 2452.

PATIO SET - California redwood, round table, 4 benches, cloth, 4 cushions, umbrella, $50; screen door, glass louvers, 36", $50. Gerhard, Ext. 3499.

POOL VACUUM - Star Vac, auto., above ground pool up to 24' round, $75. 261-7698.

STORM/SCREEN DOOR - white, good cond.; front door w/3 small glass panes, needs paint, 36"Wx80"H, $20. Mickey, Ext. 7908.

STORM DOOR -36", white alum., cross buck, w/ screen, $25. Sue, Ext. 7235 or 399-7997.

Sports, Hobbies & Pets

BIKE HELMETS - 1 boy's, 1 girl's, excel. cond., $10/ea. Steve, Ext. 2897.

BUNNIES - 7 wks. & 4 wks. old, 5 of ea., black & gray, $10/ea. Ext. 7471 or 444-2336.

CAMPING EQUIPMENT - Coleman lantern, stove, screened dining canopy, make offer. Brian, Ext. 2799.

DALMATION PUPPIES - cute, cuddly, 6 wks. old, papers, champ lines, shots. 924-8558.

EXERCISE MACHINE - Nordic Track, $200 neg. Fran, Ext. 3309.

MODEL VEHICLES - Hess trucks, Matchbox Hot Wheels, Franklin Mint, Danbury Mint, die-cast toys. Steve, Ext. 3849 or 929-0586.

PUNCHING BAG - Everlast, 70 lbs., good cond., $50; Soloflex, $500; 2 tires, 185/70R13, $50. Tom, 345-3843.

PIANO - Winter, spinet, w/bench, walnut, excel. cond., $850 neg. Patti, 929-8277.

PING-PONG TABLE - regulation, $65; lacrosse stick, $10; helmet, $5; ski machine, $75. 329-1277 after 6.

PUMP - & filter for above-ground pool, $150. Luis, Ext 2529.

PUPPY - yellow Labrador Retriever, male, champion lines. 924-5505.

SADDLE - English, all-purpose, suede leg rolls, made in Germany, great cond., cover & stirrups leathers incl., asking $250. Sue, Ext. 3305 eves.

SEWING MACHINE - commercial, $50; Nashbar bike, $100; metal lathe, $450. 331-2298.

SPORTS CARDS - baseball, all sports, starting lineup figures, Jordan, Shaq, Thomas, Ken G. Jr., some older cards, 60's. Ext. 7471 or 289-4241 wknds.

TREADMILL - Weslo, less than 100 miles, speed up to 6 mph, electronic monitor, adjustable incline, $300 neg. Jean, Ext. 4938.

Audio, Video & Computer

CALLER ID - Cidco, displays 30 previous numbers, $20; car phone, Clarion, plugs into lighter, portable antenna w/window attachment, $50. 369-2889.

COMPUTER - Macintosh 512k w/MacWrite & MacPaint, $200 or best offer. Don, Ext. 2253.

COMPUTER PARTS - used, SB Pro 16-bit sound card, $75; Hayes Optima 9600 ext. modem. $50; 14" VGA color mon., $125. 878-2023.

COPIER - Xerox, #5046, office-size, good cond., make offer. Bob, 289-2986.

KEYBOARD - Link for MC-5 for Unix terminal, never used, orig. $110, now $40 neg. 369-2889.

PRINTER - Epson LQ-1500, new ribbon, $60. Tom, Ext. 5899.

SOFTWARE - Turbo Pascal, $45; Word for Windows 2.0, $35; Quattro Pro, $35; all unopened, IBM compatible. Loretta, 744-5553.

STEREO - Pioneer receiver, Sansui cassette player Dolby BSR w/McDonald turntable, w/2 speakers, $60. Herb, Ext. 4247.

SYNTHESIZER - Yamaha DX-21, $200; Yamaha SK-10 string $75; bass guitar, $100; Roland S-10 sampler, $250; Casio-CZ101 synth., $250. Tom, 281-6498.

TV - Emerson, 19", color, w/remote, $50. Ted, Ext. 2101.

