

## BNL . . . . .

On Tuesday, April 17, a new form of communication will start in Berkner Hall. In the lobby will be a video kiosk with a 20-inch television monitor — the showplace for *GLANCE*.

*GLANCE* is a video program that will give fleeting glimpses of life and people at BNL. It will run continuously every workday between 11:30 a.m. and 1:30 p.m., and the program will change every Tuesday. Approximately three minutes short, *GLANCE* will briefly present ideas, traditions and outlooks of BNL.

The concept of *GLANCE* came from Doug Humphrey, head of BNL Video in the Photography and Graphic Arts Division, who then developed the idea fully with Anne Baittinger, Manager of the Public Affairs Office. After it had been approved by the Directorate, *GLANCE* was on its way.

Said Humphrey, "All of us had always thought of video as being a viable adjunct to existing employee communication efforts. But it was a matter of timing, too. Right now, BNL Video can supply solid program production and design capabilities as well as a very talented crew — Alex



This video kiosk will be the showplace of *GLANCE*, an approximately three-minute videotape program giving brief glimpses of life at the Lab. *GLANCE* will start in the lobby of Berkner Hall on Tuesday, April 17. It will run from 11:30 a.m. to 1:30 p.m. daily and change on Tuesdays. BNL Video crew members Ray Axmacher (left) and Alex Reben, both of the Photography and Graphic Arts Division, will create the videotapes, and members of the Public Affairs Office, seen here on the screen, will generate ideas and storylines.

Reben and Ray Axmacher. It seemed natural to bring all this together with the staff of the Public Affairs Office,

to show Brookhaven in a video format."

Each *GLANCE* program will be a

## .. at a *GLANCE*

series of 15-to-45-second segments focusing on BNL research and other aspects of Lab life or people, from the momentous to the offbeat. Shorter features will include an inquiring reporter type format called "It's Questionable," a look at past news events in "Historical Headlines," and a catchall called "Et Cetera."

Most of the ideas for *GLANCE* are being generated by Public Affairs staff, who will write the brief story lines accompanying each videotape segment.

Said Baittinger, "We have a very creative team at Public Affairs — our writers and reporters, as well as our Tour Program staff. Their different views of the Lab, combined with the visual skill and creativity of the video crew, should result in material that is individual and original, yet appealing to other BNL employees."

"We're pretty sure we'll have a good mix that moves quickly," said Humphrey. "We'll be showing a world-class Laboratory filled with interesting people and fascinating projects."  
— Liz Seubert

## BNL Lecture: Chemical Dynamics Using Lasers

Chemical reactions in interstellar gas clouds, reactions in the upper atmosphere and hydrocarbon combustion — in each of these reactions, important chemical intermediates are short-lived, extremely reactive molecules known as free radicals.

A free radical is a molecule that has one or more unpaired electrons, which seek to pair up in a bond with another atom or molecule. Due to their reactivity and short lifetime under normal conditions, free radicals are difficult species to study, and sensitive experimental techniques are necessary. However, it is their presence that determines the rate and direction of many familiar and not so familiar chemical processes.

In BNL's Chemistry Department, Chemist Trevor Sears uses lasers to study these intermediates. He will discuss the kinds of experimental techniques used and the meaning of some of the results in the 260th Brookhaven Lecture. His talk on "Chemical Dynamics Using Lasers" will begin at 4 p.m. next Tuesday, April 17, following an introduction by Ralph Weston, Deputy Chairman of the Chemistry Department.

In his lecture, Sears will focus on a particular elementary reaction involved in hydrocarbon combustion, as an example of one in which free radicals play a major role. He will describe the results of experiments using infrared and ultraviolet laser

spectroscopy to probe the quantum mechanical states involved in the reaction. He will also relate these results to theories of exactly how the reaction takes place.

Trevor Sears earned his B.Sc. in chemistry from the University of Southampton, England, in 1975. With a dissertation on "Aspects of Free Radical Spectroscopy," he was awarded his Ph.D. from Southampton in 1978. He remained at Southampton until 1979, as an S.R.C.-sponsored postdoctoral fellow in the Department of Chemistry.

From 1979-80, Sears worked in the physical and inorganic chemistry research department of Bell Laboratories. This was followed by three years at the Herzberg Institute of Astrophysics of the National Research Council of Canada.

Sears came to BNL's Chemistry Department in October 1983, as an associate chemist. He was named Chemist in 1986.

After the lecture, those attending are invited to join the speaker for discussion and hors d'oeuvres. Also, anyone interested in joining the lecturer for dinner at a restaurant off

site, should call Jon Hanson, Ext. 4378, by noon on Monday, April 16.



Trevor Sears

## Congressman Visits With BNL'ers



(Photos on this page by Stoutenburgh)

Congressman George Hochbrueckner (third from left in photo below) visited BNL on Monday, to be briefed about the Lab's programs.

During the noon hour, he met in the Cafeteria with (from left) BNL Deputy Director Martin Blume; Jerry Bellows, Manager of the U.S. Department of Energy's Brookhaven Area Office; Maurice Goldhaber, AUI Distinguished Scientist emeritus; BNL Director Nicholas Samios; and Jerome Hudis, Vice President-Programmatic Affairs for Associated Universities, Inc. (AUI).

Hochbrueckner also took time out at the Cafeteria to meet and greet some employees (see photo at right), to talk to them informally, both about the Laboratory and about other matters that might concern them.



## Colloquia to Honor Courant

Outstanding achievements in accelerator physics, including the discovery of strong focusing, during a career extending back over 42 years at BNL — these items from the curriculum vitae of AUI Distinguished Scientist emeritus Ernest Courant explain why "Colloquia Honoring Ernest D. Courant" have been arranged by a committee of Courant's friends and colleagues at Brookhaven.

The Colloquia will be held in Berkner Hall on Wednesday, April 18, from 9 a.m. to noon. Speakers will include John Blewett, who retired from the Lab in 1975 as a senior physicist and will recall the "Early Days at BNL"; two accelerator physicists, both former students of Courant: Alex Chao, Superconducting Super Collider Laboratory (SSCL), who will talk on "The Ernest Pursuit of the SSC," and Ron Ruth, Stanford Linear Accelerator Center (SLAC), whose topic will be "Travels with Ernie: Polarization and Nonlinear Dynamics"; and Senior Physicist Robert Palmer, BNL, SLAC and SSCL, who will speak on "Prospects for TeV Linear Colliders."

