BROOKHAVEN BULLETIN
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BROOKHAVEN NATIONAL LABORATORY

Studier Named Biology Chair

On October 1, Bill Studier, an active researcher in the Biology Department for the past 26 years, will take up a new appointment — as Department Chairman.

In announcing the five-year-term appointment, Laboratory Director Nicholas Samios noted, "Studier has made pioneering contributions toward understanding the sedimentation properties of DNA, the electrophoretic properties of proteins and DNA, and the mapping, sequencing, and cloning and expression of the genes of T7 phage — a bacterial virus containing 39,936 base pairs of DNA. He was instrumental in devising an innovative biotechnological procedure involving T7 genes that is useful in synthesizing large amounts of specific proteins in bacterial cells."

Samios also commented that, recently, Studier "has developed a strategy for sequencing the nucleotides of cosmid DNAs [units of approximately 40,000 base pairs] by use of a library of oligonucleotide primers that promises to be of great use in the sequencing of large genomes, such as those of humans."

Studier replaces Geoffrey Hind, who has been Chairman of Biology since 1987. Hind will now devote his full time to his research in cellular and molecular aspects of photosynthesis.

Said Samios, "I am appreciative of

Bill Studier

Hind's efforts in helping to maintain a high level of scientific productivity within the Biology Department and in pushing initiatives in molecular biotechnology and genome research while enhancing the Department's activities in safety and quality assurance."

A most important part of being chairman, Studier feels, is to maintain an environment where basic research can flourish.

"We are here to do basic research of interest to the Department of Energy [DOE]," he said. "The most productive way to accomplish this is to assemble creative researchers with interests in these areas and let them do what they want to do. I consider it the job of the chairman and the other support people in the department and around the Lab to make it as easy as possible for researchers to do what they want to do.

"Fortunately, we already have a very good department and very good supporting staff," he continued, "but we can maintain this only by constant renewal. We need to bring in

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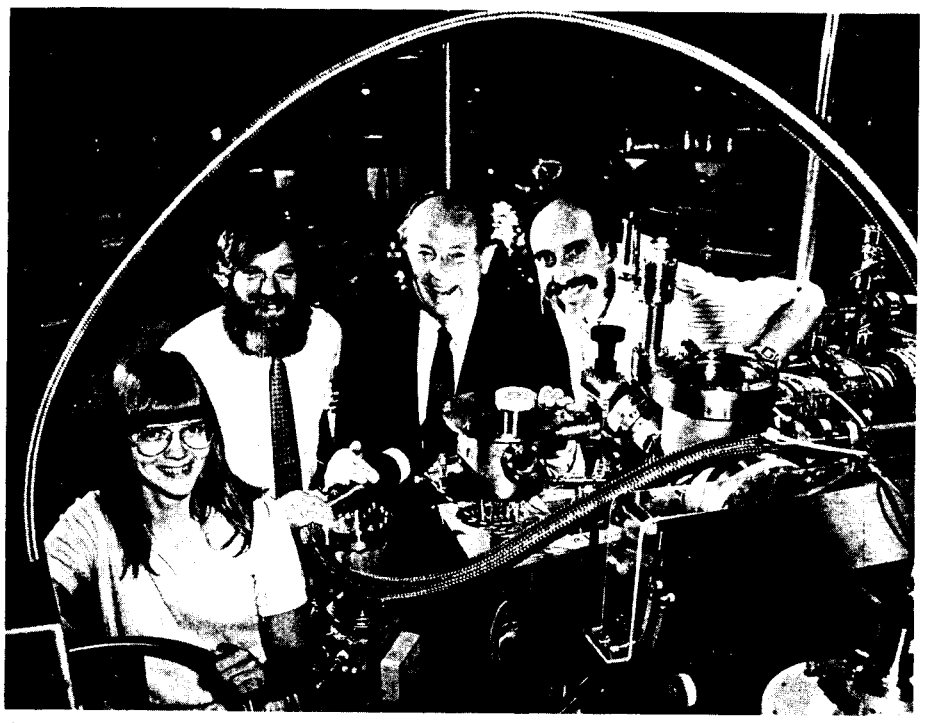


At the NSLS infrared beam line, standing under an arch formed by a tube containing liquid helium, are (from left) Carol Hirschmugl, Peter Siddons, K. Dieter Möller and Gwyn Williams. The four researchers developed the R&D 100 Award-winning wavefront dividing infrared interferometer, which is installed at that beam line.

Lab Wins R&D 100 Award For Novel NSLS Device

For the seventh consecutive year, Brookhaven Lab has won a prestigious R&D 100 Award. This year's award was for a novel instrument that opens up a new class of experiments with synchrotron radiation.

The device was developed by Gwyn Williams and Peter Siddons, both in the National Synchrotron Light Source Department; Carol Hirschmugl, a graduate student at Yale University and a technical collaborator at BNL; and K. Dieter Möller, a collaborator from Fairleigh Dickinson University. Möller was funded during part of this work by BNL's Exploratory Research Program, in collaboration with Trevor Sears of the Chemistry Department.

The R&D 100 competition is sponsored annually by *Research and Development* magazine to select the top 100 technological achievements of the year. Typically, these are innovations that transform basic science into useful products.

BNL's award-winning instrument — known as a wavefront dividing infrared interferometer — is installed at the vacuum-ultraviolet ring of the National Synchrotron Light Source (NSLS), the world's largest synchrotron radiation center.

This award marks the fifth time that a device at the NSLS has won in the R&D 100 competition. In fact, yet another device used at the NSLS, developed by researchers at Lawrence Livermore Laboratory, was also a winner this year. That device is a high-speed, time-resolved, diffractometer reaction chamber, developed by Elizabeth M. Larson, Phillip A. Waide and Joe Wong.

Intense Infrared Source

An interferometer splits light from a source into two beams, one of which then passes through a sample. When the beams are recombined, an interference pattern results, thereby giving information about the sample.

The BNL interferometer makes use of infrared radiation that comes from a new infrared beam line at the NSLS. This beam line is the brightest, broadband infrared source available today. As a point of reference, the source produces infrared radiation that is over 300 times hotter than the surface of the sun. According to Gwyn Williams, it is this extreme intensity that makes the interferometer work so well.

Williams pointed out, however, that building the infrared beam line was no simple task. "The NSLS is well known for experiments that use x-rays and ultraviolet light. Even though a synchrotron produces a broad range of radiation, including infrared radiation, few use infrared because it's too difficult to extract," he says. "We're the only ones at the NSLS working on the other side of the rainbow."

He credits several people — including Deputy Director Martin Blume and past chairman of the NSLS John

(continued on page 2)

Engineering and technical support for the wavefront dividing infrared interferometer was provided by Dennis Carlson (left) and Mark Shleifer, both at the NSLS.

