BROOKHAVEN BULLETIN
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BROOKHAVEN NATIONAL LABORATORY

# Lab Budget for Fiscal Year 1993 Still Taking Shape

With just over six months to go before the start of fiscal year 1993 (FY93), BNL's FY93 budget has not yet reached its final shape. One thing is clear, however: Next year's budget will be lean. Lean can be mean or lean can be healthy; so, right now, BNL administrators are working hard to have more meat put back into the budget and thus ensure that the Lab maintains its fiscal health.

In the FY93 budget that President George Bush submitted to Congress at the end of January, BNL was allocated $215 million in new budget authority from the U.S. Department of Energy (DOE) — a decrease of $12 million from the FY92 budget under which the Laboratory is currently operating. However, BNL's revised budget request, submitted this month, anticipates that at least $227 million will be provided from the $271 million requested for FY93.

"Historically," said BNL Director Nicholas Samios, "for every year since 1977, the number that we started with was not the figure we ended up with. BNL has always ended up with more operating funds in total than what was originally earmarked for us under the Presidential budget. It is never clear, however, to what extent the President's budget estimates will be modified by Congress and what the impact of such modifications will be for BNL."

The budget's final shape will be decided over the next few months, as Samios and other Lab officials meet with DOE staff to argue the case for the programs in which funding has been cut.

Because BNL's FY93 budget is still in such flux and because there is such a difference between the President's budget and the Lab's revised request, it is impossible to say today what effect this will have on the Laboratory's current staff of 3,400.

"Our assessment of the President's budget indicates that we would lose 50 to 60 people under these funding levels," said Samios, "but we are working hard to reduce that number and the budget gap."

In the interim, to conserve money, the Laboratory is reviewing critically any requests for new hires. In addition, the lottery for summer jobs has

Nicholas Samios

been suspended for this year.

Programs most affected in the Presidential budget include the High Energy and Nuclear Physics programs. Compounding the problems in these areas is the fact that the magnet work that the Lab been doing in support of the national Superconducting Super Collider is scheduled to be phased out next year.

Under the President's budget, the Alternating Gradient Synchrotron (AGS) would also be hard hit. With insufficient equipment funds to support experimental users, several approved experiments would have to be delayed or canceled, and the high energy physics program would run for only 12 weeks.

BNL is requesting additional funding to allow the AGS to operate for 25 weeks, but funding in the nuclear physics area may still be insufficient to allow the AGS to run heavy ion experiments in FY93. Said Samios, "This is especially discouraging since the AGS Booster has been completed, and we will be unable to run experiments with the gold beam in the first year that this beam has become available."

One bright spot in the President's budget is that the Relativistic Heavy Ion Collider construction project will receive $71.4 million in FY93 for its third year of funding — up $22 million over FY92. "We are pleased by the decision of the President and the Department of Energy to attempt to keep this project on target in light of the constrained budget targets," Samios said.

Other high points of the construction budget are $9.8 million allocated for five new projects focusing on the Lab's infrastructure and $2.8 million to complete the first phase of a site sanitary-system upgrade.

A major disappointment, however, is that funding is not included in the President's budget for the Neutron Beam Lines and Facilities Upgrade project at the High Flux Beam Reactor (HFBR), though some capital equipment funds were provided for upgrades of HFBR experimental instrumentation. The $22.7 million project has been resubmitted for consideration in the FY94 budget.

The President's budget would affect other programs as follows:

- Basic Energy Sciences would only be about 2 percent more than the current budget.
- Chemical Sciences would have an increase for the operation of the National Synchrotron Light Source, but a reduction in core research areas.
- Material Sciences would receive new funding for a Synthesis and Processing Initiative, but remain largely flat in other areas.
- Biological and Environmental Research would see an increase in the

(continued on page 2)

## *21st Pegram Lecture Series*

# Accompany Maurice Goldhaber On a Physicist's Journey

For the first time in the 33-year history of the Laboratory's Pegram Lecture Series, these prestigious talks will be given by one of BNL's own — Maurice Goldhaber, former Laboratory Director and now AUI Distinguished Scientist emeritus.

The BNL community and the public are invited to join Goldhaber as he draws on his exceptional career to recount "A Physicist's Journey."

Goldhaber's remarkable journey as a physicist began about 60 years ago. From Berlin to Cambridge to Illinois to Brookhaven, his path has been marked by many physics milestones, making him a witness to and participant in some of the twentieth century's most important scientific discoveries.

Some of these milestones will be described in Goldhaber's three lectures, all of which will begin at 8 p.m. in Berkner Hall, as follows:

- **Monday, April 27, "Reminiscences From the Cavendish Laboratory: Nuclear Photo-Effect and Slow Neutrons"** — Coming to the Cavendish in 1933, one year after James Chadwick discovered the neutron, Goldhaber teamed with Chadwick to observe the nuclear photo-effect and show that the neutron was definitely heavier than a hydrogen atom. In a later work, they showed that the newly discovered slow neutrons could disintegrate the light nuclei lithium-6, boron-10 and nitrogen-14, important reactions still much in use today to produce hydrogen-3, helium-3 and carbon-14, and to detect slow neutrons.
- **Thursday, April 30, "Nuclear Isomers and Neutrino Helicity"** — Besides systematic work on nuclear isomers, Goldhaber and his colleagues Lee Grodzins and the late Andrew Sunyar also showed, at Brookhaven in 1957, that the neutrino is "left-handed," i.e., moving forward like a left-handed screw. This settled the question of the correct beta interaction.
- **Thursday, May 7, "Tests of Conservation Laws and the Search for Proton Decay"** — The most important investigation to grow out of Goldhaber's long interest in conservation laws and their limita-

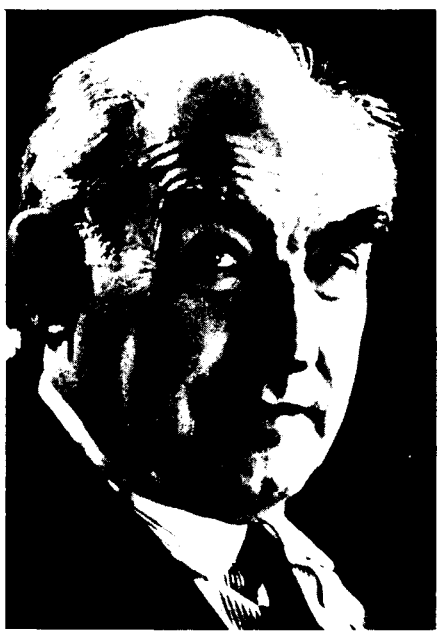
(continued on page 3)

Maurice Goldhaber

## AUI Distinguished Lecture

# *Russian Physicist Offers Insights on Lev Landau*

Culminating a distinguished and versatile career, Soviet scientist Lev Davidovich Landau (1908-1968) won the 1962 Nobel Prize in physics for explaining the behavior of superfluid helium at low temperatures. A brilliant theorist, Landau significantly affected the course of modern physics.