Commented Laboratory Director Nicholas Samios, "Ernest is one of the great men of accelerator physics, from the conceptual design to the educational. His work has had a major influence on nearly all accelerators built since the early '60s, and he has subsequently received many honors in recognition of his efforts. We at BNL greatly benefited from his wisdom and productivity and look forward, with Ernest, to even more fruitful years ahead."

### Note to Employees:

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

# 25 Years of Scholarships Yield Many Success Stories

In 1965, Associated Universities, Inc. (AUI), announced the first dozen winners of the new AUI Trustee Scholarships — ten children of BNL employees and two children of employees of the National Radio Astronomy Observatory (NRAO). Since then, and including this year's winners (see accompanying story), the quarter-century-old program has awarded 357 scholarships to academically qualified students selected by an independent committee.

AUI, the nonprofit research and educational institution that manages BNL and NRAO, was established in 1946 to advance scientific research to frontier areas of interest to universities, industry and government. AUI is governed by a board of 25 trustees from universities, research institutions and industrial organizations.

According to R. Christian Ander-

son, the retired BNL assistant director who was in charge of administering the AUI scholarships when they were first issued, the awards started as a recruiting tool at a time when universities and laboratories were competing intensely for top scientists. Since universities usually offered free tuition for children of employees, AUI started to offer the \$900 per year scholarships in 1965 for four years of undergraduate work to children of BNL and NRAO employees as a hiring incentive. Since then, the yearly award has risen to \$2,000.

Jerome Hudis, AUI Vice President-Programmatic Affairs, said, "The scholarships recognize and honor the combination of intellectual achievements and social responsibilities known to be the best indicators of future academic success. As an institution dedicated to the advancement

Reviewing lists of past Associated Universities, Inc. (AUI) Scholarship winners are: (from left, standing) retired BNL assistant director R. Christian Anderson; Jerome Hudis, AUI Vice President-Programmatic Affairs; (seated) Jerome Hastings, a 1966 AUI Trustee Scholarship winner who is now a physicist at the National Synchrotron Light Source; and Gail Williams, Manager of BNL's Office of Scientific Personnel.



—photo by Roger Stouenburgh

## Announcing: 1990 AUI Scholarship Winners

In this 25th year of the AUI Trustee Scholarship program, 14 daughters and sons of BNL employees have been selected to receive AUI Trustee Scholarships. Each 1990 scholarship winner will receive \$2,000 per year toward his or her college education, for up to four years of study.

The 14 were selected from 54 applicants by an independent committee appointed by the College Scholarship Service, Princeton, New Jersey, which administers the program for Associated Universities, Inc. (AUI).

of knowledge, AUI is pleased to play a role in encouraging children of Laboratory employees to take advantage of higher education opportunities."

As many as twelve scholarships are awarded competitively each year to children of BNL employees and up to four scholarships for children of NRAO employees. In addition, up to three scholarships may be awarded yearly to BNL and NRAO employees' children who are Black, Hispanic, or Native Americans.

Recently, BNL applicants have numbered between 50 and 60 per year, said Gail Williams, Manager of BNL's Office of Scientific Personnel, who now administers the program. "We're proud that the scholarships are not just academic excellence awards. Criteria for winning also include community involvement, leadership, creativity and the student's sense of self and purpose," she said.

And what happens to an AUI scholarship winner after college? Here's a look at some early winners.

Linda Dexter Hancher was among the first group of scholarship winners in 1965. Her sister, Barbara Dexter Steinech, was a winner in 1969. Hancher earned her B.A. from Rutgers University and her M.A. in English from The Johns Hopkins University. She is now an administrator for the Board of Education in Minneapolis, Minnesota.

Steinech earned her B.S. and M.S. from SUNY at Cortland and her Ph.D. in oceanography from Oregon State University. She now teaches at SUNY at Purchase, and she is working on a research project in Westchester County called "River Watch," in which she works with volunteers to track pollution in Long Island Sound.

Robert Schaeffer, a 1965 scholarship winner who attended MIT but did not complete the school's requirements for graduation, began his career as an assistant to the president at MIT, and then worked on the staff of a state representative in Massachusetts. He is now a self-employed political consultant in Belmont, Massachusetts, and public education director for Fair Test, a consumer-oriented organization. Schaeffer has also done radio editorial writing and he is co-author of two books — *Standing Up to the SATs* and *Winning Local and State Elections: The Guide to Organizing Your Campaign*.

Brothers Robert and Thomas Stehn won scholarships in 1965 and 1967, respectively, and each earned degrees in wildlife management. Robert Stehn earned a B.S. from Syracuse University and a Ph.D. from Cornell University. He currently works as a wildlife biologist for the U.S. Fish and Wildlife Service in Alaska, where he is studying four species of wild geese of the Yukon Delta that have been diminishing in number. (continued on page 3)

David Ben-Zvi is the son of Ilan Ben-Zvi, National Synchrotron Light Source Department. He lives in Setauket and attends Ward Melville High School. He has been accepted at Princeton University, where he plans to study mathematics.



Laura Burrows is the daughter of Thomas Burrows of the Department of Nuclear Energy. A resident of Shoreham, Burrows attends Shoreham-Wading River High School. She will major in business and nutrition at Cornell University.

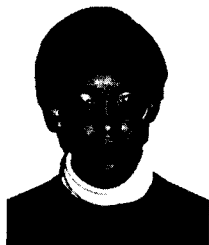


Sigrid Hahn, daughter of Harald Hahn of the Accelerator Development Department, will major in biology at either Brown University or McGill University. She lives in Port Jefferson and attends Earl L. Vandermeulen High School.



Mary-Elizabeth Luckas, the daughter of William Luckas, Department of Nuclear Energy, lives in Shoreham, and attends Shoreham-Wading River High School. She will study foreign languages at either Le Moyne College or Mary Washington College.

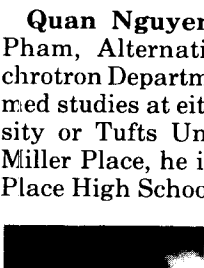
Jay Chiang, son of I-Hung Chiang, Alternating Gradient Synchrotron Department, lives in Stony Brook and attends Ward Melville High School. He will either major in chemical engineering at the Massachusetts Institute of Technology or attend a six-year medical program at Jefferson Medical College in Philadelphia.