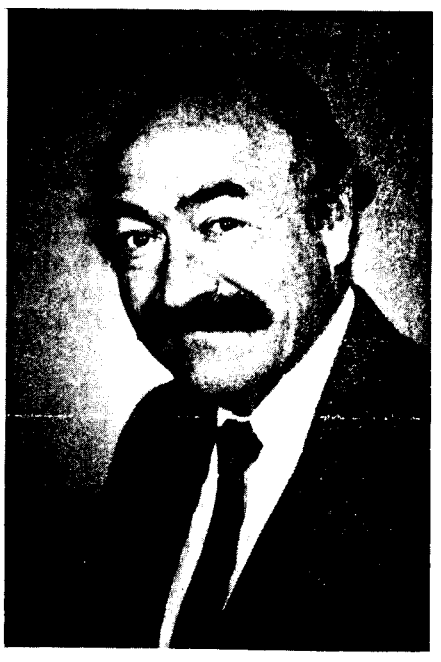
Photos in this issue by Roger Stoutenburgh.

Sakitt to Fill New Assistant Director Post

Mark Sakitt, a senior scientist in the Physics Department, joins the BNL Directorate on October 1, in the new position of Assistant Director for Planning and Policy. His duties will include overseeing scientific personnel, educational programs and the institutional plan.

In announcing this appointment, BNL Director Nicholas Samios noted, "Mark's talents and experience are well matched to this post, as evidenced by his involvement in both departmental and BNL Council deliberations, his teaching activities at SUNY Stony Brook and his participation in U.S. Government strategic planning studies.

"Dr. Sakitt has been a member of the BNL Physics Department since



Mark Sakitt

1964," added Samios. "He has been primarily involved in research in particle and high energy physics. I know he will apply his creativity and drive to the new challenges which will face him."

Scientific Personnel

Regarding scientific personnel, Sakitt sees a particular challenge in the area of senior appointments. "Because the Lab's future depends on the ideas and originality of its senior scientific staff," he said, "decisions on tenure or continuing appointments must be made fairly, efficiently and competitively."

In this effort, he will work closely with the staff of the Office of Scientific Personnel and its manager Gail Williams, and with the Brookhaven Council, whose 16 members offer the Director recommendations on tenure appointments and advice on policy affecting the scientific staff. Sakitt was a member of the Council from 1974-77 and served as its chairman from 1975-77.

Educational Programs

In terms of educational programs, Sakitt observed, "Admiral Watkins, Secretary of the U.S. Department of Energy, has really pushed the national laboratories to take more responsibility because, although science education is critical to our nation, it has been in a somewhat dismal state."

At BNL, Sakitt expects that this national concern will be translated by the Office of Educational Programs (OEP), which is headed by

(continued on page 2)

Put in Your Bid for Art And Help a Scholarship Fund

L'Homme Sandwich, pictured here, is a painting typical of Michel Delacroix, an artist whose work will be available for sale at an art auction in Berkner Hall on Saturday, October 6. The auction is being sponsored by Brookhaven Women in Science (BWIS) to benefit the Renate W. Chasman Scholarship Fund.

The auction will feature a large array of artists, from Marc Chagall to Norman Rockwell, as well as a variety of media, from oils to graphics. The artworks will be on display for inspection starting at 6:30 p.m., and the auction will start at 8 p.m.

Tickets are $5 each, and they, along with part of the price of any art purchase, are tax-deductible. The public is invited, and BWIS hopes for a full house because the share of profit that benefits the scholarship fund increases with the number of people in attendance.

The average price for the artworks is expected to range between $50 and $200. Checks are preferred, but credit cards will also be accepted.

Refreshments will be served, and the gala evening will end with a door prize for one lucky winner.

Advance tickets will be sold at Berkner Hall and at the Teachers Federal Credit Union next Wednesday, Thursday and Friday, October 3, 4 and 5, from 11:30 a.m. to 1 p.m. In addition, they may be purchased from Alyce Daly, Bldg. 197, Ext. 5203; or Harriet Martin, Bldg. 477, Ext. 3487. Tickets will also be on sale at the door.

Mark Sakitt (cont'd)

Donald Metz, into an expanded, more effective program.

One of BNL's educational programs is the Brookhaven Semester, begun in 1968 to help students from predominantly black colleges explore careers in science. Sakitt was on the original steering committee and taught one of the first courses for this program.

"I have always been interested in teaching, and in getting teachers to understand technology and its impact on society," Sakitt said. Since 1984, he has done this as an adjunct lecturer at the State University of New York (SUNY) at Stony Brook. In the Center for Science, Mathematics and Technology Education, he teaches a three-credit graduate course on "Technology and Policy: National Security," and most of his students are teachers.

Institutional Plan

Issued every year, the Institutional Plan is a guide for the Laboratory's next five years. It summarizes BNL's mission and the major issues affecting the Lab. It presents a strategic view of the Lab's role, describes planned and proposed construction initiatives, BNL's scientific and technical programs, and the Lab site and existing facilities. Finally, the plan projects the resources needed to fulfill the program plans.

Over the past years, the Institutional Plan has been prepared by Jerome Hudis, Vice President for Programmatic Affairs for Associated Universities, Inc., and John Hauser, Deputy Budget Officer in BNL's Budget Office. As Sakitt assumes Hudis's role in the plan's preparation, Hauser, with his considerable experience and expertise, will remain an invaluable part of this effort.

Though Sakitt has been familiar with many of these areas from an experimental physics perspective, he welcomes the opportunity that his new position will afford him to take a broader, Labwide view. "In addition to being important, these tasks look to be both challenging and fun to do," he said.

In Pursuit of Science

While taking on these new responsibilities, Sakitt also plans to continue with his work in Physics, though scaled-down. So he'll use an office in Administration, Bldg. 460, when he attends to his Directorate duties, but he'll keep his office in Physics, Bldg. 510, for pursuing his science.

As a member of Physics' Omega Group, Sakitt's research interests in physics have primarily centered on the weak interactions of K mesons, and the low-energy interaction of kaons and antiprotons.

"Right now I'm part of a collaboration for an experiment that's been approved for the AGS, to study the possible biomedical application of antiprotons in depositing radiation for therapy and/or imaging," Sakitt said. "I'm also with a group that has sent a letter of intent for doing an experiment at the Relativistic Heavy Ion Collider — to do a proton-proton experiment."

Mark Sakitt earned his Ph.D. in physics at the University of Maryland in 1964, then came to BNL as a postdoctoral student in Physics. He was named assistant physicist in 1966, associate physicist in 1967, physicist in 1970 and senior physicist in 1982.

About 15 years ago, Sakitt became intrigued with questions of national security, and he has since become a recognized expert in the area of maritime warfare. He spent the year 1986-87 as a Carnegie Science Fellow in the Center for International Security and Arms Control at Stanford University. He is currently completing a project with the Massachusetts Institute of Technology regarding proliferation of nuclear attack submarines.

A Fellow of the American Physical Society, Sakitt is on the advisory board of the SUNY at Stony Brook Arms Control, Disarmament and Peace Studies Resource Center. Among other associations, he is a member of the Naval Submarine League and has sat on the board of directors of the Suffolk chapter of the American Civil Liberties Union. In addition, Sakitt said he spends his lunch time "playing ruthless games of handball!" — Anita Cohen

Bill Studier (cont'd)

bright young people who have ideas that they want to explore."