Vitaly Ginzburg

In an AUI Distinguished Lecture on Thursday, April 23, at 11 a.m., in Berkner Hall, Russian physicist Vitaly Lazarevich Ginzburg will offer insights into "Lev Landau: Physicist and Man." Ginzburg, like his mentor Landau, is a theoretical physicist with wide research interests.

A researcher at the Lebedev Physics Institute in Russia, Ginzburg has made pioneering contributions in the areas of the quantum theory of Cerenkov radiation, transition radiation, superconductivity, electromagnetic waves in plasmas and the origin of cosmic rays and astrophysics. Ginzburg is a member of the Russian Academy of Sciences and has won numerous honors and awards, including the U.S.S.R. State Prize and the Lenin Prize.

Landau was the author of over 100 scientific publications and ten books. With Yevgency Lifshitz, he coauthored a series of monographs on modern theoretical physics that is now considered classic. His wide-ranging interests included monomolecular reactions, theory of superfluids, Fermi liquid theory, properties of metals at very low temperatures, phase transitions, superconductivity and the kinetic theory of gases, to name just a few.

A gifted teacher, Landau taught physics at Kharkov University and later, at the Institute of Physical Problems in Moscow, and many of his students went on to become distinguished scientists. In 1962, however, Landau's career was cut short when he was involved in an auto accident that left him impaired until his death six years later.

The AUI Distinguished Lecture program was initiated by Associated Universities, Inc. in 1965 and offers talks by experts on topics of general interest. Before Ginzburg's talk, refreshments will be served at 10:30 a.m. in the lobby at Berkner Hall.

# FTS Changes to 10-Digit Dialing

Better known as FTS 2000, the Federal Telecommunications System is the government-contracted telephone service that allows federal agencies to communicate among themselves over two networks, one serviced by AT&T and the other by Sprint. At BNL, callers may access FTS 2000 by first dialing 8.

Beginning Monday, April 20, FTS users will no longer have to remember the three-digit exchanges unique to FTS phones. Instead, FTS calls can be made using the same exchange numbers assigned by the local telephone companies.

As a result, however, FTS users will be required to dial the common three-digit area codes before the exchange and extension numbers. Though they will be the same as commercial numbers and easier to remember, FTS phone numbers will grow from seven to ten digits in length.

In other words, those calling BNL over FTS 2000 will no longer have to recall that the FTS exchange for the Lab is 666. Instead, once they have accessed the FTS system by dialing 8, all they will have to remember is the regular area code (516), the 282 exchange, and the specific extension of the desired person, computer or fax.

To give users time to get used to the revised dialing scheme, from April 20 to May 20, callers will be allowed to use either the soon-to-be-outdated FTS seven-digit numbers or the common ten-digit numbers when dialing phones on the FTS network.

But, is it cheaper to dial 8 and use FTS or to use the commercial dial-9 service?

"Since FTS reduced its prices last October, FTS 2000 has become cost effective for what are called on-network calls," explains Ralph Trondle, Head of the Engineering & Telecommunications Section of BNL's Computing & Communications Division.

BNL is on FTS's network A, which is the one maintained by AT&T. Therefore, BNL calls to other federal agencies also on network A — which includes the U.S. Department of Energy (DOE) — are less expensive if placed over FTS 2000 than the commercial carrier.

The complete list of government offices on network A is available via INFORM, the Research Library's computerized card catalog. Paper copies of the FTS network A list can be obtained from the telephone office, Ext. 2000.

At present, FTS on-network calls cost approximately 18¢ per minute, compared to 44¢ before October 1991.

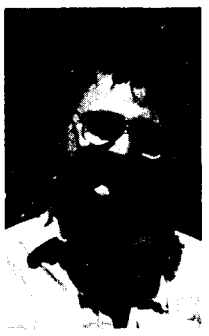
According to Trondle, the price per minute of FTS service is supposed to drop further. "Due to the way FTS bills its clients, we will not be sure if FTS is cost effective for off-network phone calls until we receive our last bill at the end of the fiscal year," he reports. "Therefore, we are waiting until at least October before making a wholesale recommendation to switch to FTS 2000 for all calls."

BNL's contract with its dial-9 commercial carrier, AT&T, is up in September 1993; at that time, the Lab will be obliged by DOE to use FTS 2000 exclusively for all calls, along with all other federal agencies, as mandated by Congress.

"The quality of the FTS connection is good," concludes Trondle. "By the time we are obliged to use it exclusively, FTS is expected to decrease both its price and the time it takes to make a connection."

— Marsha Belford

# Paul Falkowski Named Guggenheim Fellow



Paul Falkowski, an oceanographer in the Department of Applied Science, (DAS) has been awarded a 1992 John Simon Guggenheim Fellowship by the John Simon Guggenheim Memorial Foundation.

Announced last week, the Fellowships are granted to men and women of demonstrated exceptional capacity for productive scholarship or exceptional creative ability in the arts. For 1992, Falkowski was one of 149 Guggenheim Fellows selected out of 3,162 applicants. Their grants average $26,300 and will be used by the Fellows to pursue the projects that they proposed to the foundation.

Falkowski will use his grant to continue his research on the molecular ecology of carbon fixation in the ocean, which he has been working on over the past decade at BNL. Observations made during this time gave rise to the discovery that the maximum quantum yield of photosynthesis in the ocean is highly variable and related to the distribution of nutrients in the upper ocean.

To continue this work, Falkowski proposed to collaborate with scientists in France and Japan to integrate shipboard and satellite observations into a comprehensive model relating fluorescence signals and spectral properties. Providing a rational mathematical model of primary production in the world oceans, this model will be valuable for understanding how climate-induced changes in ocean circulation will affect phytoplankton production and the carbon cycle of the earth.

Falkowski received his Ph.D. in biology and oceanography at the University of British Columbia in 1975, then became a postdoctoral fellow at the University of Rhode Island. In 1976, he became an assistant oceanographer at BNL, as well as an adjunct professor at the State University of New York at Stony Brook. At the Lab, he was named Associate Oceanographer in 1978 and Oceanographer in 1980. From 1987 to 1991, he served as Head of DAS's Oceanographic & Atmospheric Sciences Division.