Karen Mills, daughter of Robert Mills, Department of Applied Science, and Judith Mills, Personnel Division, attends Comsewogue High School and lives in Port Jefferson Station. She will attend Northwestern University where she will study mathematical methods in social sciences.



Robert DiNardo, the son of Robert DiNardo, Instrumentation Division, will enroll either at Duke University or Georgetown University, where he will major in classical studies. Living in Darien, Connecticut, he is a senior at Darien High School.



Quan Nguyen, son of Hue-Anh Pham, Alternating Gradient Synchrotron Department, will pursue pre-med studies at either Cornell University or Tufts University. Living in Miller Place, he is a senior at Miller Place High School.



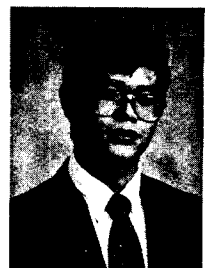
Philip Soo, son of Peter Soo, Department of Nuclear Energy, is a resident of Setauket and attends Ward Melville High School. He will major in either materials science or environmental engineering, but he is still undecided about his college choice.

Melanie Epel, the daughter of Lester Epel, Department of Nuclear Energy, is a resident of Port Jefferson and a student at Earl L. Vandermeulen High School. She has not chosen a college yet, but she plans to study political science and drama.



Diana Falkenbach, daughter of Carmen Falkenbach, Department of Nuclear Energy, will major in psychology at Emory University. She resides in Laurel and attends Mattituck High School.

Victor Souw, son of Eng-Kie Souw, Department of Nuclear Energy, is a senior at Eastport High School and lives in Manorville. He is undecided about his college choice, but he will study physics.



Dana Sutter, daughter of Richard Sutter, Physics Department, is a senior at Comsewogue High School and lives in Port Jefferson Station. She does not yet know which college she will attend, but she will study liberal arts and science writing.



Andrew Gardner, son of Donald Gardner, Physics Department, lives in Bellport and attends Bellport High School. He has not determined where he will go to college yet, but he will major in chemistry or business.



Thomas Stehn, who also is a wild-life biologist for the U.S. Fish and Wildlife Service, is an expert on whooping cranes. He works at the winter resting place for that nearly extinct bird, the Aransas Wildlife Refuge in Texas. He earned a B.S. in mathematics from Carleton College, Minnesota, and an M.S. in wildlife management from the University of Montana. As a Peace Corps volunteer for two years, Thomas Stehn was a manager of parks in Swaziland in southern Africa.

George Eleazer and his sister, Vernetta Eleazer Cousins, won scholarships in 1974 and 1976 respectively. After earning a B.S. from Tufts University, and an M.A. and Ph.D. from Hofstra University in clinical and school psychology, George Eleazer became a school psychologist for Longwood Central Schools on Long Island. He also has a part-time private practice in Bellport.

Vernetta Eleazer Cousins took a different path — she majored in theatre arts at Morgan State University in Baltimore, where she received her bachelor's degree. Cousins now is a drama and religion teacher at Little Flower Children's Services in Wading River. She and her husband, Lemuel, are adoptive or foster parents to seven children, and they have one child by birth. The children are now ages 7 to 23. An aspiring lyricist, Cousins helped to coordinate BNL's first Talent Show in celebration of Black History Month.

Two scholarship winners — Lisa Anderson (1968) and Kathleen McKeown (1972) — both teach at Columbia University. Anderson received her B.A. in international politics from Sarah Lawrence College, her M.A. from Tufts University, and her Ph.D. from Columbia University in political science. She taught Middle Eastern politics at Harvard University before going to Columbia. She is also director of that university's Middle East Institute.

McKeown is an Associate Professor of Computer Science at Columbia University, and she does research under a National Science Foundation Young Investigator Award. Last year, McKeown was the first woman to receive tenure in Columbia's School of Engineering. She earned her bachelor's degree in comparative literature, and she received her M.S. and Ph.D. in computer and information science from the University of Pennsylvania.

And in one case, an AUI scholarship winner has become a BNL employee. Jerome Hastings, who won in 1966, is now a physicist in the National Synchrotron Light Source Department. He received his B.S. and Ph.D. from Cornell University, and after working briefly at Oak Ridge National Laboratory and the Stanford Synchrotron Radiation Project, he joined the Lab staff in 1977. Today he and his research team are developing new techniques using photons for the study of condensed matter physics.

"I'm very pleased with where my education has led me," Hastings said. "I not only have a job that I enjoy — it's also based so close to my hometown. I grew up in Patchogue. It's a good feeling to be back here again." — Diane Greenberg

## BROOKHAVEN BULLETIN

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## Pick a Student

Applications for the 1990 Fall Science and Engineering Research Semester (SERS) program run by the Office of Education Programs (OEP) are available for review until April 17, from 9 a.m. to 4:30 p.m., in Block 2, Bldg. 490, Medical. Use the Clinical Research Center entrance and follow the signs.

For more information, call OEP, Ext. 4503.

## PSI Meeting

Alison Abrams, nurse and exercise physiologist from the Suffolk County Department of Health, will discuss two topics at the next meeting of the Upton Chapter of Professional Secretaries International (PSI). Her discussion of "Health & Wellness Issues for Women" and "What Is a Nurse Practitioner?" will begin at 6 p.m., on Tuesday, April 17, in the south dining room of the Brookhaven Center.

## BERA Bus Trip To Atlantic City

BERA will sponsor a one-day bus trip to Resorts International on the Boardwalk in Atlantic City on Saturday, May 12 (Resorts is adjacent to the new Trump Taj Mahal). The initial cost will be \$20, and the hotel/casino will give a \$5 coin reimbursement and a return voucher.

The bus will leave the Brookhaven Center promptly at 9 a.m. and return about 11 p.m. Tickets can be purchased now at the BERA Sales Office, from 9 a.m. to 2 p.m. weekdays. If you have any questions, call Louisa Barone, Ext. 3347; Rosalie Piccione, Ext. 3160; or Kay Dellimore, Ext. 2873.