VIDEO GAMES - Sega Genesis, 12 games, NHL 95, Mario Liemiux, 3 sonic cartridges, more, 2 super joysticks, $310 neg. Chris, 399-7493.

CAMERA - Nikon Photomic F2, excel., overhauled, w/ 135 telephoto lens, $325; Nikon F3, 50mm lense, Tokina 35-200 zoom lens & bag, $375. Joe, Ext. 2384.

COMPUTER - IBM comp., 286, ext. CD ROM, 2 floppy drives, VGA mon., Windows, $850 firm. Ken, Ext. 5110.

COMPUTER - Compaq 386/20 laptop, 2MB memory, 20MB HD, case, charger, internal modem, approx. 7 lbs., $275. 261-7698.

PHONE ANSWERING MACHINE - elec. typewriter, used, good cond., best offer. 286-3792 eves. & wknds.

PRINTER - Panasonic KXPP1592, Okidata Microline 391, TI Omni 800, model 855., $50/ea. Bill, 878-4356.

STEREO RECEIVER - Lafayetee LR-200A, 35 watts, w/cabinet, Criterion 333 speakers, w/stands; Pioneer cassette deck, no radio, $50. Sue, Ext. 4931.

TV - b&w, Magnavox, 12" screen, $25. Pete, 399-2813 after 5 p.m.

Miscellaneous

ARCHITECT'S STRAIGHT EDGE - Mayline, 48", Ancobilt 42", $20/ea. Ben, 929-6984.

DRAFTING EQUIPMENT - 54"x38" board, w/desk, adjustable, Mutoh machine; 5 drawer; E size flat dwg. file cabinet, print machine, exec. desks. 298-3855.

GOWNS - spring/summer, for proms, weddings, parties; coat, beige. Ext. 5938.

LUGGAGE - 4-piece set, 30", 26", 24" & carry-on, heavy-duty, non-rip material, 15 yr. warranty, perfect cond., $95/all. Lisa, 467-8185.

TRUNK - w/drawer, 17"x31"x15"; twin, x-long sheets, good cond., reasonable. S. Spark, Ext. 4111.

TICKETS - 2, Kirov ballet, *Swan Lake*, Metropolitan Opera, 7/1, 2 p.m., orchestra, $80/ea. Mike, Ext. 4061.

Free

FINCH - female Zebra w/cage. John, Ext. 4203.

KITTENS - black & white male, white calico female, well-behaved, 7-8 weeks old. Lorraine, 981-9386.

Yard & Garage Sales

ROCKY POINT - Sat., 6/17, furn., wicker, books, games, etc., 59 Noah's Path off Rocky Pt. Landing Rd.

Car Pools

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

Wanted

APARTMENT OR HOUSE - 2-3 bdrm., SWRSD, by Aug 1. Don, Ext. 7237, 744-2921.

HOMES FOR BNL VISITORS/GUESTS - furn. apt., condos, houses, short-term rentals. Marie, Ext. 4489.

HOUSE TO SIT - free, any period after 6/23, experienced, reliable. Jack, Ext. 2412.

HOUSE OR APARTMENT - to rent/house sit, for month of July in Miller Place/Rocky Point area for responsible, retired couple. Mickey, 473-7460.

MONOPOLY PIECE - McDonald's game piece, Pennsylvania Ave., will share prize. Bill, 929-4663.

MONOPOLY PIECES - from McDonalds promotion, will trade pieces/share prize. Steve, Ext. 4475.

MOTORCYCLES - bent or broken, any age or cond. Kevin, 281-8031.

PEOPLE TO JOIN - nondenominational Christian fellowship group, every Thurs. at noon outside of the Rec. Bldg. Pete, Ext. 3297.

SPEEDBOAT - 14' or 15', no motor. 363-3138.

WHEELCHAIR CARRIER RACK - for rear bumper of car. Joe, Ext. 2898.

In Appreciation

We thank all whose kind acts aided in our transition to parenthood with the early arrival of baby Grantham.

— R. & R. Moore