# The Secret Is Out — Secretaries Are In

**The word secretary is derived from the Latin, meaning a person connected with secrets. Since Roman times at least, it has been no secret that one characteristic valued in a secretary is discretion.**

**While the intangible characteristics of secretaries may not have changed with time, the concrete skills they need to do their job professionally have. Nowadays, computer skills are most important for a secretary to possess, according to a survey sponsored by Professional Secretaries International (PSI) and the Minolta Corporation.**

**Next on the list come interpersonal skills, personnel administration ability, graphic arts training, bookkeeping/accounting knowledge, and time-management ability. The skills traditionally associated with a secretary — typing, filing and dictation — were collectively seventh, followed by foreign language ability and sales know-how.**

**The computerization of the office, however, has not diminished the need for secretaries: On the contrary, the number of secretaries is projected to increase by 9.6 percent by 1995, according to the U.S. Bureau of Labor Statistics. The largest segment of the office work force, secretaries currently number about four million in the United States.**

**At Brookhaven, secretarial services are provided by over 100 full-time employees in weekly clerical and monthly administrative classifications, all of whom are female. In addition, there are almost 20 clerical assistants, some of whom are called in as needed for short-term secretarial assignments.**

**In its 50th year as the world's largest secretaries' organization, PSI defines a secretary as "an executive assistant who possesses a mastery of office skills, demonstrates the ability to assume responsibility without direct supervision, exercises initiative and judgement, and makes decisions within the scope of assigned authority."**

**To recognize those who fill this role, Professional Secretaries Week was established in 1952. It is sponsored each year by PSI during the last full week in April, with the Wednesday of that week designated Professional Secretaries Day.**

**This year, Professional Secretaries Week is all next week, April 20-24, and Professional Secretaries Day is Wednesday, April 22.**

**Now in its 10th-anniversary year, the Upton Chapter of PSI has 30 members, both from on site and off, who meet monthly. For more information on PSI and its local chapter, call Sharon Jones, Ext. 2493.**

## Budget (cont'd)

structural biology program, but programs in the Applied Science, Chemistry and Medical Departments would face serious shortfalls.

Not all of BNL's funding comes from DOE. In developing the new budget submission, BNL administrators forecasted the work sponsored by the Nuclear Regulatory Commission at a constant level while other non-DOE work was projected to decrease, largely due to the fact that the Synchrotron X-Ray Lithography Source project, funded by the Department of Defense, is nearing completion.

All of these programmatic scenarios, of course, are dependent upon how the gap between the President's budget and BNL's revised request is resolved. As the Laboratory's budget for FY93 comes closer to its final shape, any effect it may have on BNL's program and staff will be reported in the Bulletin.

— Anita Cohen

## P-CAD Training

The Computing & Communications Division is offering classes in electronic design using the P-CAD 5.1 design system. Call Pam Mansfield, Ext. 7286, for more information and to reserve a place in the class.

## Volunteers Needed

Male volunteers, ages 20 to 60 and in good health, are needed to participate in brain and heart-imaging studies being conducted by BNL. A fee will be paid. For more information, call Naomi Pappas, Ext. 2694.

## Infant & Toddler CPR Class

The Upton Nursery School will sponsor an eight-hour infant and toddler CPR and airway obstruction course on two Saturdays, May 9 and May 16, from 9 a.m. to 1 p.m. The cost is $35, and the class may have a maximum of 40 participants.

Interested BNL employees and family members may contact Cathy Lombardo, 878-3475, to register.

## Reports Available

The following reports are available to Laboratory staff and affiliates of DOE, AUI and NRC. Others may purchase the reports from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, VA 22161. Staff members should call the designated contact.

**NUREG/CR-5620**
**BNL-NUREG-52297**
Contact: K. Ratto, Ext. 7250
THATCH: A Computer Code for Modeling Thermal Networks of High-Temperature Gas-Cooled Nuclear Reactors. P.G. Kroeger, R.J. Kennett, J. Colman and T. Ginsberg

**NUREG/CR-5634**
**BNL-NUREG-52259**
Contact: K. Roman, Ext. 3643
Identification and Assessment of Containment and Release Management Strategies for a BNW Mark I Containment. C.C. Lin and J.R. Lehner

**NUREG/CR-5798**
**BNL-NUREG-52303**
Contact: G. Nubla, Ext. 3227
Pilot Program to Assess Proposed Basic Quality Assurance Requirements in the Medical Use of By-Product Materials. E. Kaplan, K. Nelson and C.B. Meinhold

**NUREG/CR-5773**
**BNL-NUREG-52295**
Contact: A. Lopez, Ext. 5768
Selection of Models to Calculate the LLW Source Term. T. M. Sullivan

**NUREG/CR-5725**
**BNL-NUREG-52287**
Contact: G. Nubla, Ext. 3227
Progress Report on Hot Particle Studies. J.W. Baum, D.G. Kaurin, M. Waligorski, R. Bird and L.C. Sun

## Hospitality News

The next meeting of the Women's Forum conducted by Marion Davis-Parzen will be Tuesday, April 21, at 10 a.m., in the Brookhaven Center.

The group meets the third Tuesday of every month to discuss women's issues and to share experiences and concerns. Wives of Lab employees and guests are welcome. Come and bring the children.

## Garden Plots

Spring has arrived, and soon it will be time to begin gardening. Sixteen 10-foot-square plots will be set aside in the apartment area for on-site residents who wish to grow flowers and vegetables. Gardening equipment will be available. To secure a plot, call Farid Ahmed, Ext. 3181.

## Arrivals & Departures

**Arrivals**

**John Rodriguez**.....Accel. Dev.
**Dannie B. Steski**.....Physics
**James D. Stillwell**.....Saf. & Env. Prot.

**Departures**

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

**Barbara S. Apuzzo**.....Nuc. Energy

## Pegram Lecture (cont'd)

tions is the search for proton decay on which he collaborates as a member of the Irvine-Michigan-Brookhaven (IMB) collaboration. This effort has disproved one important attempt at a "Grand Unified Theory" that predicted such a decay.

Goldhaber's physics journey started at Berlin University in 1930. From there he went to Cambridge University in England, where he received his Ph.D. in physics in 1936, and then was named Charles Kingley Bye Fellow of Magdalene College.

In 1938, Goldhaber came to the U.S., to the University of Illinois. In 1950, he and his wife Gertrude Scharff-Goldhaber joined BNL's Physics Department. He chaired the department from 1960-61, then served as Laboratory Director, 1961-73.

For his life's work, Goldhaber has been much honored, most recently in 1991, with Israel's Wolf Foundation Prize in Physics. He also received the National Medal of Science from President Ronald Reagan in 1983.