Studier hopes the department can expand its studies related to the human genome, currently of great interest to DOE. "We have considerable expertise in this area, and Brookhaven would have many advantages as a regional center for genome studies," he said.

Studier obtained his B.S. degree from Yale University in 1958 and his Ph.D. in biophysics from the California Institute of Technology in 1963. He arrived at Brookhaven in 1964 as an assistant biophysicist, rising to biophysicist in 1970. In 1974 he was appointed senior biophysicist.

In 1977, Studier received the U.S. Department of Energy's Ernest Orlando Lawrence Memorial Award, which is given for outstanding contributions to the field of atomic energy. Studier was recognized for "fundamental contributions to DNA and gene structure and function essential to understanding radiation and chemical induced genetic damage and repair."

Studier is also an adjunct professor at the State University of New York at Stony Brook, and a member of the American Association for the Advancement of Science, the American Society for Biochemistry and Molecular Biology, and the Biophysical Society. In 1989, he was honored with election to membership in the American Academy of Arts and Sciences. — Liz Seubert

Work-Study Students From SCC Available

Sponsors are now being sought for Work-Study students from Suffolk Community College (SCC) for the spring 1991 semester.

The Work-Study Program is a unique, federally funded, financial-aid program. Its primary goal is to provide students with a means of earning at least a portion of their college costs. Secondly, students may have an opportunity to integrate their classroom education with their actual work experiences. Students work for a minimum of eight hours per week.

Work experiences are being sought in the following areas: mechanical/electric technologies, biology, chemistry and clerical.

At BNL, the Work-Study program is administered through the Office of Educational Programs, at no cost to the students' sponsors. Contact Renée Flack, Ext. 3316, for further details.

In Memoriam

Harry Palevsky, a senior physicist who retired from the Physics Department in 1982, died on September 17 at the age of 71.

Palevsky joined BNL as an associate physicist in 1950 and spent all his 32 years at the Lab in the Physics Department. In 1954 he became a physicist, and in 1967, senior physicist. Among some stays abroad was a period in Sweden, where he did pioneer research on inelastic neutron scattering, and a year at CERN, in Switzerland, as one of the scientists on a BNL exchange program.

After his retirement, Palevsky lived in California. He is survived by his three daughters, Mary Granados, Katy Longley and Annie Miles; two sons, Nicholas and Alan; and three grandchildren. Condolences may be sent to Katy Longley, 26 Longfellow Avenue, Brunswick, Maine 04011.

Contributions to a scholarship fund may be made to the American Physical Society, Division of Nuclear Physics/Harry Palevsky, 335 East 45th Street, New York, NY 10017.

R&D 100 (cont'd)

McTague — for seeing beyond the risks and encouraging the project at the beginning. William Thomlinson, NSLS, and former Chairman Michael Knotek provided support during the implementation phase. Mark Shleifer and Dennis Carlson, both at the NSLS, were responsible for designing and building the beam line, respectively.

The key to the infrared source's success, says Williams, is the optics for extracting the beam.

When the beam line was built, these optics used the largest hole ever cut into an accelerator. Williams also notes that the mirror positioned to intercept light from the NSLS ring must handle power densities up to 500 watts per square centimeter.

Further, the infrared beam line is the first at the NSLS to implement a cooling design using sophisticated, three-dimensional computer calculations. Rudy Alforque, NSLS, did the calculations, and the optical system was designed by Peter Takacs, Instrumentation Division.

New Studies Now Possible

The intensity of the infrared source enables the interferometer to perform efficiently in a particular spectral region — the mid-infrared to millimeter-wave region. In the past, this region has been difficult to work in because it is an area of low energy and, hence, weak signals.

Williams says that the BNL interferometer has a signal-to-noise ratio as much as 1,000 times better than that of conventional instruments. Thus, the interferometer can measure highly absorbing samples, such as high-temperature superconductors — newly discovered materials that have promising applications in such areas as electronics and transportation. The instrument can also detect small signals from dilute systems, useful for catalysis and corrosion studies at the molecular level.

Additionally, the interferometer covers a spectral region that in recent years has become of great interest to the chemical, oil and gas industries, including research on environmental control and monitoring.

When measuring a sample, BNL's interferometer covers a wavelength region from ten microns to one centimeter in a single scan. Even though it functions over such a broad wavelength range, the instrument can operate with no change in components, a significant advantage over conventional instruments. In addition, it can characterize completely the optical activity of solids, liquids and gases.

A future refinement of the instrument will enable it to scan samples rapidly, thereby eliminating low-frequency noise. Also, Williams and Siddons have already started planning ultraviolet and soft x-ray versions of the interferometer, which could considerably enhance the wavelength resolution available in this spectral range.

BNL's participation in the R&D 100 competition has been organized since 1984 by the Technology Transfer Office. — Mona S. Rowe

Softball Champs

Flying high were the Blue Jays, who again took top honors in League I. This Employees' League team includes: (front, from left) Mike O'Connor, Larry Musso (co-captain), Louis Nieves; (back, from left), Bob Medina, George Oldham (captain) and Jerry Hobson. Not pictured: Juan Alvarez, Jim Forkin, John Guido, Frank Palmeri, Gerry Shepherd, Chris Tersigni, Larry Witt and John White.

In League II, Scrambled Legs came out sunny-side up. This Employees' League team includes: (front, from left) Bob Christianson, Ken Kentaffio, Rick Casten, Jack Brennan (co-captain); (middle, from left) Tony Salvo, John DiNicola, Jim Wright (captain), Tom Nehring; (back, from left) Pete Eterno, Tom McEvaddy, Rich Scheidet and Bill Slavinsky. Not pictured: Tom Hayes and Mike Schaeffer.

In League III, Cocoon wrapped up the regular season undefeated, then went on to take the championship. The Employees' League team includes: (front, from left) Joe Hanson, Lewis Jackson, Clarence Wilkins, Jim Hanson; (back, from left) Dave Comstock, Fletcher Johnson, Jerry Quigley (co-captain), Tim Dwyer, Bob Di Lello (co-captain), Pete Abrams, Mike Guacci and Ron Mulderig. Not pictured: Rob Di Lello Jr. and Harold Marshall.

The Brewers stirred up a championship in League IV of the Mixed League: (front, from left) Kathi Barkigia, Denise Miesell, Linda Farmer, Michi Miura, Alison Davenport; (back from left) Terry Sullivan, Gail Penny, Joe Hriljac, Russ Tonkyn (captain), John Willi, Paul Hale, Tirre Farmer and Mark Renner (co-captain). Not pictured: Mary Boyd, Sandy Lane, Ron Webster, Lisa Willi.

