BROOKHAVEN BULLETIN
Volume 34 - Number 18 / May 2, 1980
BROOKHAVEN NATIONAL LABORATORY

At the first morning session of the Sixth International Conference on Experimental Meson Spectroscopy, Blair Ratcliff (SLAC) spoke about New Results on Strange-meson Systems from LASS.
—photos by Humphrey

All About Mesons

Over 200 experimental and theoretical physicists from the U.S. and the international scientific community came to Brookhaven April 25-26 to attend the Sixth International Conference on Experimental Meson Spectroscopy. The presentations featured the latest experimental results in meson spectroscopy and their theoretical interpretation.

The known mesons are very short-lived particles made up of a quark – the basic building block of nuclear matter – and an anti-matter quark. The combination allows complete symmetry between matter and anti-matter. This symmetry property makes them the most important tools in searching for new quarks and the dynamical interactions of quarks.

During a break in proceedings, S.J. Lindenbaum, chairman of the Organizing Committee, discusses a point with Robert Jaffe (MIT) who chaired the second morning session.

Just as in atomic and nuclear spectroscopy, studying the characteristics of the production and decay of mesonic excited states reveals the basic quark structure of the mesons and the properties of the very strong elastic chains which bind them together, the so-called gluons. The energies involved in these interactions are enormous compared to the usual man-made nuclear interactions.

The lifetime of the mesons is very short ranging from one hundred millionth of a second to a million billion times shorter than that. Therefore, huge particle accelerators and enormously complicated electronic and computerized meson spectrometers are required to study them. These include the Brookhaven proton AGS, the CERN proton PS and SPS, the Fermilab accelerator, the Stanford electron Linac and electron-proton colliding beam machine called SPEAR, the DESY (Hamburg) storage ring electron accelerators called DORIS and PETRA, and their detector systems.

Some of the exciting results presented at the Conference included reports on the latest experiments by various groups at PETRA, including the group headed by Prof. Sam Ting of the Massachusetts Institute of Technology. (Prof. Ting discovered the so-called J meson in 1974 at the Brookhaven AGS. This particle, also found independently at SLAC by Prof. Richter's group, is known as the J/ψ particle and was the original discovery of the charmed quark, anti-charmed quark meson state. Profs. Ting and Richter shared the 1976 Nobel Prize for their discoveries.)

Another quark called the bottom quark was discovered after the charmed quark to yield a total of five quarks. It was generally expected by theorists that a sixth quark, called "top," would be found at PETRA, which reached a total center-of-mass energy of close to 36 billion electron volts. None of the PETRA groups found any evidence for this quark, and hence many concluded that we may remain "topless."

Recently a great deal of excitement was generated by a discovery at the CERN Omega Spectrometer of a new form of meson which consists of at least two quark-antiquark pairs instead of the usual one. This type of meson was called "baryonium" which is analogous to a long sought quark molecule.

The large, more sensitive BNL Multiparticle Spectrometer at the AGS was recently used to search for baryonium by two groups. One of these, a BNL/CMU/SMU/FNAL collaboration, searched in a different but related reaction to that of the CERN group and reported the conclusion that the baryonium they expected to see on the basis of the CERN result did not exist. At this

(Continued on page 2)

Galbraith Here Next Week

John Kenneth Galbraith, prominent economist and author, will present his views on "Economics and the Politics of Moderation," at Berkner Hall on May 8. The lecture will begin at 8 p.m. A member of his staff says that in view of recent events in Iran, Dr. Galbraith is likely to emphasize the second half of his lecture title, more than the first.

Hughes Named AUI President

Robert E. Hughes, Professor of Chemistry at Cornell University and former Assistant Director of the National Science Foundation, has accepted the position of President of Associated Universities, Inc. (AUI), it has been announced by W. Donald Cooke, Chairman of AUI's Board of Trustees.

Dr. Hughes will join AUI on July 1, 1980, as President-Elect, and will become President on October 1, 1980. He succeeds Dr. Gerald F. Tape, who requested retirement from the full-time duties of President.

"We are extremely pleased that Dr. Hughes has accepted the position of President," said Dr. Cooke. "This appointment is the culmination of a national search begun by AUI in 1978. Dr. Hughes' distinguished scientific background, and his experience in helping to set national science policy, make him eminently well-qualified for this important position."

Robert E. Hughes

Hughes has had a distinguished career as a university professor and a government official. He has been a Professor of Chemistry at the University of Pennsylvania and at Cornell University. He served as Assistant Director of the National Science Foundation for Astronomical, Atmospheric, Earth and Ocean Sciences, and has assisted the government as a consulant. Most recently he has been associated with the Cornell program on Science, Technology and Society.