Goldhaber has been awarded honorary doctorate degrees from Tel-Aviv University in Israel, the University of Louvain-La-Neuve in Belgium, and the State University of New York at Stony Brook. It was announced this week by the University of Notre Dame that Goldhaber will receive yet another honorary degree — during Notre Dame's sesquicentennial commencement exercises in May, when President George Bush will also be a recipient.

## Pegram Lectures: A Brief History

**Maurice Goldhaber joins an illustrious list of twenty others who have spoken under the aegis of the George B. Pegram Lecture Series since it was established in 1959. The list includes: Lee Alvin DuBridge, René Dubos, Charles Coulson, Derek deSolla Price, J. Robert Oppenheimer, Barbara Ward, Richard Hofstadter, Louis Leakey, André Maurois, Roger Revelle, Barbara Tuchman, George Reedy, Colin Low, Jean Mayer, Peter Medawar, David Baltimore, Robert Gallo, Denys Wilkinson, Michael Brown and Roald Hoffmann.**

**The series honors George Braxton Pegram, who played a key role in the founding of BNL. Most of his professional career was spent at Columbia University, where he was a professor of physics, dean and vice president.**

**In 1946, he headed the group that proposed the establishment of a regional center for research in the nuclear sciences in the New York area. When Associated Universities, Inc. (AUI) was formed in 1946 to manage the new laboratory, Pegram became one of the incorporating trustees, remaining an active trustee for ten years.**

# Rediscovery at the Light Source

The National Sychrotron Light Source (NSLS) has been the scene of many fascinating discoveries. One of the most fascinating took place in mid-March, when two visiting Russian scientists rediscovered each other at beam line X11 of the NSLS x-ray ring.

About 1972, when Efim Gluskin was a postdoc and Bella Helmer-Chudnovsky a graduate student, they first met at Novosibirsk in Russia. Having a lot in common, they became good friends and stayed in touch until 1977, when they lost contact.

Gluskin emigrated to the U.S. in 1989, and Helmer-Chudnovsky came about six months ago. Gluskin became a physicist with Argonne National Laboratory, and Helmer-Chudnovsky joined the University of Cincinnati as a visiting scholar.

Last month, each of them came separately to the NSLS to pursue their research: Gluskin was working on characterization of the polarization properties of the radiation that comes out of the dragon monochromator at beam line U4 in the vacuum ultraviolet ring; Helmer-Chudnovsky was studying x-ray spectroscopy at X11.

**Bella Helmer-Chudnovsky and Efim Gluskin.**

Of the moment she encountered Gluskin in the hallway, Helmer-Chudnovsky said, "I recognized him right away." Reunited, the old friends caught up on each other's lives, both amazed at the unlikely discovery they had made at the Light Source.

## Volleyball

### Awards Dinner

The Volleyball awards dinner will be held in the North Room of the Brookhaven Center on Friday, May 8, from 6 to 11 p.m. Purchased in advance, tickets are $14 each, which includes a hot buffet, keg beer, cash bar and music by Eddie Taylor; tickets purchased after May 4 will cost $17. For more information, contact Terry Sullivan, Ext. 2840, or Nancy Ohlmann, Ext. 4440.

### Standings as of April 8

| Open League | | League II (Final) | |
|---|---|---|---|
| Magnum | 49-8 | Monday Night Live | 46-5 |
| Me and the Boys | 36-21 | Just Ups | 32-19 |
| G-Team | 34-23 | Nuts & Bolts | 31-20 |
| Phoenix | 23-34 | Fossils | 30-21 |
| Leftovers | 15-42 | Net Wits | 29-22 |
| Penetrating Vollies | 14-43 | Night Court | 25-26 |
| | | Volley of the Dolls | 16-35 |
| | | Upton Ups | 12-39 |
| | | Muffits | 7-41 |

**Playoffs, Round 2**

**League I**

Upfagrabs vs. Six Pack Attack
Network News vs. Rude Dogs

**League III**

Nutcrackers vs. High Volley'em
Interns vs. Over The Top

## Softball

A Softball safety meeting will take place on Friday, April 24, in Room B, Berkner Hall, at noon. All team captains and/or team representatives must attend. Schedules, rules and regulations will also be distributed at this time.

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## Tae-Kown-Do

Relatively new to BERA's roster of clubs is the Tae-Kown-Do Club, which is devoted to the Korean art of self defense.

This martial art has evolved over hundreds of years, bringing together both the body and the mind. Thus, techniques developed in Tae-Kown-Do can be used in self defense, as well as to tackle difficult challenges, both mental and physical, in the office and at home. Other benefits that the club's dedicated members reap from the workouts include increased strength, stamina and flexibility.

The club's on-site Tae-Kown-Do classes are free, and all are encouraged to try a class. Who knows? You may be the next Bruce Lee! Classes begin promptly at 5:30 p.m. on Mondays and Thursdays in the gymnasium's exercise room.

For more information, call club president Viet Do, Ext. 7892.

## Cafeteria Menu

### Luncheons

| | |
|---|---|
| **Monday, April 20** | |
| Soup: Chicken rice | .80/1.10 |
| Entree: Spaghetti & meatballs | 3.35 |
| Entree: Baked fish w/mushrooms, veg. | 3.45 |
| Entree: Chef's choice | 3.20 |
| Carvery: Hot pastrami sandwich | 2.95 |
| Grill: Sloppy Joe & fries | 2.85 |
| **Tuesday, April 21*** | |
| Soup: Corn cilantro | .80/1.10 |
| Entree: Chicken Provencale w/1 veg. | 3.45 |
| Entree: Steamed fresh vegetable platter | 2.35 |
| Entree: Chef's choice | 3.20 |
| Carvery: Hot roast beef sandwich | 2.95 |
| Grill: Grilled Reuben w/coleslaw | 2.85 |
| **Focus on a hero by-the-inch* | |
| **Wednesday, April 22** | |
| Soup: Vegetable beef | .80/1.10 |
| Entree: Turkey Divan w/1 veg. | 3.45 |
| Entree: Tricolor tortellini w/red sauce | 3.20 |
| Entree: Chef's choice | 3.45 |
| Carvery: Hot ham sandwich | 2.95 |
| Grill: Grilled Monte Cristo | 2.95 |
| **Thursday, April 23*** | |
| Soup: Cream of mushroom | .80/1.10 |
| Entree: Stuffed green peppers w/1 veg. | 3.35 |
| Entree: Swiss steak w/1 veg. | 3.45 |
| Entree: Chef's choice | 3.20 |
| Carvery: Hot corned beef sandwich | 2.95 |
| Grill: Phili cheese steak | 2.95 |
| **Coca cola & chicken sandwich combo* | |
| **Friday, April 24** | |
| Soup: Manhattan clam chowder | .80/1.10 |
| Entree: Baked fish w/1 veg. | 3.45 |
| Entree: Macaroni & cheese w/1 veg. | 3.20 |
| Entree: Chef's choice | 3.20 |
| Carvery: Hot turkey sandwich | 2.95 |
| Grill: Fried chicken breast fillet | 2.95 |

**FLASH . . . *City Slickers* . . . Tuesday, 4/21 . . . 8 p.m. . . . Center Club**

## Plant Sale

Today is the last day of the plant sale that the Association for the Help of Retarded Children is holding outside the Cafeteria. Buy your Easter and Passover plants from 9:30 a.m. to 2 p.m. and help fund activities for mentally retarded adults.