## Astronomical Society

Open observatory night for the Astronomical Society will be next Friday, April 20, at 8 p.m. Come and view Jupiter and deep-space objects such as M81 and M82.

Admission is \$1 for nonmembers. Call Keith Power, Ext. 5355, or Rick Jackimowicz, Ext. 3803, for directions and to learn whether the weather is suitable.

## Equipment Demos

Products from the companies represented by Industrial Sales Associates Inc. (ISA) will be on display in Berkner Hall on Tuesday, April 17, from 10 a.m. to 3 p.m. ISA represents companies that make products for high-vacuum technology and processes.

The Digital Equipment Corporation (DEC) will present their DECstation 5000 workstation, DECsystem 5000 server and ULTRIX V4.0 on Friday, April 20, at 10 a.m., in the CCD Seminar Room, Bldg. 515. The DECstation 5000 workstation, DEC's recently announced RISC-based product, provides 2D/3D color graphics and VMS open-bus support, and delivers 60 percent higher performance than the DS3100.

## TFCU Closed Today

The Teachers Federal Credit Union (TFCU), Bldg. 193, Technology Street, is closed today.

## Arrivals & Departures

### Arrivals

Marvin J. Laster.....Director's Ofc.  
Thomas G. Sperry.....S&EP

### Departures

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

Stephen H. Ellerd.....DNE  
Stephen G. Will.....Biology

## Plant Sale Today

Easter plants, including lilies, mums, azaleas and tulips, are on sale today, from 11 a.m. to 3 p.m. in the parking lot on Brookhaven Avenue, opposite Berkner Hall, where the Farmers' Market is held. The sale is sponsored by the Association for the Help of Retarded Children, and its proceeds will be used to fund monthly dances for mentally retarded adults.

## Join the BNL-BERA WalkAmerica Team

Celebrate the 20th year of the March of Dimes WalkAmerica for Healthier Babies by joining the BNL-BERA team on Sunday, April 29. Funds raised by WalkAmerica will help support efforts to reduce infant mortality and the incidence of low birthweight. Every walker makes a difference!

To join the BNL-BERA team, pick up a WalkAmerica sponsor sheet at the BERA Sales Office in Berkner Hall, weekdays from 9 a.m. to 2 p.m., or at the Recreation Office in Personnel, Bldg. 185. For more information, call Louisa Barone, Ext. 3347, or M. Kay Dellimore, Ext. 2873.

## Pursue Fitness!

All eligible BERA members are invited to enhance their level of physical fitness by participating in one of the following programs of the Aerobic Dance Club:

- **Stretch classes** — Mondays, spring session starts April 16.

- **Aerobic dance classes** — Tuesdays and Thursdays, spring session starts April 17 and 19.

All classes are conveniently located on site and timed just after work. Each ten-week session costs \$30 for each day of the week you participate. For more information, including meeting locations, call Pat Campbell, Ext. 3483; Bill Leonhardt, Ext. 2378; or Janet Sillas, Ext. 2345.

## Bowling

### Red/Green League

K. Riker had a 235, J. Muller 231/215 for a 627 scratch series, R. Sick 228, T. Prach 224, A. Warkentien 210, J. Ferrante 209, H. Marshall 209, R. Larsen 208/207/203/618 scratch, N. Parrinello 202, A. Pinelli 202, E. Sperry IV 202, C. Bohnenblusch 201.

### White League

Joe Mayeski had a 220, Al Pinelli 205, Cheryl Miezianka 189/182, Sharon Jones 182.

### Purple League

Joe Ferrante had a 226, Frank Gaetan 220/203/604 scratch, Ted Erickson 213/204, Ben Belligan 200, Sharon Smith 195/184, Gail Schuman 190, Kay Conkling 186, Nancy Erickson 182.

### Scotch Doubles Winners

1st place — Ruth & Joe Sheehan.  
2nd place — Joyce & Al Pinelli.  
3rd place — Debra & Steve Gibiser.

## Basketball

<b>Knicks 46 (OT)</b>	<b>Scream 42</b>
R. Domenech 23	E. Gregory 17
J. Belz 13	T. Powers 9
F. Thompson 8	S. Nappi 8
T. McGill 2	J. Barkwill 4
	R. Diaz 2
	J. Duggan 2

Three-point shots: R. Domenech (5); S. Nappi (2); T. Powers

<b>Bulls 53 (OT)</b>	<b>Warriors 50</b>
P. Johnson 24	W. Cummings 18
S. Gilbert 10	T. Mayo 15
B. O'Brien 9	C. Edwards 5
C. Victoria 8	G. Mack 4
G. Smith 2	B. Gunther 4
	A. Ratti 2
	S. Springston 2

Three-point shots: P. Johnson (4); T. Mayo

<b>Celtics 48</b>	<b>Runaways 38</b>
D. Hoggard 22	G. Shepherd 19
P. Brubwier 9	T. Blum 10
A. Jones 6	M. Wani 5
N. Schaknowski 6	C. Norton 4
J. Wells 3	
B. Turner 2	

Three-point shot: G. Shepherd

## Coming Up

Cecilia Walker, a certified professional secretary and president-elect of Professional Secretaries International (PSI), will speak about "Managers and Support Staff — Partnership of the 1990s," on Secretaries' Day, Wednesday, April 25, in Berkner Hall. Cosponsored by the Upton Chapter of PSI and the Personnel Division, the program will be repeated in morning and afternoon sessions — 9 to 11 a.m. and 1 to 3 p.m.

Secretaries and administrative personnel may attend one of the sessions, provided they have approval well in advance from their supervisors, to assure appropriate department and division scheduling. Exhibits and vendor displays will be available for viewing between sessions. For a copy of the program agenda, contact Mary White, Ext. 7994.

## Social Club

The following events are on the Social Club's calendar:

- **Wrestling! Wrestling! Wrestling!** — Nassau Coliseum, Friday, May 11, 8 p.m., and Saturday, June 30, 8 p.m.; tickets \$13; early reservations mean better second-tier seats.

- **National Parks Tour** — 13 days, August 11; \$1,529 ea./double, \$1,499 ea./triple; bus will go from BNL to JFK, \$100 deposit due now, balance by May 31.