Robert E. Hughes was born in New York City in 1924. Following his military service, he attended Lehigh University, where he was awarded a B.S. in engineering chemistry in 1949. He received his PH.D. in chemistry from Cornell University in 1952 and continued as an Instructor in Chemistry for one year.

In 1953, Hughes joined the Chemistry Department of the University of Pennsylvania as Assistant Professor, rising later to the rank of full Professor. At Pennsylvania, he was one of the organizers of, and served on the Executive Committee of the Laboratory for Research on the Structure of Matter, a major interdisciplinary materials research laboratory supported by the Advanced Research Projects Agency.

Hughes returned to Cornell as Professor of Chemistry in 1964. He served as Director of the Cornell Materials Science Center from 1968 until 1974..

In 1974, President Ford appointed him Assistant Director for National and International Programs of the National Science Foundation (NSF). With the reorganization of NSF in 1975, he became Assistant Director for Astronomical, Atmospheric, Earth and Ocean Sciences, his primary responsibility until he returned to Cornell in January 1977. The National Science Board recognized his many contributions, noting that Dr. Hughes "...contributed immeasurably to the development and advancement of the National Science Foundation programs under his direction and to the welfare of science in the Nation..."

His research interests include X-ray crystallography, crystal and mo-

(Continued on page 2)

New Man At ISABELLE

ISABELLE is big production in every sense of the word. Making sure that thousands of components which will form the giant accelerator are of proper quality according to specifications is a major responsibility.

To oversee this task, Marvin Shear has recently joined the Accelerator Department as Quality Assurance Manager for ISABELLE. He will report directly to Project Head Jim Sanford.

Shear brings with him a great deal of experience in the field. For the past four years he directed quality assurance for Comtech Telecommunications Corp., and, before that, for ITT's Defense Communications Division. He was also Corporate Director of Product Assurance with the Kollsman Instrument Company. He holds a B.S. in statistics and math from CCNY, and an M.B.A. from New York University.

As Shear puts it, "quality assurance is the prevention, assessment, and correction, of problems that lead to non-conformance with design specifications." For ISABELLE, he will establish a system of controls to provide for consistent conformance with design requirements. In developing this system, he and his staff will become involved with all aspects of design, procurement, production and operational phases of ISABELLE.

Doug Humphrey

Marvin Shear

Speakers Bureau
April

William Graves (DEE), Longwood Senior Citizens, Controlling Energy Costs, April 7.

Melvin Levine (DNE), Port Jefferson Parents/Teachers/Students/Administrators Organization, Nuclear Power, April 9.

Marian Le Fevre (Med.), Beta Beta Beta Society of Southampton College, Intestinal Uptake of Particulate Matter: An UnexploredAspect of Pollution, April 15.

Rosemary Cohen (TID), **Betty Heldman** (Med.), **Frances Scheffel** (DNE), Susan B. Anthony Day at Selden Junior High School, Breaking Through Tradition, April 15.

Marcia Kipperman (Personnel), Career Day at Comsewogue High School, Careers at BNL, April 16.

Jack Fajer (DEE), St. Francis College Career Seminar, BNL-General, and Careers in Biology and Chemistry, April 17.

Babette Chenet (Bio.), **Claire Kochendorfer** (DEE), **Harriet Fadem** (Accel.), **Stephanie Lamontagne** (Accel.), Half Hollow Hills Career Day, Non-Traditional Professions for Women, April 17.

R.C. Anderson (DO), First Unitarian Church of Brooklyn, Nuclear Power as a Viable Energy Alternative, April 19.

Andrew Hull (S&EP), Center for Continuing Education of Mather Memorial and St. Charles Hospitals, The Potential Hazards of Medical Radiations in the Perspective of General Radiation and Other Health Risks, April 22.

R.C. Anderson (DO), Energy Awareness Institute Spring Workshop, History of Energy Use, April 20.

Vance Sailor (DEE), Community Action Club of Lindenhurst High School, Nuclear Power, April 29.

Hughes (Cont'd)

lecular structure, oligopeptide and antibiotic structures, boron and boride crystal chemistry, non-stoichiometric systems, and physical chemistry of macromolecules.

Hughes has served as a consultant to the research laboratories of a number of major industries, to the Science and Technology Policy Office and to the Director of the National Science Foundation.

He was a co-founder and an editor of the Journal of Solid State Chemistry, and an associate editor of Materials Science and Engineering. He has been on the editorial advisory boards of the Journal of Polymer Science and the Journal of Non-Metals.

Dr. Hughes and his wife Lou now reside in Ithaca, New York. They have one son, Jeffrey, who will be enrolling in graduate school at Stanford University.

Semester Students Win Awards

At a joint annual meeting of Beta Kappa Chi Scientific Honor Society, National Institute of Science, and the Brookhaven Semester Program, five students received awards for work accomplished at Brookhaven. They are: Allen Burks, Peter Harris, Michael Mann, Byron Tims, and Gary Walton.