## Tai Chi Club

Improve your balance and enhance your inner harmony by practicing Tai Chi — meditation in motion, and a concentrated stillness of mind while moving through balanced postures.

Tai Chi is offered on site through the Tai Chi Club, by its instructors, Dejun Xue and Chuan-Zheng Yang. The club follows the Yang School of Tai Chi from Beijing, consisting of eighty-eight postures in three parts. Time permitting, complementary exercises, Pushing Hands and Pa Kua, will also be offered.

The next ten-week session will begin on Monday, April 20, with three practices each week (Monday, Wednesday and Thursday) from noon to 12:45 p.m., either at the BERA Recreation Park or in the North Room of the Brookhaven Center. The fee for ten weeks of class and training is $30, payable at registration during the first practice. Prospective members are invited to observe or participate in a free trial period of one week prior to committing to membership.

For more details, call Dave Phillips, vice president, Ext. 4671; Jerry Tanguay, secretary, Ext. 2198; or Chuan-Zheng Yang, instructor and treasurer, Ext. 5790.

## Dance, Dance, Dance

The new BNL Ballroom, Latin & Swing Dance Club will begin its first eight-week series of dance lessons on Wednesday, April 22, with instructor Ginny James of Dance Elektra, Centereach. The one-hour classes will be held on Wednesdays, beginning at 5:15 p.m., in the North Room of Brookhaven Center, unless otherwise notified.

The cost for the eight classes is $25 per person, if a minimum of 30 people participate. Sign up by contacting Marsha Belford, club vice president, Ext. 5053, or at the first session. For more information, contact Walter Loss, club president, Ext. 3086.

**Note to Employees:**

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

## Basketball

### Week of April 6

| Trailblazers | 66 | Scram | 51 |
|---|---|---|---|
| T. Mayo | 23 | S. Nappi | 14 |
| T. Buck | 22 | E. Gregory | 12 |
| R. Garappolo | 10 | J. Rank | 11 |
| D. Branch | 6 | J. Skonieczny | 10 |
| A. Jones | 3 | J. Barkwell | 4 |
| A. Ratti | 2 | | |

*3-point shots:* R. Garappolo (2), E. Gregory, T. Mayo (2), J. Rank.

| Runaways | 78 | Deep Six | 59 |
|---|---|---|---|
| P. Ratzke | 32 | R. Hart | 19 |
| M. Fulkerson | 12 | J. Simms | 14 |
| J. Gaeta | 12 | P. Browne | 11 |
| J. Belz | 11 | D. Eleazer | 7 |
| G. Shepherd | 6 | S. Olsewski | 6 |
| R. Wells | 5 | C. Saxen | 2 |

*3-point shots:* J. Belz, P. Browne (2), R. Hart, P. Ratzke.

## Disney Openings Still Available

**There are still openings for the BERA-sponsored, seven-day, six-night trip to Disney World in Florida, scheduled for October 8-14.**

**The following per-person rates are based on occupancy of one room:**

**4 adults - $857**
**3 adults - $910**
**2 adults - $1,017**
**1 adult - $1,435**

**Children ages 3-9, $553**
**Ages 10-17, $599**
**Rates for ages 3-17 apply only when occupying room with adult(s); age 2 pays airfare only, $359; under age 2, free.**

**The trip is open to a maximum of 44 people, and reservations are now being taken on a first-come, first-served basis. To reserve your space, contact Recreation Supervisor M. Kay Dellimore, Ext. 2873, Bldg. 185. A deposit of $100 per person is required.**

**The trip rates include: round-trip airfare between Islip and Orlando via American Airlines; six nights at Disney's Polynesian Resort; unlimited admission and use of attractions; and much more!**

**For more details, call Dellimore or Carolann Zebrowski, Ext. 3347.**

# Bowling

**Red/Green League**

R. Wiseman had a 246/245/207 for a 698 scratch series, A. Warkentien 237/224/656 scratch, R. Eggert 233, S. Thompson 228, S. Dimaiuta 215, R. Larsen 215/602 scratch, R. Raynis 212, W. Powell 211, H. Marshall 207, C. Bohnenblusch 205/202, K. Koebel 204, F. Griswold 203, R. Sick 201.

**White League**

Sharon Smith had a 222/183, Ken Riker 220, Ed Sperry IV 213 and converted the 6/7 split, Joe Ferrante 203, Elaine Zukowski 191, Diane Romano 188, Pat Oster 183.

**Purple League**

Betty Jellett had a 211, Pat Manzella 210 and converted the 6/7, Jim Goode 203, Renée Flack 183 and converted the 4/6, Caryl MacDougall 182, Larry Musso converted the 8/10 and John Addessi the 6/7/10.

# Classified Advertisements

## Placement Notices

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

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

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

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

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

SCIENTIST - Ph.D. in experimental physics and extensive experience with computer hardware and software required; background in x-ray optics, synchrotron radiation instrumentation or medical imaging desirable. Contact: Avraham Dilmanian, Medical Department.

**LABORATORY RECRUITMENT** - Opportunities for Laboratory employees.

DD 0405. SECRETARIAL/ADMINISTRATIVE POSITION - Requires AAS in secretarial science or equivalent, a thorough knowledge of Laboratory policies and procedures, and excellent communication skills. Responsibilities will include scheduling, coordinating and facilitating patient studies and treatment. Will interact with patients in various stages of illness at the Clinical Research Center. Demonstrated organizational skills and WordPerfect 5.1 experience also required. Medical Department.

**OPEN RECRUITMENT** - Opportunities for Laboratory employees and outside candidates.

DD 0154. REFRIGERATION AND A/C ENGINEER - (temporary through 9/30/92) Requires substantial experience troubleshooting, repairing, installing and operating commercial/industrial air-conditioning and refrigeration equipment, including steam-absorption, centrifugal and helical-screw refrigeration machines. Successful completion of Refrigeration and A/C Apprenticeship Program or related course work is highly desirable. Must be able to work shifts as required. Plant Engineering Division.