Cosmic Debris produced a victory of cosmic proportions to become League V champs. The Mixed League softball team includes: (front, from left) Lucy Sanchez, Louis Jackson, Barbara Langhorne, Charlie Wilkins, (back, from left) John Quigley (co-captain), Terry Quigley — holding daughter Kaylin, the team's good-luck charm, Jose Sanchez, Dina Tullo, John "Pete Rose" Biemer, Sam Logan, Bob De Angelis (captain), Jim Biamonte, John Van Gelder and Sue Dobzeniecki. Not pictured: Maryellen Savoca and Maryann Van Gelder.

On The Menu

At the Cafeteria

Luncheons

Monday, October 1

Soup: Corn chowder	.75/.95
Entree: Beef fajitas w/1 veg.	3.10
Entree: Cheese ravioli in marinara sauce & 1 veg.	3.10
Fitness: Barbecued chicken w/1 veg.	3.10
Carvery: Hot pastrami sandwich	2.85
Grill: Swiss mushroom burger	2.75
SPICE: National pretzel month	

Tuesday, October 2

Soup: Old-fashioned lentil	.75/.95
Entree: Pork chop w/dressing & 1 veg.	3.10
Entree: Italian sausage w/peppers & onions & 1/veg.	3.10
Fitness: Fried catch of the day w/1 veg.	3.10
Carvery: Hot roast beef sandwich	2.85
Grill: Chicken cutlet w/cheese & bacon	2.95
SPICE: Bread bonanza	

Wednesday, October 3

Soup: Cream of chicken	.75/.95
Entree: Quiche Lorraine w/1 veg.	3.10
Entree: Chef's choice w/1 veg.	3.10
Fitness: Oven broiled fish Italienne w/1 veg.	3.10
Carvery: Hot Black Forest ham	2.85
Grill: Grilled cheese	1.45
SPICE: Soups with pasta	

Thursday, October 4

Soup: Cream of broccoli	.75/.95
Entree: Southern-fried chicken w/1 veg.	3.10
Entree: California pizza w/1 veg.	3.10
Fitness: Chef's choice w/1 veg.	3.10
Carvery: Hot corned beef sandwich	2.85
Grill: Grill choice	2.65
SPICE: Double ten day	

Friday, October 5

Soup: Minestrone	.75/.95
Entree: Sweet & sour pork over rice	3.10
Entree: Baked macaroni & cheese w/1 veg.	3.10
Fitness: Fisherman's platter w/1 veg.	3.10
Carvery: Hot turkey sandwich	2.85
Grill: Tuna melt	2.85
SPICE: Chili cook-off	

Breakfast w/coffee, 7:30 - 10:30 a.m. 2.65

Mon.: 2 eggs, bacon & pancakes
Tue.: Western omelet, French fries, toast
Wed.: Spanish omelet, home fries, toast
Thu.: 2 eggs, bacon, cheese on croissant, fries
Fri.: French toast, 2 eggs, bacon, home fries

Volleyball Meeting

The second Volleyball League captains' meeting will be held on Wednesday, October 3, at noon, in Room 300 of Chemistry, Bldg. 555, on the third floor. Local rules and the constitution will be discussed and voted on. Captains or team representatives must attend.

Archery Club

The Archery Club will hold its monthly meeting on Thursday, October 4, at noon, in the seminar room lounge of Physics, Bldg. 510. The upcoming tournament will be discussed. New members are welcome. For information, contact Bill Schoenig, Ext. 2377.

Islanders Tickets On Sale Next Week

Tickets for the New York Islanders' regular 1990-1991 hockey season will go on sale at the BERA Sales Office in Berkner Hall on Tuesday, October 2, at 8 a.m. BERA's four seats for the home games at Nassau Coliseum are located in Section 321A. Tickets are priced at a special reduced rate.

The following limitations apply to ticket purchases:

- Tickets will be sold only in pairs.
- During the initial sale, tickets for Islanders vs. Rangers games will be limited to two tickets per employee per game.
- The BERA Sales Office will not give any refunds or make any ticket exchanges after a sale is completed.

If the Islanders move into the NHL playoff and championship games next spring, only those employees who supported the BERA ticket-service program during the regular season will be eligible for entry in a drawing for home-game tickets.

The Islanders home schedule is:

October			**January**		
Sat.	13	Pittsburgh	Thu.	3	Los Angeles
Tue.	16	Winnipeg	Sat.	5	Philadelphia
Sat.	20	Buffalo	Tue.	8	Minnesota
Tue.	23	New Jersey	Sat.	12	Detroit
Sat.	27	Philadelphia	Tue.	15	Boston
Tue.	30	Los Angeles	Thu.	17	Edmonton
November			Tue.	22	NY Rangers
Sat.	3	Washington	Thu.	31	Washington
Tue.	6	Toronto	**February**		
Sat.	10	Calgary	Sat.	2	Montreal**
Thu.	22	Winnipeg	Sun.	3	Hartford**
Sat.	24	NY Rangers*	Tue.	12	Minnesota
Tue.	27	Philadelphia	Sat.	16	Pittsburgh
December			Sat.	23	Philadelphia
Sat.	1	Washington	Tue.	26	Buffalo
Tue.	4	Vancouver	**March**		
Tue.	11	New Jersey	Tue.	5	New Jersey
Tue.	18	Toronto	Sat.	9	NY Rangers**
Thu.	20	Hartford	Sun.	10	Pittsburgh**
Sat.	22	Pittsburgh	Thu.	21	Washington
Sat.	29	Chicago	Sat.	23	St. Louis
Mon.	31	Quebec*	Sat.	30	Boston

All games are 7:35 p.m., except *2:05 and **5:05 p.m.

Hospitality News

Art teacher Susan Chrien will be guest speaker at the next Hospitality Committee get-together on Tuesday, October 2, at 9:30 a.m., in the Brookhaven Center.

Chrien holds a bachelor of fine arts degree from the Cleveland Institute of Art and a master's in art history from Kent State University. A resident of Bellport, she will discuss some of the cultural programs offered by the Town of Brookhaven. She also will demonstrate the art of painting with watercolors.

Please join us for this interesting presentation. Spouses of employees and guests are welcome. Refreshments will be served, and babysitting will be provided free of charge.

BROOKHAVEN BULLETIN

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Adult Swim Lessons

Adult swimming lessons will be given for beginners and intermediates beginning Wednesday, October 3. The cost will be $25 for eight lessons on consecutive Wednesdays from 5:15 to 6:15 p.m. Registration will be at the pool on October 3.

Bowling

Red/Green League

T. Prach had a 235, W. Kristiansen 215, K. Asselta 210, A. Warkentien 208/200, E. Sperry IV 204, S. DiMaiuta 201.

White League

Ed Sperry had a 222, Victoria Goldsborough 214, Ken Riker 203, Ed Beadle 201, Debbie Keating 191.

Purple League

Ed Sperry IV had a 218, Elaine Zukowski 216, Gail Schuman 212, Pat Manzella 192, Alice Belmonte 191, Mary Scheidet 189, Marilyn Picinich 184.