These organizations have a common goal in promoting science and recognizing excellence among students from predominately black institutions.

Eleven students from the 1979-80 Brookhaven Semester Program attended the meeting in Little Rock Arkansas, April 9-12. A total of 46 undergraduate papers were presented in biology, chemistry, mathematics, physics and psychology.

Also in attendance were BNL staff representatives Renee Flack, Purushottam Kale, Glenn Price, Harvey Thomas and Gus Prince.

AUI Scholarships Awarded

Twelve children of Laboratory employees were awarded $1,500 per year in AUI Trustee Scholarships for up to four years. The winners were selected by an independent committee reporting to the College Scholarship Service which administers the program for AUI. The funds will be sent to the respective colleges to help defray the students' expenses for tuition, room and board. This year, 90 high school students applied to the scholarship program which was initiated 15 years ago.

The 1980 winners are:

Hannah Bloch

Daniel Chasman

Hannah Bloch, daughter of Fritz Bloch (retired), lives in Bellport. She is a student at Bellport High School, and plans to attend Williams or Harvard in the fall.

•

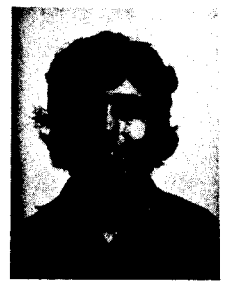
Daniel Chasman is the son of Chellis Chasman (Physics) and the late Renata Chasman (Accelerator). Upon graduation from Ward Melville High School, he will go to Harvard. He resides in Setauket.

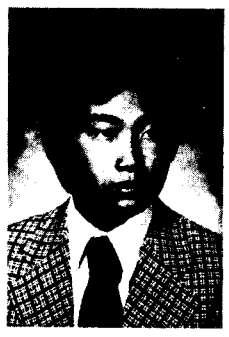
Andrew Durston is the son of Colin Durston (DNE) and is a resident of Mt. Sinai. A student at E.L. Vandermeulen High School, he will enter Cornell in September.

•

Simon Heller, son of Sidney Heller (App. Math.), is a student at Ward Melville High School. A resident of Stony Brook, he will attend SUNY at Stony Brook.

Andrew Durston


Simon Heller


Arthur Hsieh

Cathryn Kato

Arthur Hsieh is the son of Hank Hsieh (Accelerator). A resident of Ronkonkoma, he attends Connetquot High School and will be a freshman at Cornell.

•

Cathryn Kato is the daughter of Walter Kato (DNE). A resident of Port Jefferson, she attends E.L. Vandermeulen High School and will be attending Swarthmore College this fall.

Peter Meinhold, son of Charles Meinhold (S&EP), is a resident of South Haven. A student at Bellport High School, he will attend SUNY at Stony Brook.

•

Ann Olson is the daughter of John Olson (Bio.) and a resident of East Patchogue. The Patchogue-Medford High School student will attend Oberlin College this fall.

Peter Meinhold

Ann Olson

Judith Pearlstein

Philip Rose

Judith Pearlstein is the daughter of Sol Pearlstein (DNE). The E.L. Vandermeulen High School student, and Port Jefferson resident, is heading for Harvard this fall.

•

Philip Rose, son of Philip F. Rose (DNE), is a resident of South Setauket and student at Ward Melville High School. He will attend Michigan State.

Nathan Thompson is the son of Keith (Bio.) and Margaret H. Thompson (Bio.) of Bellport. The Bellport High School student will attend Tufts University.

•

Carl Tichler is the son of Paul (Reactor) and Joyce (DEE) Tichler. A resident of Patchogue, the Patchogue-Medford High School student will attend Yale this fall.

Nathan Thompson

Carl Tichler

In Memoriam

Thomas J. Lesniak, Accelerator Department, died in a motorcycle accident on April 28. He was 21 years old. Lesniak came to the Laboratory on March 26, 1979 and was a Senior Technician with the Experimental Area Operations Group. He is survived by his parents, Jan and Anna Lesniak, and a sister, Susan, who reside in Riverhead.

Enroll Now

The Upton Nursery School is a cooperative, non-profit school open to the children of BNL employees and visitors. Classes for 3 and 4 year old children are held mornings in the Recreation Building. Beginning today, information on the Nursery School and enrollment forms for the 1980-1981 session are available in the cafeteria, the bank, and the recreation building.

From E To EE

The Treasury Department is withdrawing series E savings bonds from sale and replacing them with series EE. Here are some of the differences between the old and new series:

- EE bonds mature in 11 years; the E's in 5 years.
- Interest rate is 6.5% for the EE; 6% for the E series.
- The $25 bond has been discontinued, but all other denominations are the same as for the E's.
- The cost of the EE is now 50% of face value, compared with 75% on the old series. This means that a $50 bond will now cost $25 instead of $37.50. The difference reflects the longer maturing period.