DD 8390. TECHNICAL POSITION -(term appointment) Requires AAS or equivalent (BS preferred) in chemical or mechanical engineering, and significant experience in process development and mechanical testing. Will be responsible for chemical and physical characterization of hazardous and radioactive wastes, operation of extrusion and mixing equipment for fabrication of polymer waste form test specimens, the setup and operation of environmental-conditioning, mechanical and electronic-test equipment. Familiarity with PCs and spread-sheet/word-processing software is desirable, as is experience with radioactive and hazardous materials. Department of Nuclear Energy.

LF 8135. ENGINEERING POSITION - Requires BS in civil or environmental engineering or related field, and good interpersonal and communications skills. Will assist in coordinating and monitoring remedial investigation and cleanup activities in the field as part of the Laboratory's CERCLA commitments. Office of Environmental Restoration.

LF 5609. COMPUTING POSITION - (term appointment) Requires BS in computer science or equivalent as well as experience in dBase, Windows, UNIX, and LANs. Knowledge of principles of structured analysis and design, as well as communications and bulletin-board systems, is desired. Responsibilities include maintaining and enhancing the MARKAL users-support system, a special-purpose, DOE-based relational database software system written in the Clipper/C programming languages. Department of Applied Science.

## Motor Vehicles & Supplies

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

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

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

84 RIVIERA - blue, leather int. & hardtop, all power, new brakes, battery, tires, etc., excel. cond., $3,750. 475-8658.

82 DODGE RAM CAMPER VAN - V-8, ac, am/fm cass., sleeps 4, stove, heater, fridge, 110k mi., runs well, excel. cond., $3,800. Bosshard, Ext. 3576.

81 SUZUKI RS-175 DIRT BIKE - reblt. eng., needs some frame work, ltd. ed., ask. $200; '78 Olds 98, 2 dr., a/t, p/w, p/l, p/s, ask. $200. Phil, 286-1348.

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

79 CHEVY MONTE CARLO - w/Buick 455 eng., needs work, ask. $500; 14" tires, 4, less than 2k mi. use, Jeep Wrangler, $100/all. Sauter, Ext. 3783.

79 CHEVY CHEVETTE - 54k orig. mi., new batt. & starter, engine tuned-up, excel. cond., no rust, $575. 732-1389.

78 FORD FAIRMONT - 6-cyl., std., orig. owner, 127k mi., good cond., $500. Arup, 744-6962 eves.

77 FORD LTD II - 302 cu. in., V-8, a/t, p/s, p/b, ac, new batt., brakes, shocks, exhaust, clean, runs well, $700. Vita or Frank, Ext. 7519.

75 GM MIDGET - 54k orig. mi., new exhaust, excel. mech. cond., v.g. body & int., new car cover, $2,250 neg. 385-8075.

74 DODGE DART SWINGER - 6-cyl., good motor & trans., selling for parts or $200. Ext. 4597 or 924-8213.

65 MUSTANG - white, orig. int. & 289 eng., mint cond., $5,500 firm. Wayne, 698-2798.

CHEVY ENGINE - 283 cu. in., V-8, w/350 heads, $100. Bob, 467-4222.

CHEVY 454 BIG BLOCK - disassembled, new oversized cam, rings, bearings, gaskets, block clean & honed, $950. Edward, 661-9155.

CAP - fiberglass, fits full-size 6' bed pickup w/front & side sliding windows, excel. cond., asking $400. Ext. 7573.

CJ JEEP BIKINI TOP - blue, $20; CJ custom bumper, black, w/fog lights, mounts, $25; bicycle roof mounts, $25. Chuck, 821-1525.

HITCH - Drawtight Class III, 2" H/D receiver-type, rated 5k lbs., fits GMC Blazer/Suburban, used one season, $150. Frank, Ext. 7519 or 277-0464.

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

TRAILER - 19', '72 Ardon, sleeps 6, clean cond. in & out, needs tires, $1,150. Ext. 2705.

91 TOYOTA CAMRY - gray, 4-dr., a/t, ac, p/s, p/b, am/fm cass., 2.5k mi., new, still under warr., $11,750. Sam, Ext. 3134, or Vinod, Ext. 2056.

91 ACURA INTEGRA LS - black, 5-spd., ac, alarm, p/w, sunroof, rear spoiler, 7k mi., $14,000. Ext. 5919 or 722-3010.

90 PONTIAC LE GRAND PRIX - 6-cyl., white, 4-dr., a/t, p/s, p/b, fully loaded, 16k mi., excel. cond., $11,000. Ms. Sidney Stafford, 286-4028.

89 NISSAN 4x4 PICKUP - w/cap, 41k mi., burgundy, excel. cond., $6,500. 325-1052 or 288-7478 after 4 p.m.

89 SUBARU JUSTY - ac, a/t, am/fm cass., showroom cond., 38k mi., $3,500. 475-3507.

88 NISSAN 200SX - h/b, a/t, sunroof, all power, one owner, red, 48k mi., mint cond., $7,200. Jeanne, 744-4277.

87 HYUNDAI EXCEL — 37k mi., p/sunroof, good cond., $1,900 or best offer. Mike, 698-3414.

87 NISSAN MAXIMA - ac, sunroof, cruise, am/fm cass., p/seats, leather int., tilt, p/w, a/t, 78k mi., excel. cond., $7,500. Jim, 758-0393 after 6 p.m.

86 PLYMOUTH GRAND FURY SALON - p/s, p/b, ac, p/w, am/fm, new tires & brakes, 89k mi., excel. cond., $3,600. Carol, Ext. 2673.

86 MERCURY TOPAZ - p/s, p/b, ac, 4-dr., air bag, a/t, good cond., $2,000 neg. 744-8894.

86 SUBARU DL-XT - 2-dr., 5-spd., ac, am/fm cass., very rel., excel. cond., $3,000. Jen, 475-8406.

86 JEEP WAGONEER LTD 4x4 - full power, white w/wood grain, still under warranty, excel. cond., $8,500. 588-3775.

86 FORD TEMPO - ac, p/s, p/b, new paint & trans., ask. $2,500; '78 Ford wagon, ac, p/s, p/b, $500 neg. Ext. 2043 or 435-4316 after 5 p.m.

85 OLDSMOBILE TORONADO - moonroof, fully loaded, mint cond., 68k orig. mi., $7,800. Sherne, Ext. 2414.

85 PONTIAC GRAND AM - 2-dr., gray, high mi. all highway, a/t, ac, p/s, orig. owner, good cond., $2,300. Gary, Ext. 3473.

85 HONDA ACCORD LX - 4-dr., a/t, ac, p/w, p/l, cruise, am/fm cass., 84k mi., clean, v.g. cond., $3,950. Ext. 2679 or 472-6922.