Arrivals & Departures

Arrivals

Sharon L. Baxter.....App. Science
John B. Bloom.....Reactor
James C. Booth.....AGS
Seymour Holtzman.....App. Science
Frederick T. Horn.....S&EP
Dewey L. Lederle.....Reactor
Zhengquan Tan.....App. Science
William J. Willis.....Director's Ofc.
Keith L. Zeno.....AGS

Departures

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

Leszek J. Klimczak.....Biology
James F. McCabe.....Safeguards & Sec.
Arthur W. Wernersbach Jr......ADD

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.

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

LABORATORY RECRUITMENT - Opportunities for Laboratory employees only.

4330. SECRETARIAL/ADMINISTRATIVE POSITION - Requires AAS in related field or equivalent, a strong background in PCs and PC-based application packages, and excellent secretarial and communication skills. Will provide secretarial, administrative and computer support to Safety Section Training and Records Manager. Responsibilities will include entering and extracting information from commercial data base programs, generating reports and maintaining safety training records. Alternating Gradient Synchrotron Department.

4331. SECRETARIAL POSITION - Requires AAS in secretarial science or equivalent and a thorough knowledge of Laboratory policies, as well as excellent communication skills and demonstrated interpersonal skills. Previous word-processing experience required; previous IBM/PC experience preferred. Familiarity with IPAP/JCARS helpful. Responsibilities will include arranging both foreign and domestic travel, preparing correspondence for Department Safety Officer, distributing mail and providing general secretarial support. Alternating Gradient Synchrotron Department.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside applicants.

4332. ENGINEERING POSITION - Requires BS in health physics, nuclear engineering, physics or equivalent. An advanced degree and ABHP certification preferred. Work involves research facility review for radiation protection concerns. Will assist in resolution of radiation safety questions and program development. Knowledge of neutron dosimetry and computers is desired. Must be able to obtain and maintain a security clearance. Safety & Environmental Protection Division.

Motor Vehicles & Supplies

89 ACURA INTEGRA RS - 5-spd., ac, removeable am/fm cass., extended warranty, 23k mi., asking $10,300. Ext. 3432.

89 CAVALIER - 11k mi., ac, cruise, p/s, am/fm cass., excel. cond., must sell, $8,200 or take payments. John, 563-9223.

88 YAMAHA XT 350 MOTORCYCLE - dual purpose, 3k mi., mint cond., $1,450. Rich, Ext. 3354 or 589-9103.

88 HONDA ACCORD LXI - 44-dr., champagne, 52k mi., p/sunroof, loaded, excel. cond., $9,200. Don or Sue, 473-6570 after 7 p.m.

88 FORD ESCORT EXP - 32k mi., white/blue, am/fm cass., p/b, p/s, tilt, cruise, 3 new radials, $6,500. 744-0093 eves.

88 PONTIAC LEMANS - 4-dr., 42k mi., am/fm, ac, 6-yr./60k mi. warranty, m/t, 35-40 mpg. Bernard, Ext. 2694 or 345-3579.

87 PONTIAC BONNEVILLE - 53k mi., ac, full power, sunroof, am/fm cass. stereo, new radials, wire wheels, $8,500. 331-4447.

87 JAGUAR VANDEN PLAS - 13k mi., champagne, p/sunroof, leather, excel. cond. Ronnie, 878-2073.

87 NISSAN MAXIMA - fully equipped. $9,000. Bob, Ext. 7785.

87 BMW 325A - black, sunroof, 41k mi., a/t, snow tires, $13,000. Warren, Ext. 4939 or 924-7552.

86 MERCURY GRAND MARQUIS LS - full power, cruise, loaded, excel. cond., $7,800. 821-0695.

86 DODGE VISTA - 7-pass. wagon, ac, a/t, p/s, p/b, am/fm cass., new tires & exhaust, silver, mint cond., $5,500. Louis, Ext. 7609.

86 TROOPER LX - 5-spd., o/d, p/s, p/b, ac, 4-speaker, am/fm cass. radio, 2-dr., running boards, $6,900. Jack, Ext. 5611/5569 or 928-9698.

86 BUICK CENTURY - custom, 4-dr., a/t, ac, 74k mi., loaded, mint cond., looks great, runs well, $4,150. Ext. 5240 or 821-6321.

86 PLYMOUTH VOYAGER LE - 7-pass., loaded, new tires, good cond., $6,850. Camille, 325-1756.

86 CHRYSLER FIFTH AVENUE - silver, 68k mi., new tires, all power, ac, extras, electric sunroof, immac., $6,500. John, 878-4414.

86 CHEVY SPECTRUM - 4-dr., 5-spd., ac, runs well, 30 mpg, asking $2,800. Carter, Ext. 2075 or 654-1471.

85 TOYOTA - extra cab, 35" Mickey Thompson, 6" lift, custom pin stripes, & bumper, low mi., must see, best offer. George, 325-2120.

85 MERCURY COUGAR - 55k mi., 6-cyl., a/t, ac, am/fm cass., orig. owner, extended warr., car phone, excel. cond., $4,750. Ext. 2679 or 472-6922.

85 BLAZER S-10 - 65k mi., V-6, a/t, ac, excel. cond. Ext. 2011 or 744-6130 eves.

85 CHEVY CAPRICE CLASSIC - 9-pass., 81k mi., V-8, a/t, ac, p/s, p/b, p/w, am/fm, roof rack, excel. cond., rust free, $4,000. John, Ext. 4510.

85 CHRYSLER TURBO LASER - 5-spd., new turbo, front & rear brakes, excel. cond., $2,500. Vito, Ext. 5385 or 243-2743.

84 MERCURY GRAND MARQUIS - 8-cyl., 4-dr., full power, am/fm stereo cass., clean, non-smokers. Roy, Ext. 2384 or 722-8736.

84 TOYOTA - w/350 Chevy engine, convertible, removeable doors, 9" rear, 350 trans., 15" lift dual shocks, more. George, 325-2120.

82 NISSAN MAXIMA WAGON - 70k mi., new exhaust, brakes, tires, runs well, dependable, $1,450 or best offer. Ron, Ext. 2214.

82 PONTIAC GRAN PRIX - ac, p/w, 6-cyl., $1,800. Bert, Ext. 5156 or 581-4436.

82 CADILLAC FLEETWOOD - triple, white, 73k mi., perfect cond. in/out, $4,500 or best offer. Richard, Ext. 3464.

82 SUBARU WAGON - 4wd, $1,400. Ext. 7130 or 929-8323.

82 BUICK CENTURY - 62k mi., 4-dr., am/fm stereo, excel. cond., $2,200. Bart, Ext. 4446 or 924-6761.

81 AMC CONCORD - 4-dr. s/w, recently tuned, new brakes, runs well, 75k mi., make offer. Dorry or Linc, 286-8689.

80 GMC PICKUP - shortbed, 6-cyl., 3-spd., v.g. cond., $2,400. Ext. 7686 or 874-2789.

80 CHEVY MALIBU - 4-dr., p/s, p/b, a/t, V-8, small 267, blue/blue, gauges, all factory, orig. owner, garaged, like new. Al, Ext. 3992 or 331-1003 eves.