- **Germany: Oktoberfest or the Passion Play Tours** — 8 or 10-day passion play tours start in May with discount prices for BNL employees starting at \$1,285 ea./double; Oktoberfest discount prices for BNL employees start at \$899 ea./double, 8 days starting in September. Both tours are on an individual basis, no quota required for BNL discount.

- **Switzerland** — 9 days, Lugano, St. Moritz and Lucerne; dates start from May 11 through November 16; prices from \$1,079 ea./double, depending on date.

Call Doris Terry, Ext. 7610, Bldg. 197C, as soon as possible for wrestling tickets or for trip brochures.

## Holiday Closing: Pool and Gym

The pool and gymnasium complex will be closed all day, Sunday, April 15, to observe the Easter holiday. Both will resume normal hours on Monday, April 16.

## On the Menu

### At the Cafeteria

**Monday, April 16**  
Soup: Chicken rice .75/.95  
Entree: Sausage & pepper hero w/1 veg. 3.10  
Entree: Broiled chicken w/herbs over rice 3.10  
Fitness: Boneless breast of chicken w/herbs over rice 3.10  
Carvery: Pastrami sandwich 2.85  
Grill: Double bacon cheeseburger w/fries 2.75

**Tuesday, April 17**  
Soup: Split pea .75/.95  
Entree: Fried liver & onions w/1 veg. 3.10  
Entree: Chicken Parmesan w/1 veg. 3.10  
Fitness: Cheese & vegetable casserole 2.85  
Carvery: Hot roast beef sandwich 2.85  
Grill: Swiss & mushroom burger w/fries 2.50

**Wednesday, April 18**  
Soup: Chicken gumbo .75/.95  
Entree: Barbecue riblets w/1 veg. 3.10  
Entree: Meatball hero w/1 veg. 3.10  
Fitness: Vegetable lasagna w/1 veg. 3.10  
Carvery: Hot corned beef sandwich 2.85  
Grill: Tuna melt w/French fries 2.15

**Thursday, April 19**  
Soup: Tomato rice .75/.95  
Entree: Honey-dipped chicken w/1 veg. 3.10  
Entree: Sliced roast beef w/gravy & 1 veg. 3.10  
Fitness: Linguini w/white clam sauce & 1 veg. 3.10  
Carvery: Baked Virginia ham sandwich 2.85  
Grill: Reuben w/cole slaw 2.85

**Friday, April 20**  
Soup: New England clam chowder .75/.95  
Entree: Catch of the day w/1 veg. 3.10  
Entree: Pepper steak over rice 3.10  
Fitness: Chef's special w/1 veg. 3.10  
Carvery: Hot roast turkey w/cranberry sauce 2.85  
Grill: Whaler sandwich w/French fries 2.95



## Classified Advertisements

### Placement Notices

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

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all non-scientific staff positions; second, to give employees an opportunity to request consideration for themselves through Personnel; and, finally, for general recruiting purposes. Because of the priority preference policy stated above, each listing does not necessarily represent an opportunity for all candidates. As a guide to readers, the listings are grouped according to the anticipated area of recruitment.

Except when operational needs require otherwise, positions will remain open for one week following publication date.

For further information regarding a placement listing, contact the Employment Manager, Ext. 2882.

**The vacancies listed below have been exempted by the Director's Office from the current freeze on open requisitions.**

**SCIENTIFIC RECRUITMENT** - Candidates may apply directly to the department representative named or through the Office of Scientific Personnel, Ext. 7813.

**POSTDOCTORAL RESEARCH ASSOCIATE** - to participate in research on the molecular mechanism involved in the induction of cytogenetic effects by mutagenic/clastogenic agents, with emphases on roles of replicative DNA polymerases and associated proteins. Contact: M.A. Bender, Medical Department, Bldg. 490.

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

4205. LABORERS - (6 temporary openings o/a 5/14/90-9/30/90). Plant Engineering Division.

4206. SIGN PAINTER - (temporary o/a 5/14/90-9/30/90). Under minimum supervision lays out, plans and composes a variety of signs, posters, symbols, using all colors and materials. Must be capable of freehand lettering all styles, silk-screen work and stencil cutting. Plant Engineering Division.

4207. BUDGET POSITION - Requires a bachelor's degree in business administration, accounting or related discipline or its equivalent, and several years' experience in cost analysis, budget preparation and control, project planning and scheduling. Experience with PC-driven business programs and familiarity with Laboratory MIS computer programs highly desirable. Will be responsible for preparing and monitoring budgets, controlling costs, coordinating subcontracting and preparing management reports for several departmental groups. Experience in a scientific department desirable. Department of Nuclear Energy.

4208. SECRETARIAL/ADMINISTRATIVE POSITION - Requires AAS in business administration or equivalent, previous accounting experience and a strong background in the use of PCs. Will perform secretarial, office management and administrative functions for Division Manager. Will maintain personnel files, S.O.P.s and Facility Manual. Additional responsibilities will include administration of the Division's Local Area Network, IPAP/JCARS and functioning as Records Management Representative and Computer Security Representative and Computer Security Representative. Central Shops Division.

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

4209. PAINTER A - Under minimum supervision, performs a wide variety of interior and exterior skilled painting operations on buildings, furniture and laboratory equipment. Must know use and application of paints, wallpaper, synthetics, bleaching materials, stains and similar products. Plant Engineering Division.

4210. ELECTRICIAN A - Under minimum supervision lays out, constructs, installs, maintains, repairs and operates electrical systems, equipment, controls and related devices. Plant Engineering Division.

4211. AUTO-TRUCK MECHANIC - Under minimum supervision, performs required repairs, maintenance, servicing, and incidental operation of gasoline and diesel engine-driven vehicles such as automobiles, trucks, trailers and material-handling equipment. Responsibilities will include limited welding and brazing. Experience with computerized diagnostic equipment is a plus. Staff Services Division.

### Motor Vehicles & Supplies

83 OLDS - new tires, engine problem, best offer. C.J., Ext. 3031.

83 BUICK REGAL - s/w, 67k mi., v.g. cond., \$2,700. 282-3136.

82 TOYOTA CELICA GT - new muffler, starter, alternator, 128k mi., ac, \$1,200 neg. Ext. 2126 or 929-3237.

82 HONDA CR 125 - new piston rings, chain & sprocket, excel. cond., \$650 or best offer. Joe, 345-5806 eves

82 BUICK REGAL - p/s, p/b. p/w, ac, 65k mi., am/fm Alpine cass. 363-6940.

81 BUICK CENTURY - 4-dr., V-6, a/t, p/s, p/b, ac, sunroof, 35k mi. on new engine, more, very clean, must see, \$2,300. Richie, Ext. 2175.