84 CAMARO - V-6, 66k mi. red. am/fm cass., no rust, good cond., ask. $2,900. Tarshea, Ext. 2821.

84 FORD TEMPO - 72k mi., no rust, v.g. cond., $1,300. Edward, Ext. 7502/3205.

84 CHEVY CUSTOM LUXURY VAN - 305, V-8, 89k mi., 4 captain's chairs, bench/bed, runs well, $3,955. Roy, Ext. 7357.

82 FREIGHTLINER - 350 big cam, 9-spd., 38k rears, 11/24.5 Budd wheels, extremely clean, excel. running. Ken, 473-7460.

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

81 CHEVY VAN - custom, ¾-ton, capt. chairs, conv. bench seat, high mi., asking $1,200. Frank, Ext. 7684 or 584-5933 after 6 p.m.

77 OLDS - am/fm, ac, new brakes, muffler & battery, 91k mi., excel. cond., $900. Mac, Ext. 4389 or 924-2348 eves.

76 CHEVY IMPALA - p/s, p/b, 350 V-8, 107k mi., excel. cond., $900 neg. Steve, 477-2279.

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

69 CHEVY PICKUP - ¾-ton, 350, m/t, $300. Shane, Ext. 7145.

69 HONDA MOTORCYCLE - 90cc, w/helmet, $200. Mike, Ext. 2052.

TIRES - 2, P220/70R15; four 15" rims for '80 Trans Am, good cond., $25. Jeff, 286-1348.

CAR-TOP CARRIER - clam shell, 200 lb. capacity, used 3 trips, $65. 286-0682.

TIRES - 2, GR78-14 radials, like new, all winter, $20 ea. Joann, 472-6742.

## Boats & Marine Supplies

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

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

20' CLAMBOAT - fiberglass, self-bailing, cabin, excel. cond., any offer over $475. 563-6680.

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

28' BAYLINER CONTESSA - 1984, sleeps 6, low hrs., loaded, Dink ob., $15,000. Frank, Ext. 3698.

23' 4 WINNS - 1986, 230-h.p. Merc. i/o, used 2 seasons, many extras, trailer optional, $11,500. Charlie, Ext. 2407.

20' O'DAY MARINER SAILBOAT - w/fixed keel, 4 sails, 6-h.p. ob., good cond., $1,900. Walt, 473-3295 eves.

19' RHODES #69 SAILBOAT - CB, Hard sails, cockpit cover, extras, excel. cond., ideal daysailer, $2,200. 286-0008.

17' STARCRAFT - w/EZ-loader trailer, 40-h.p. Yamaha, 5 hrs. on motor, asking $3,500. Ext. 2950 or 758-2938.

CLAMBOAT - cabin, f/g, self-bailing, excel. cond., $350. 563-6680.

MOORING - 220 lb. mushroom anchor w/45' chain, in-line swivels, s/s buoy w/thru rod top & bottom swivels, $250. Artie, 924-3553.

## Furnishings & Appliances

CABINET - Col., maple, w/record player & radio, storage, 72"x35"x23", $200. Saxon, 929-4701.

AIR CONDITIONER - window or through wall, 5,900 Btu, 115 volt, asking $125; ski/rower exercise machine, asking $65. Saxon, 929-4701.

AIR CONDITIONER - 4,700 Btu, for small room, 2 yrs. old, $50. Norman, Ext. 3897 or 472-3985.

ARMOIRE - 19th century French, cherry, beveled glass mirrored doors, 7½' tall, 5' wide, 3 shelves, excel. 331-0923.

BUNK BEDS - dark brown wood, starter mattresses, $30 neg. Kevin, Ext. 2907.

CHAIRS - 2, peacock wicker fan, matching table, excel. cond., good for kitchen or porch, $75. Carla, 821-6252.

ANTIQUE CHINA CABINET - wood, very strong, 2 piece, w/cabinets & bar. Gina, Ext. 2396.

DESK - large, old, oak, 6 drawers; dresser & desk, boy's, good cond. Bob, 467-4222.

DESK/HUTCH - girl's, white, $75. 475-3332.

DINING ROOM - Ethan Allen, 42" round table, 12" leaf, 4 chairs, $200; mattress & box springs, king size, Sealy Posturepedic, $100. 473-6546.

DINING ROOM - pine, 68"w x 78"h, hutch, trestle table, 4 chairs, excel. cond., $200/all. 744-2404.

DINNERWARE - Pfaltzcraft, golden wheat pattern, service for 8, more, plate sells for $8 in store, asking $50. Mike, 929-4716.

GARBAGE COMPACTOR - Kitchen Aid, model KCS-200, fits under standard countertops, white, asking $90. Leo, 728-0992.

DINING ROOM - & den furniture, dinette table & chairs, many other household items, reasonable prices. 732-1389.

SEWING MACHINE - old, oak, foot-operated, $50; bureau & mirror, 1930s, painted, $40; table & 4 chairs, $50; direct drive blower, $30. 878-6637.

WASHER - Whirlpool, $25; Whirlpool dryer, $25; Caloric dishwasher w/butcher-block top, olive color, $25. 661-8560 after 6 p.m.

WATER BED - king size, dual flotation mattress system, waveless, heaters, pedestal, $200. Mike, Ext. 2052.

## Tools, House & Garden

AIR COMPRESSOR - Black Max, 3 h.p., like new, $250 or best offer. 744-3502.

BAND SAW - Craftsman, 13", used 62", ⅛ to ½" blades, w/stand & attached low voltage light, $95. Guy, 758-6892.

BURNER - Beckett retention head, $50. 363-2070 eves.

LAWN CHAIRS - brand-new, still in box, powder blue, all steel, set of 4, $50. Kathy, Ext. 2267.

LAWN MOWER - 21" cut, 3½ h.p., Briggs & Stratton eng., re-conditioned, $50. Dan, Ext. 4987 or 698-7322.

LAWN MOWER - Sears Craftsman, 3-spd., self-propelled, elect. start, used 2 seasons, orig. $550, will sell for $250. Ext. 2679 or 472-6922.

PATIO FURNITURE - metal, 2 couches, 2 chairs, cushions, 2 tables, footstool, $200. Bob, 467-4222.

POOL LADDERS - s/s, for igp, $90/ea; 2 sand filters, Jacuzzi w/2 h.p., 220V motor, pump, $80; Haywood, no pump, $25. Van, Ext. 7039 or 289-8428.

WINDOW - Andersen, energy efficient, screen, frame, 25½"x40¾", new, never used, white. Ext. 4611 or 286-2788.

## Sports, Hobbies & Pets

BUNNIES - baby dwarf, outdoor raised, $6. John, Ext. 3675 or 924-3528.