80 FORD F250 4x4 PICKUP - 33" tires, engine runs well, 3" lift kit, new brakes & trans., cap, toolbox, 4 extra tires. 475-9452.

80 EAGLE WAGON - 6-cyl., a/t, 4wd, stereo, am/fm cass., $700 as is. Bob, Ext. 2088.

79 DATSUN KING CAB PICKUP - 5-spd., not running, free, you tow away. John, Ext. 3302 or 924-0651.

79 SAAB 99 - ac, am/fm, in good mech. cond., new tires, exhaust system, $2,000. 473-3604.

79 OLDS CUTLASS - s/w, 8-cyl., p/b, p/s, ac, am/fm, new a/t, body good, well maint., $500. Tony, Ext. 5508.

78 PLYMOUTH VOLARE - 129.6k mi., runs well, new muffler, $400. Yann, Ext. 2694.

78 MERCEDES BENZ - '86 engine, a/t, p/s, am/fm radio etc., EPA up to 30 mpg, excel. in, some rust out, very reliable, $2,000. Joe, Ext. 5477.

77 CHEVY MONZA 2+2 - factory V-8 pkg., deluxe int., runs well, body & int. like new, $2,200. 924-0310.

74 DODGE SWINGER MOTOR HOME - 38k orig. mi., sleeps 6, completely self-cont., ac, stereo, CB, like new cond., ask. $8,900. 473-1456.

73 VW KARMANN GHIA - restored, 90% complete, absolutely no rust, mech. sound, $1,750. Ali, 286-8563 or 286-3917.

73 MERCEDES BENZ - Ext. 3563.

Boats & Marine Supplies

25' SEIDELMAN - cruising equipped, ib. diesel, steel cradle, VHF, D.S., K-log, $12,000. Jim, Ext. 4584.

25' BERTRAM - twin 235 OMC, sea drives, low hr., trailer, $17,500 Bob, Ext. 4434.

25' RINKER FIESTA V - 1989, hot water, stove, full canvas, VHF, aft cabin, many extras, $22,000. Harvey or Jeanne, 395-1078.

23' SUNRUNNER - 1985, 22-h.p. Volvo, aft cabin, sleeps 4, standup head w/shower, kit. w/stove, dockside power, more. Richy, 696-7114.

22' CATALINA SAILBOAT - 3 sails, motor, trailer, asking $3,999. Steele, Ext. 3496 or 929-8912 eves.

20' FIBRE - i/o, Volvo Penta Ford, not in boat, $600. Ken, 395-6235.

14' ALUMINUM BOAT - w/motor, trailer & equipment, like new. 289-5134.

ALUMINUM JON BOAT - or pram, small, excel. cond., reas. price. Tom, Ext. 3965 or 878-8066.

Furnishings & Appliances

DINING ROOM SET - Colonial, heavy, dark pine, $200. Ext. 2888 or 286-0422.

ENTERTAINMENT CENTER - $50; table floor lamp, wood, $50. Anne, Ext. 2696 or 345-3579.

FREEZER - 14.8 cu. ft., upright, $150. 286-2274.

WATER BED - single, framing & hardware, w/heating element, v.g. cond., $100. Tirre, Ext. 3288 or 281-0360 after 6 p.m.

DINING ROOM TABLE - MLU, oak, parquet, 4 oak Windsor chairs, excel. cond., $725; matching coffee & end table, $250. 924-3082.

TABLE - 48"x72", 4 chairs. 744-6962 eves.

SOFA - chairs, 2 end tables w/matching lamp, coffee table, TV unit, all matching set, $300/all. 698-5762 after 6 p.m.

DRY SINK - custom-made, pine, $100. 286-0795.

LOFT BED - shelves, chest, desk, 1 piece, excel. cond. 261-5290.

VACUUM - Hoover, like new, $50; Necchi sewing machine, $50; antique mirror, $50; over-the-door shoe rack, $5. Tim, Ext. 7238.

DINING ROOM SET - large unique hutch, corner hutch, oval table, 6 ladder-back chairs, dark pine, excel. cond., $900/all. 878-4265.

REFRIGERATOR - GE, frost-free, 15.6 cu. ft., excel. cond., $150; GE washing machine, full-size, white, like new, $100. 289-7902, leave message.

MARBLE TABLES - 2, coffee & end, excel. cond., $100/ea. Anne, 732-9366.

Tools, House & Garden

BAKER TREE STAND - hand climber, seat, used 3 times, orig. $115+, ask. $45 firm. Hank, Ext. 7828.

LAWN TRACTOR - Sears LT/8, runs well, 36" cut, double blade, headlights, 3-spd. manual, asking $350. Ed, Ext. 7649.

WHITE PINES - 1' to 4', nursery grown, you dig, $2/foot. John, 744-5867.

HALOGEN LIGHT - very powerful, good for dining or drawing room, $120. Yann, Ext. 2696.

TOPSOIL - fine-screened, 3 yard minimum delivered. 696-6011, leave message.

Sports, Hobbies & Pets

BICYCLES - boy's 26", 3-spd., $20; girl's 27", 10-spd., excel. cond., $50. 286-1097.

BICYCLE - JC Penny, 10-spd., 26", good cond., $40; Ping-Pong table, folding, almost new, $45; ¾-size guitar, best offer. 744-7338.

BIKE - Cannondale SR500, 58cm frame, Shimano 105 components, Avocet computer, helmet, Zefal pump, extras, $325. Bill, Ext. 2377 or 698-1971.

SKIS - Hart, 170, new Tyrolia bindings, recently tuned & waxed, asking $70; ski boots, size 9½, $35. 724-7758.

SKIS - used 3 seasons, 160cm, Olin 771 w/Marker M36 twin cam bindings, good cond., asking $100. Sharon, Ext. 7140.

HAMSTER CAGE - habitat style, w/numerous access., wood chips, food & 1 hamster, $20. Rich, Ext. 7013 or 698-5294 after 6 p.m.

ELECTRIC GUITAR - Ovation Ultra acoustic, $275; Music-Man RD110 guitar amplifier, 50W, $250, prices neg. Matt, 696-2785.

PIANO - Hardman, baby grand, 5'2". 744-7981.

WEIGHTS - sand, 250 lbs., 5 bars, 2 dumbbells, straight curl, tricep, $75. Darren, 325-0563.

FISH POND - 8', fiberglass, waterfall, 14 fish, pumps, filter, more, must see. 286-0795.

PING-PONG TABLE - 5'x9', w/net & paddles, $100. Ken, Ext. 5110.

HOCKEY SKATES - 2 pairs, size 9½, $3/pair. Dave, Ext. 5460.

ROTTWEILERS - AKC, champion breed, born Sept. 3. Chris, 654-1146.

Audio, Video & Computer

COMPUTER - IBM PC, 1.5 mb, math chip, Everex card, mono/CGA/Hercules, Zenith monitor, Windows software, $600. Judy, 997-4544 eves.