81 DATSUN 310GX - h/b, 5-sp., am/fm, runs well, good kids or commuter car, \$1,000 or best offer. Jeff, 282-3457.

81 MERCURY LYNX - a/t, needs carburetor, good transportation, \$300. Barry, Ext. 5624.

81 PONTIAC TRANS AM - turbo, black, 2-dr., T-top, ac, p/b, p/s, c/b, am/fm cass, stereo, Jensen speakers, 120k mi., \$675. Mike, Ext. 4028.

81 FORD ESCORT - 4-sp., am/fm, high mileage, runs well. Ext. 2015 or 929-5911.

80 FORD MUSTANG - 4-sp., 4-cyl., good cond., \$700. 472-8044.

80 DATSUN - 4-sp., am/fm cass., new exhaust system, runs well, ask. \$650. Ext. 3537 or 399-4399.

79 BRONCO - runs well, looks good, many extras, needs front U-joint, \$2,300. Neal, 286-2435.

79 SUNLINE TRAVEL TRAILER - sleeps 6, new tires, brakes & battery, awning, stands, excel. cond, \$4,100 neg. Artie, Ext. 4988 or 325-0743.

79 VOLVO - blue, high mi., good body, new exhaust, steering, thermostat, fuel pump, tires & transmission, \$1,500. Betsy, Ext. 2758.

79 TRANS AM - low mi., new paint job, custom striping, runs well, loaded, custom rims, tires, many extras, p/w, T-top, asking \$4,000. Ext. 2063.

78 CJ5 - soft top, V-8, 3-sp., 4 spare sport rims, 105k mi., good cond., \$1,500 firm. George, Ext. 5288 or 878-8177.

78 MOTOR - 305, 4.BB, will demo in car, running, rebuilt, 10k mi. on it, \$450 or make offer. Frank, 281-3886.

78 FORD FAIRMONT - s/w, 6-cyl., a/t, p/s, ac, p/b, good running car, \$450. Joe, 345-5806 eves.

77 VIKING CAMPER - 21', pop-up, good cond., ask. \$800. Dan, Ext. 4987 eves. or 698-7322 days.

77 CAMARO - & partial extra nose for parts, \$325 takes all. Barbara or Joe, 399-1636.

77 BUICK CENTURY WAGON - 62k mi., ac, air shocks, trailer hitch, new brakes, tires, \$1,500. Don, Ext. 3625 or 286-0428.

76 DODGE VAN - fully equipped, frig., stove, bed, dinette, toilet, stand-up closet, ready to roll for you vacation. 929-8772.

76 HONDA - s/w, good tires & engine, great work or school car, \$100. Janice, 331-3423.

75 BUICK ESTATE WAGON - new trans., rebuilt engine, runs well, \$800 neg. Ext. 3969 or 878-6580.

74 HONDA CB 360 - 100 mi. on rebuilt engine, runs well, garaged, \$450. Pete, Ext. 4100.

### Boats & Marine Supplies

31' CORVETTE CLASSIC - shoal draft, fiberglass, auxiliary sloop, Atomic 4, 7 hood sails, more, v.g. cond., \$16,000 neg. McGeary, 363-2796.

25' MORGAN SAILBOAT - keel/cb, new sails & outboard, draws 2'9", will paint bottom & launch, \$6,000. Steve, Ext. 4008.

23' CHRIS CRAFT - new engine, & canvas, mooring, cradle, lots of extras, great family or fishing boat. 928-7734.

23' O'DAY - loaded, cruising, racing, 6-sails, VHF, Loran, depth/speed, dodger, solo handling, excel. cond., extras, \$13,500. 286-1024.

19' MARQUIS - 1974, V-hull, full canvas, Cox galv. trailer w/electric winch. John, 331-3724.

19' BOWRIDER CRUISER - 1972, w/1976 115-h.p. Johnson, Coast Guard pkg. trailer w/electric winch, \$3,000. Frank, Ext. 2314 or 567-5131.

19' BAYLINER CUDDY - 1986, 125cc ob., trailer, electric winch, \$6,500 or possible trade w/car or truck. Mike, Ext. 2434 or 395-1387.

17' MFG TRI-HULL - 115-h.p. Evinrude, Tee Nee trailer, extras, orig. prop, new water pump, \$2,800. Joe, Ext. 2975.

16' HOBIE CAT CATAMARAN - trailer included, plus extras, v.g. cond., \$1,700. Bob, Ext. 3782.

YAMAHA WAVE RUNNER - 1989, very low hrs., w/trailer & 2 vests, excel. cond., \$3,800 or best offer. 744-1610.

WELLCRAFT 250 NOVA - 1979, 260 Merc cruiser, VHF, CB, winless, new upholstery, very clean, runs well, \$10,000. Jack, Ext. 7527.

### Furnishings & Appliances

STEREO/RADIO - in mahogany cabinet, \$20; thermal drapes, approx. 8'x11", w/accessories, brown print, \$15. Dan, 589-2681.

HOPE CHEST - cedar, 20 yr. old, needs some repairs, make offer, Kelvinator washer, full-size, top loader, \$150. Terri, Ext. 2484 or 689-9328 eves.

SOFA - chair, rocker, coffee table, loose cushion, 2 end tables, 2 lamps, Colonial, orig. \$1,000, asking \$250. Phil, 924-6790.

DINETTE SET - 42" round w/18" leaf, wood grain, formica, w/5 chairs, \$150; recliner, \$75; end tables, \$20-\$60. Ext. 7968 or 286-0082.

DESK - solid mahogany, 6'x3', w/glass top, 4 standard, 1 file & large center drawer, best offer. Chris, Ext. 4185.

CANOPY - gauze, misty rose color, fits full & queen beds, hangs from ceiling, w/hooks, \$85. Brenda, 924-3004 after 5 p.m.

DINETTE SET - \$100; queen bed, \$140; rug, \$25; vacuum, \$55; entertainment center, \$35; lamps, blinds, china, etc. Andrew, Ext. 2251.