CAMERA - 35mm Nikomat, 50mm coated f1:1.4, Vivitar 70-210mm zoom, 2x3 wide angle lenses, almost new, $300. Ulysses, Ext. 7584.

COCKATIEL - w/cage, 1 yr. old, best offer. Jack, Ext. 2907 or 928-3545.

COCKATIELS - 2, male/female, w/cage, breeding pair, $125 neg. 789-8195.

EXERCISE APPARATUS - Soloflex, butterfly attachment, leg extension attachments, best offer. 924-5282, leave message.

DOG PEN - chain link, 20x10x6, v.g. cond., $150. Tony, Ext. 3194.

HAM TRANSCEIVER - Kenwood TS930, MFJ-949D, antenna tuner, Ameco preamp PT3, QF-1A SBB.CW filter, more. Don, Ext. 2622.

MODEL RR - HO, loco Mountain 4-8-2, loco Decapod 2-10-0, power pac, 50' track, 2 switches, 12 freight cars. 821-0865.

PIANO - Knabe, 1945, sound board, v.g. cond., new felts & strings in 1982, needs tuning, no plastic, $699. Ballard, Ext. 4751 or 5504.

PIANO - Harrington, upright, 120 yrs. old, good cond., $200 neg.; wood stove, $200 neg.; refrigerator/freezer; Whirlpool, $50 neg. Ext. 5407.

PIANO - Kohler and Campbell, tuned regularly, excel. cond., $550. 286-0682.

POODLE - male, 1 yr. old, AKC registered, great w/kids, very affectionate, $100. Mike, Ext. 2050.

R/C HELICOPTER - Superior, .61 engine, 8-channel fm radio, orig. $900, asking $550. Joann, 472-6742.

ROWING MACHINE - Sears, $50; heavy bag, 70 lbs., $50. Bob, 467-4222.

ROWING MACHINE - used once, $50 firm. Gina, Ext. 2396.

## Audio, Video & Computers

COMPUTER - Commodore C64, 1541-II disc drive, 13" Magnavox color mon., 2 Tac-3 joysticks, Xeter Jr., Deskpack plus, games, $280. 475-6981.

HAND SCANNER - ½ pg, Marstek, M-105, 400dpi, all doc., under warranty, $75. Bill, Ext. 4000.

RECORDS - classical, Boston & Chicago symphonies, Franklin Mint, 100 greatest recordings, some never used. Janet, Ext. 2345 or 929-3910.

BINOCULARS - 7x50 AMC, w/leather case, fair cond., $15; Encyclopedia Americana, complete 30 volume, new cond., $60. Saxon, 929-4701.

COMPUTER - Commodore C64, 1541-II disc drive, 13" Magnavox color mon., 2 Tac-3 joysticks, Xeter Jr., Deckpack plus, games, $280. 475-6981.

COMPUTER - C128, 1571 drive, modem, joystick, Cp/M kit, C compiler, programs, flight simulators, Mach 128 cartridge, $350. Don, Ext. 2622.

COMPUTER - Amiga-1000, 1 meg RAM, 2 ds/dd floppy drives over 1000 programs, Star NX-10 printer, asking $450. Ext. 3701 or 751-8128.

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

COMPUTER CABINET - 4-piece, brown/black w/shelf, 1 yr. old, strong, fits everything, long, $100. Gina, Ext. 2396.

SOFTWARE - DOS 3.0, $15. Susan, Ext. 7647.

STEREO SYSTEM - turntable, cassette, amp, CD player, tuner, cabinet. Mike, Ext. 2050.

STEREO - Stereomatic 9900, 8-track, tape player, plays well, $10. Pete, Ext. 4581 or 399-2813 after 5 p.m.

TURNTABLE - Garrard, 3-spd., w/cabinet, asking $25. 689-9234.

COLOR TVS - Sony Trinitron, 19", excel., $75; Panasonic, 14", almost new, $75. Iris, 928-7826.

COLOR TV - Quasar, 13", good cond., $40 firm. Gisella, Ext. 2541.

## Miscellaneous

TOASTER OVEN - phones, ice cream maker, curtain rods, Black & Decker dustbuster, misc. books, pressure cooker, cheap. Saxon, 929-4701.

ENCYCLOPEDIA - Collier, full set, excel. cond., $200. Gene, Ext. 7113 or 874-4248 after 6 p.m..

FILE CABINET - wood, $20; anchor, $10; typewriter, $10; sewing machine, $20; wood computer table, $30; coffee pot, $20. Kathy, 744-2203.

FUR COAT - rabbit, boot length, size medium, $150. Ext. 4519.

JEWELRY - costume, woman's circle pins, 2 different styles, $5/ea. Susan, Ext. 7647.

PROM DRESSES - 2, worn once, dry cleaned, peach, bone-lace, tea length; black, strapless, puffskirt, size 11, $50/ea. Gisella, Ext. 2541.

RUBBER CLEATS - woman's size 9, like new. Mickey, Ext. 7908.

## Free

BABY'S ITEMS - playpen, stroller, walker. Ext. 4985.

DESK - metal, 7 drawers, top measures 30"x60". Chris, Ext. 2022 or 395-6112.

DOG - Golden Retriever mix, 3 yr. old, very good w/children, needs loving family. 475-2551.

## Lost & Found

FOUND - truck side-view mirror, Bldg. 938, Michelson St., Bill, Ext. 4175.

## Wanted

BABY'S ITEMS - first grandchild has arrived, need good used crib w/mattress & car seat. Pete, Ext. 3297 or 821-9547.

CHILDREN'S ITEMS/VOLUNTEERS - for Nursery School consignment sale, volunteers shop early, donations accepted. Cindy, 874-3652.

DANCERS - to join newly forming BERA ballroom, swing & Latin dance club. Walter, Ext. 3086.

FRIGHTENED SPEAKERS - scared to death of speaking before an audience? Visit Toastmasters! Ronnie, Ext. 2851 or Darryl, Ext. 7892.

LAWN MOWERS & LAWN TRACTORS - old, used, complete. Dan, Ext. 4987 or 698-7322.

MICROPHONE - for public speaking, cheap or free; working or not. Ed, 928-3784 eves.

MINERALS - mineral collections, mineral books (old), any language. Plotkin, Ext. 7914, Wednesday a.m. only, 798-2887 other days.

PARTNER - for 30' sailboat, Mt. Sinai Harbor. Ext 7699 or 821-1435.

TICKET - U.S. Open bus trip. Goodzeit, Ext. 7108.

VCR - 2 or 4 head, good cond.; trained young Labrador retriever, friendly. Gina, Ext. 2396.

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