SPEAKERS - Exponential Horns, $100/pair. Biemer, Ext. 2543.

STEREO AMPLIFIER - Hitachi HA4500, 60+60W, excel. cond., $50. Tony, Ext. 5508.

COMPUTER - XT, 1m ram, 30M HD, math coproc., two 5¼ drives w/monitor, $775; EGA color package, $225; w/above $975. Rohrig, 744-7981.

CASSETTE PLAYER - Sound Design, plays well, $25. 472-3254.

TV - RCA, 20", almost new; microwave oven. 585-2095.

COLOR TV - RCA, 14", excel. cond., $90; monitor, like new, $40; portable stereo w/2 cass., high spd. dubbing, $120. Chris, Ext. 3723 or 3200.

COLOR TV - Sharp, 20", good cond., $120. Yann, Ext. 2694.

POWER AMPS - Tecknics #SE-A5MK2, 150W per channel, never used, list $1,200, $750 or best offer. Al, Ext. 3992 or 331-1003.

Miscellaneous

ENGAGEMENT RING - ½-carat diamond solitaire, 14k yellow gold, appraised at $1,175, asking $800. Frank, Ext. 5120.

TICKETS - 2, Westbury Music Fair, Oct. 4, Ronnie Millsap, Desert Rose Band & Forrester Sisters, $18/ea. Sheldon Martin, Ext. 3499 or 473-1732.

CRIB - folding type, apartment size, w/net for top, v.g. cond., $20. Ext. 2582.

BABY CARRIAGE - navy blue crushed velvet, white spoke wheels, excel. cond., $50. Ext. 2350.

Free

BLOCKS - cement, for patio, cesspool, etc.; cut wood from felled oak trees, you pick up. Matt, Ext. 4216.

DWARF FRUIT TREES - apple, pear, peach, and plum, you dig in Selden. Rich, Ext. 7013 or 698-5294 after 6 p.m.

HAMSTERS - 2, with cage. 736-2575.

HAMSTER - Rich, Ext. 7013 or 698-5294 after 6 p.m.

STOVE - double oven, electric. 654-4880.

Yard & Garage Sales

MEDFORD - Sept. 29-30, 8 a.m.-4 p.m., old 2 new, there's something 4 U, 15 Torreypine Lane, off Jamaica Ave. 654-2617

MEDFORD - Sat., Sept. 29, 9-4 p.m., tupperware, toys, clothes & misc., 207 Inwood Ave., off Rte. 112. 654-3358

RIDGE - Sept. 30, 10-4 p.m., house, garage, fishing, furniture items, 23 Seneca Trail. D. Wilson, Ext. 7518.

SELDEN - Sat., Sept. 29, 10-4 p.m., 12-family, 58 Pennaquid Road, follow signs off Old Town Rd. 744-0960.

Lost & Found

FOUND - female cat, black & gray tabby, very friendly & healthy, found on site, Rosemary, Ext. 3005 after 5 p.m.

FOUND - softball glove & jacket on Sat., Sept 8. Andrea, Ext. 4424.

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

BELLPORT - 3-room apt., $650/mo. includes all utilities & cable. 286-8916 after 8 p.m.

BROOKHAVEN HAMLET - top floor apt., l/r, bdrm., eik, full bath, priv. ent., just painted, w/w, walk to water, new appl., next to wildlife refuge, $650/mo. incl. util. Linc or Dorry, 286-8689.

CALVERTON - 2-bdrm. townhouse, 1½ baths, w/w, patio, deck, 5 appliances. Henry, Ext. 3563.

CENTER MORICHES - 2-bdrm. apt., newly decorated, priv. ent., large l/r, 15 min. to Lab, cable, separate heat zone, $700/mo. incl. all. George, Ext. 5288 or 878-8177.

CORAM - large 1-bdrm. apt. in desired complex, tennis, pool, clubhouse, ac, $700/mo. incl. heat & water. Joe, 698-8623, call late or leave message.

EAST PATCHOGUE - 3-bdrm. house, 1 wooded acre, walk to Bellport Village, 20 min. from Lab, furnished, Bellport School District, $900/mo., avail. Aug. 1991 for one year. Vera, 286-3903.

HOLBROOK - 1-bdrm. house and grounds, one floor, no steps, private, fee & utilities neg., no pets. Fred, Ext. 7947 or 588-2268.

MATTITUCK - 1-bdrm. apt., quiet wooded area, near water, full bath, large l/r & closets, kitchenette, priv. ent., nonsmoker, $450/mo. pays all. 298-9560.

MASTIC BEACH - 2-bdrm. house, furn., fp, fenced yard, 15 min. from Lab, $780/mo. 212-777-3449.

MEDFORD - 1-bdrm. apt., kit., l/r, bath, sundeck, priv. ent., nonsmoker, no pets, working couple, occupancy Oct. 2, $700/mo. includes all. + util. 475-7250.

N. SHIRLEY - 1-bdrm. apt., sep. ent., quiet neighborhood, 5 mi. from Lab., utility & cable included, $550/mo., single, or $600/mo. couple. Drue, Ext. 2290 or 286-8543.

PATCHOGUE VILLAGE - 2-family house, both one bdrm. apts., both ground floor, sep. ent., just renovated, new tile & carpeted floors, avail. Nov. 1, $600/mo. + util. 289-7902.

RIDGE - furn. studio apt., w/w, kitchen, bath, priv. ent. & fenced-in yard, 5 min. from Lab., non-smoker, $490/mo. incl. all. 744-8632.

ROCKY POINT - priv. house, l/r, bdrm., kitchen, bath, 15 min. from Lab., single preferred, $400/mo. + util. Ext. 2110.

ROCKY POINT - 3 bdrm., eik, laundry, fenced yard, new carpets, paint, $800/mo., avail. Oct. 1. Don or Sue, 473-6570 after 7 p.m.

SHIRLEY - 3-rm. apt., $450/mo., responsible. 399-0969.

SHIRLEY - 1-bdrm. apt., l/r, eik, full bath, w/w, single working adult, no pets, $575/mo. incl. util., + 1 mo. sec., avail. Oct. 1. 281-1840 after 6 p.m.

SOUND BEACH - 2 bdrm., eik, bath, carpet, hard wood floors, fenced yard, bsmt., laundry, quiet neighborhood, $700/mo., avail. Nov. 1. Don or Sue, 473-6570 after 7 p.m.

SOUND BEACH - efficient 2-bdrm. house, near Sound, quiet neighborhood, cathedral ceilings, skylights, loft, storage shed, $775/mo. + 1 mo. sec. & util., no pets. Erik, Ext. 4603 or 929-6945.

SOUND BEACH - 4-room apt., 2-car driveway, fenced, $650/mo. includes cable & util. + sec. Frank, 744-6014, leave message.