LOVESEAT - excel. cond., navy floral print; queen-size waterbed w/liner & heater, bookcase headboard, 12 under drawers. Janice, 331-3423.

COFFEE PERCOLATOR - Farberware, electric, 12 cup, \$30. Mark, Ext. 5350 or 369-0793.

REFRIGERATOR - 2 door, good cond., \$80. Jim, Ext. 7735.

FURNITURE - 3-piece living room set, couch, loveseat, chair, excel. cond., asking \$500. John, Ext. 4220.

FURNISHINGS - contents of home, tools, ladders, new kerosene heater, old albums, 8-track stereos, Sears washer. Ext. 4113.

COUCH - portable washing machine, dinette set, microwave oven, Singer sewing machine, hanging lamps, 4' swimming pool, more. 281-1540.

STOVE/OVEN - Hot Point, electric, self-cleaning, good cond., gold, \$125. 928-3189.

TABLE - antique, marble top, \$65; twin-size air mattress, \$20; oak cabinet, \$20; oak tabletop, 11"x36", \$20. Tim, 744-2203.

DISHWASHER - portable, \$99; dog house, excel. cond., \$30; kitchen sink, faucet & 5' oak counter. Bill, Ext. 2378 or 758-3284.

WASHER - Kenmore, portable, good cond., \$100. O. Booker, Ext. 3082 or 727-5912.

BOOKCASES - 36"x72" high, cabinets below, \$40/each; Victorian piano stool, adjustable, \$35. 744-3744.

### Tools, House & Garden

LAWN MOWERS - Lawn Boy, \$25, Times Square, \$20, need tune-ups; artificial Xmas tree, 6' w/lights, decorations, \$15. Dan, 589-2681.

FRANKLIN STOVE - very reasonable. Ron, Ext. 4715 or 289-1003.

LAWN MOWERS - 2, ride-ons, electric start, headlights, need repair, \$50 for both. 878-4285.

ANNUALS - \$11/flat; hanging fuschia & geranium baskets, \$11; geraniums, \$2.25; shrubs also available. Ken, 744-0722.

LAWN MOWER - Murray, w/bag, \$50. 589-0625.

AWNING WINDOWS - 2, 3030, \$15 each; 2 boat trailer tires, mounted, \$20 each; screen for sliding glass doors, 4' wide, \$15. Carl, Ext. 4420.

ANNUALS - flowers, \$10/flat, \$5.50/1/2 flat; vegetables, \$1/pak; hanging baskets, large selection. Ray, 727-6818 after 4 p.m.

STORM DOOR - 36"x80", white, self-storing for screen & glass, excel. cond., \$75. Ronnie, Ext. 7958.

LAWN MOWER - Snapper, 4 h.p., \$40. Ext. 7968 or 286-0082.

### Sports, Hobbies & Pets

PIANO - Hardman Peck, full keyboard, minipiano, mahogany, good cond., \$750. 472-2394 after 5 p.m.

TELESCOPE - Edmund, scientific, 2001 Astro scan, 16x power, assorted lenses, \$225. Steve, 696-3051.

CAMERA - Nikon FG, 35mm, w/Nikon 50mm lens & zoom lens, 28-50mm, flash, \$250. Neal, Ext. 2254.

CAMERA - Canon A.T.1, 100-200 zoom lens w/2X lens, Hakuba tripod, \$300/all. Steve, 696-3051.

CAMERA - Vivitar, 35mm, self-loading, auto focus, auto rewind, \$40. 473-2496.

STRINGING MACHINE - for tennis rackets, \$50. 589-0625.

FISH TANK - 55 gallon, w/all accessories, like new, bargain. 878-0516.

BIKES - 2, junior size, \$12 each; new bean bag chair, \$5; 19,500 Btu kerosene heater w/2 full 5 gallon cans, \$20. 744-7172.

CLARINET - student model, excel., \$125; advanced Signet, \$250. Jim, Ext. 3372.

DARKROOM EQUIPMENT - Durst enlarger, Schneider 50mm lens, Graylab timer, print dryer, easels. Brian, Ext. 2799.

VIOLIN - 1935 Heverlein w/case & bow, \$900. 744-3744.

### Audio, Video & Computers

VCR - Sharp, VHS, remote control, \$150; Panasonic stereo system, \$110; TV antenna, \$10. Andrew, Ext. 2251.

CAMERA - Sony Handycam, deck w/hard case, complete, \$500. Mark, Ext. 5350 or 369-0793.

TURNTABLE - Pioneer Quartz, direct-drive turntable, PL-540, mint cond., albums, \$85. Georgia, Ext. 2384.

CAR STEREO - radio, cassette, digital, synthesizer, auto-tuning, auto-reverse, almost new, \$80. Jim, Ext. 7735.

SPEAKERS - Criterion 3000, 3-way system, 12" woofer, 4" midrange 2 1/2" tweeter, handles 100 watts, excel., asking \$95/pair. Ext. 4113.

COLOR TV - Spectricon, 19", remote control, cable connector, VHF/UHF; GE answering machine, \$20; phone, 13-no. mem., \$20. 473-2496.

COMPUTER - Tandy 1000TX, color monitor, dot matrix printer, software, IBM-PC/AT compatible, \$1,600. Doug, Ext. 5857 or 281-7419 after 6 p.m.

COMPUTER - Apple GS11, color monitor, 1 mg memory, joystick, mouse, 2 disk drives, color printer, much more, \$1,995. 567-2706 after 5 p.m.

TV - black & white, 13", excel. cond. Lie Ping, Ext. 3867.

### Miscellaneous

AIRLINE TICKET - May 2, Ft. Lauderdale to Mac Arthur, stops in Raleigh, make offer. 475-6981.

LUGGAGE - carry-on, black, \$10; garment rack, \$10. Susan, Ext. 7716.

CLOTHES - man's, new sports jacket, size 40, \$20; wool sweaters, medium, \$10 each; jeans, brown, size 36, \$10. Susan, Ext. 7716.

COUNTRY ALBUMS - \$5 each; 3 fish tanks, \$35; wicker doll rocker, \$35; antique camera, 1908, \$35; electric heater, \$20. Kathy, 744-2203.

### Free

SIBERIAN HUSKY - pedigree, female, spayed, brown & white w/blue eyes. Dan, 589-2681.

CAT - male, neutered, black, affectionate, needs good home. 588-9012 eves. or Fran, Ext. 4215.

PUPPIES - 6 black, 3 tan, mixed-breed, mother golden retriever, father unknown, 6 weeks old. 281-0360 after 6 p.m..

FIREPLACE INSERT - allows use of fireplace to help provide home heating, standard size. Bob, Ext. 3782.

PICNIC TABLE - and four benches, you pick up. Paul, Ext. 3308.

### Car Pools

BOHEMIA-OAKDALE-SAYVILLE - need 2 drivers, also can meet at Exit 59 LIE. Frank, Ext. 2314.

### Real Estate

*Real Estate advertised for sale or rent is available without regard for the race, color, creed, sex or national origin of the applicant.*

### For Rent

LAKE RONKONKOMA - 1-bdrm. apt., eik, l/r, full bath, w/w, cable, own thermostat, 1/2 mile LIE, Exit 60, 20 min. to BNL, \$650/mo. pays all, + 1 mo. sec. 588-2477 after 5:30 p.m.

MASTIC BEACH - 3-bdrm. house to share w/2 other professionals, \$400/mo. incl. heat, elec. & cable, 15 min. to Lab. Jonathan, 395-5221.

MEDFORD - furn. studio apt., room w/priv. bath, priv. ent., small refrig., microwave, no pets, non-smoker, \$100/wk. incl. all + 1 wk. sec. 475-7250.

MIDDLE ISLAND - share 2-bdrm. condo w/female professional, 5 min. to Lab., \$475/mo. + util. 751-8351 after 6 p.m.

MIDDLE ISLAND - loft bdrm. apt., eik, l/r, full bath, cath. ceilings, skylight, priv. ent. w/deck, cable, no pets, \$650/mo. incl. all. 924-9442.

PATCHOGUE - 1-bdrm. apt., furn. or unfurn., full kitchen, 1 bath, cable, priv. ent., no pets, mature working person, \$625/mo. incl. all + sec. 289-7902.

PORT JEFFERSON STATION - new 1-bdrm. apt., w/w, priv. ent., eik, no pets, \$625/mo. incl. all & cable. Peggy, 473-9114.

RIDGE - 1-bdrm. apt., full bath, l/r, w/w, cable, priv. ent., 5 min. to Lab, mature working person, \$600/mo. incl. all, + 1 mo. sec. Mike, Ext. 7625 or 924-0341.

RIDGE - 1-bdrm. apt., w/w, priv. ent., 5 min. to Lab., no pets, avail. immed., \$600/mo. incl. all. Ext. 5076 or 744-4615.

SHIRLEY - 1-bdrm. apt., eik, l/r, full bath, w/w, quiet residence, 15 min. from Lab., \$575/mo. incl. util. 281-1840.

SHIRLEY - studio apt., priv. ent., semi-priv. bath, small refrig., microwave, cable hook-up, mature person, no drinking, \$90/wk. Joe, Ext. 4639.

SMITHTOWN - 3-bdrm. house, eik, l/r, d/r, 2 baths, large fam. rm., fin. bsmt., w/w, \$1200/mo. + util. Ext. 5092 or 331-8128 after 7 p.m.

### For Sale

CENTERPORT - 220' waterfront on Northport Harbor, 4-5 bdrms., 4 baths, 0.6 acre, dock, \$625,000. Bob, 261-3890.

EAST PATCHOGUE - 3-bdrm. ranch, 2 bath, eik, appl., bsmt. w/washer-dryer, deck, pool, excel. location, low taxes, \$127,000. 654-5609.

MASTIC - 3-bdrm. country home, appl., w/w, encl. patio, attic, bsmt., fenced, SCWA, low taxes, energy efficient, immac., minutes from Lab, \$105,000 neg. Ext. 4269 or 399-4356.

MASTIC - 3-bdrm. ranch, den, l/r, gar., 0.375 acre, new windows, w/w, lots of extras, immac. cond., \$120,000. 399-3303.

MASTIC BEACH - 2 bdrm., encl. porch, 120x100, low taxes. Henry, 281-8538.

MATTITUCK - 3-bdrm. house, 1 1/2 baths, large fin. bsmt. w/fp & bar, 1/4 acre, low taxes, \$139,000. 289-8537.

MEDFORD - 1 or 2 bdrm. condo, l/r, eik, newly remodeled, w/w, all new appl., in/out pools, tennis, golf, \$102,000. Ext. 3921 or 736-1729.

MIDDLE ISLAND - Lake Pointe, 2 bdrm., l/r-d/r area, closet space, w/d, all appl., w/w, a/c, gas heat, wood deck off master bdrm., ask. \$78,500, neg. Bob, 924-7316.

OAKDALE - 3-4 bdrm. ranch, eik, l/r, den, wood floors, full fin. bsmt., poss. m/d, full sided, 1/4 acre, mint cond., \$164,900. Ext. 4826 or 736-0651.

RIDGE - 3-bdrm. townhouse, 1 1/2 baths, c/w, w/w, all appl., encl. redwood patio, storage room, low monthly maint., 5 min. to Lab, priced to sell. Mary, 924-4328.

RIDGE - 3-bdrm. hi-ranch, l/r w/cathedral ceiling, large eik, full bath; down, l/r, bdrm., kitchen, full bath, oversized 2-car gar., gas heat, all appl., min. to Lab, \$135,000. 744-0345.

ST. JAMES - 4-bdrm. Cape, oak and ceramic floors, full bsmt., 2-car gar., walk to shopping, \$164,500. 751-9096 or Ext. 4138.

SETAUKET - central-hall Colonial near SUNY, 4 bdrm. w/master suite, 9 rooms, 2-car gar., bsmt., igp, 1/2 acre, sacrifice at \$206,000. 751-9096

SETAUKET - 4-bdrm. Cape, 3 baths, N. 25A, azaleas, laurel, woods, \$249,000. 751-1401.

SHOREHAM - 3-4 bdrm. contemporary, 1/2 acre, ig sprinklers, eik, l/r, d/r, 1 1/2 baths, new carpeting, all appl., large storage workshop room, 5 min. to Lab., \$163,000. Ext