STONY BROOK - 3-bdrm. ranch, 2 baths, fam. rm., l/r, d/r, gar., 3-V Schools, 2 mi. to SUNY & Smithhaven Mall. Feng, Ext. 2683 or 751-2469 eves.

HILTON HEAD, SC - 2-bdrm. condo, sleeps 6, 2 baths, tennis, golf, beach, pool, Oct. $425/wk., Nov. & Dec. $300/wk. 689-5378.

For Sale

BROOKHAVEN HAMLET - 4-bdrm. Cape Cod, 2 baths, d/r, l/r, eik, 2-car gar., 20' deck, patio, more, close to bay, ¾ acre, red. to $219,000. Ext. 7108 or 286-0271 eves, or Carl, 214-708-2058.

CORAM - Strathmore East, 4-bdrm. ranch, 2 baths, cathedral l/r, 2-car gar., gas heat, fenced corner lot, $120,000. 928-7154 after 7 p.m.

EAST HAMPTON - mobile home village, 1982 Redmond Mobile home, 14'x56', 2 bdrm., 1 bath, family park, all appl., shed, excel. cond. John, 324-0220 after 6 p.m.

EAST ISLIP - 2-bdrm. co-op, l/r, d/r, w/w, carpet, 2 ac's new Euro kit. w/new appl., 2-sink bath, walk to LIRR, stores, 22 mi. to Lab, ask. $94,000. Sharon, 581-5191.

EASTPORT-WESTHAMPTON - 3-bdrm. ranch, 2 baths, fam. rm., deck, 1½ car gar., quiet loc., ask. $145,000. Artie, Ext. 4988 or 325-0743.

MATTITUCK - 2-bdrm. ranch, l/r, d/r, bsmt., & gar., deck, walk to beach, near marina, $162,000. Dave, Ext. 5460.

MIDDLE ISLAND - 3-bdrm. condo, all appl., 2½ baths, ac, fenced patio, pool, tennis, $99,500 sale, or $850/mo. rent. Ext. 3922 or 878-2604 eves.

RIDGE/SCENIC HILLS - 4-bdrm. Colonial, 2½ baths, eik, d/r, l/r, w/w, gar., deck, ½ acre, min. to Lab, $132,000. 924-7520.

RIDGE - 3-bdrm. townhouse, 1½ baths, cac, w/w, all appl., upstairs newly carpeted, encl. redwood patio, storage rm., low monthly maint., 5 min. to Lab, red. to $90,000, neg. Mary, 924-4328.

RIDGE - 4-bdrm., 2 bath home on nice secluded street, 2 blocks from lake, $9,000 down, $115,900 Ext. 7518 or 929-3195 eves.

SETAUKET - custom 3-4 bdrm., separate d/r, patio, 2 baths, 2-car gar., beach rights, red. to $229,000. 473-4666.

SETAUKET - 4-bdrm. Colonial, 2½ baths, eik, d/r, fam. rm., fp, 2-car gar., 3VSD, N. of 25A, ⅔ acre wooded, $205,000. Vicki, 744-8765 after 6 p.m.

SHOREHAM - 4-bdrm. Colonial, 2½ baths, ⅓ acre, 2,000 sq. ft., 2-car gar., energy efficient, fenced, low taxes, SWR schools, close to schools & shopping, $165,000. Rich, 744-0960.

SHOREHAM - 3-4 bdrm. ranch, 2½ baths, fin. bsmnt., stone front, eik, l/r, d/r, 2 fam. rm., SWR schools, low taxes, $159,500. 744-7981.

YAPHANK - Colonial Woods, 3-bdrm. condo, 2½ baths, fin. bsmnt., wood floors, ac, 5 min. to Lab, owner relocating, $105,000. 924-1804.

YAPHANK - 2-bdrm. condo, 1½ baths, l/r, d/r, gar., fp, fully carpeted, 5 appl., full fin. bsmt., pool, tennis, ask. $107,000. D. Bartolomeo, Ext. 3954.

TOBYHANNA, PA - 3-bdrm. house, 2 baths, fam. rm., gar., Pocono Country Place, maint. free, 24-hr. sec., pool, tennis, clubhouse, lake, part of community, near all, $99,990, neg. 471-2370.

BROMLEY, VT - 3-bdrm. Village Condo, loft, 2½ baths, w/d, fp, turnkey furnished, tennis, pool, walk to slopes, $205,000, winter rental or option. 518-747-7821.

Wanted

CHEST OF DRAWERS - in good cond., reasonable price. 727-0661 after 4 p.m.

BOY SCOUT RED BERET - for 12-yr. old scout. Pat, Ext. 2531 or 727-0547 after 3 p.m.

BABY-SITTER - mature, reliable teenager for occasional Fri./Sat. eves., Pt. Jeff. area. Nancy, Ext. 7996 or 473-7830.

TIRES - good cond., 16580R13. Ralph, Ext. 4171.

HOUSEMATE - share 3-bdrm. house, E. Setauket, large room w/fp, priv. ent., gar., w/d, $395/mo. + ⅓ util. Joe, Ext. 2215 or Joe or Chris, 689-7719.

HOUSEMATE - share house in Ridge, 3 mi. to Lab, $270/mo. + ¼ util. Mike, Ext. 2671 or 924-2865.

TOYS - Hess Christmas trucks & Tonkas that have to be fixed up, old car mags like, *Custom Rodder* and *Rod & Custom*. 588-9459.

LESBIANS & GAY MEN - to get together and socialize, Wed. Oct. 3, after work. Call for on-site location, 758-0930.

NORDICTRACK - model 505, Pro or Achiever, original. 283-0475 after 5 p.m.

MASON JARS - 1 qt., for canning, 20¢ ea. Esta, 281-4008.

TUTOR - for Accounting II Dowling student. 724-7758.

TRAILER - for 21-22' power boat, good cond. reasonable, Ext. 2168 or 744-4948.

AUDIO COMPONENTS - tubed, working or not, by Macintosh, Marantz, ARC. Jim, Ext. 4584.

PIANO - used, for 9-yr.-old. 345-3778.

BICYCLE - mountain or 12-spd. for 5'10" male teenager, used, good quality, good cond. Ext. 7657 or 298-9560.

A Special Plea

Alisha Beth Sussman will celebrate her sixth birthday on October 3, and, if you have O-type blood, you can give her a very special birthday present.

Alisha is the daughter of Mitchell Sussman, Safety & Environmental Protection Division, and she has leukemia.

With the help of medication, Alisha's disease is now in remission. But while fighting the leukemic cells, the medication also kills off good blood cells — so Alisha has an ongoing need for blood transfusions.

If you have O-type blood — positive or negative — and would be willing to donate whole blood or platelets for Alisha, please call her father at Ext. 4212. Donations must be made at Long Island Jewish Medical Center in New Hyde Park, but Sussman is trying to make it easier for donors by arranging car pools.

In Appreciation

I would like to thank all our friends for their sympathy and support on the loss of my husband Ed. — Caryl MacDougall

Ads left out of this issue due to lack of space need not be resubmitted to appear in the next issue.