Although the change-over has been in effect since January 2, the Treasury Department has granted a six-month grace period to June 30, 1980 to make the switch. During this time Payroll will continue to apply bond deductions towards the purchase of series E up to the payroll periods ending June 22 for weekly and June 30 for monthly employees. Thereafter, all deductions will be applied to the purchase of the EE series.

In the next few days, employees who are currently enrolled in the bond savings plan will receive a new bond card and information pamphlet. Return the completed card to Payroll, Bldg. 134 at least two weeks before the applicable due date in June.

Employees who are not currently enrolled, but wish to sign up, should call Payroll at extension 2470 for the authorization forms.

Mesons (Cont'd)

conference, results of the second group, a BNL/Brandeis/CCNY/U. Mass/SMU collaboration, reported for the first time their search in the same reaction that CERN used and clearly contradicted the earlier claim for baryonium.

SLAC groups reported discovering the long sought partner to the J/ψ particle, the η_c, which has antiparallel quark spins instead of the parallel quark spins which the J/ψ has.

There was a great deal of clarification of overall meson spectroscopy both by reports of new results and their theoretical interpretation.

The concluding talk was presented by Prof. Sheldon Glashow of Harvard, who reviewed past and future meson spectroscopy. Prof. Glashow was one of the winners of the most recent Nobel Prize for Physics.

The chairman of the Organizing Committee was Prof. S.J. Lindenbaum of BNL and the City College of New York. He said that Brookhaven plans to organize and host the next International Conference on Experimental Meson Spectroscopy in about two years.

Phys. Rev. Moves

The Physical Review Editorial Offices have been relocated in a new building at 1 Research Road, Ridge, N.Y. 11961. It is on the William Floyd Parkway about ¾ mile north of the main entrance to the Laboratory. The Physical Review Letters Composition Facility will move to the same building the middle of May. They will continue to pick up their mail for several months at the Upton Post Office and intra-lab mail from the BNL Mail Room. Their new telephone number is (516) 924-5533.

BROOKHAVEN BULLETIN

Published weekly
for the employees of
BROOKHAVEN NATIONAL LABORATORY

BERNICE PETERSEN, Editor
MONA S. ROWE, Editorial Assistant

40 Brookhaven Ave., Upton, N.Y. 11973
Telephone (516) 345-2345

CARL R. THIEN, Public Relations Officer

Letters To The Editor

To the Editor,

On behalf of the clerical staff of Physical Review and Physical Review Letters, I wish to extend our thanks to the many groups that served our needs over the years. Our special thanks to the U.S. Post Office, BNL Mail Room, Telephone Room, Quick Copy Department, Plant Engineering, Supply and Materiel, and Staff Services. Sincere thanks to the following people for being readily available when we needed them, Fred Vandervoort, Charlie Lyons, Joe Hansen, Jack Laurie, Frank Norton, Walter Buckes, Lou Morris, Dorothy Abbott and Gerry Towey.

Carole Lilawski
Office Supervisor

A Lively Art

An unusual fashion show, featuring clothes and accessories from 1800 – 1930, will be presented at the Hospitality Committee's Tea and Sherry Party 3:30 – 5:30 p.m. on May 15 at the Brookhaven Center.

The costumes, jewelry, fans, and handbags to be shown are from the collection of Lesley Balazs de Teledg-Bacon, a fashion consultant who was collecting "one of a kind" long before the boutique became fashionable.

Mrs. Balazs says that her fashion philosophy could be described as "contemporary fashion with the antique connection." A fascination with changing fashions throughout the ages led her to become interested in the history of clothes and adornments. She centers her collection around costumes from Imperial China which she says are characterized by beautiful fabrics, exquisite craftsmanship, design, embroidery, and the use of vibrant color. Along with the showing of these costumes she will give a short history of embroidery, an art form in which she says women have excelled throughout the world.

The accessories she has collected span the 18th century through the 1930's and are from Europe, the Middle East and the Orient. Also to be shown will be lingerie from the Victorian era to the 1920's and a collection of antique shawls.

Mrs. Balazs' taste is eclectric and she goes abroad regularly to shop for unusual items. From her collection, she creates lively fashion shows which have become popular both in Europe and the United States.

Yard Sale

The Brookhaven OXFAM Committee, dedicated to the goal of raising $5,000 to aid Cambodian refugees, is organizing a garage sale in Setauket on May 31 and June 1. Those people who can donate items to be sold at the sale, should call one of the following: Linda Feierabend, Ext. 7660, Chip Balzer, Ext. 2256, or Bud Protter, Ext. 4423.

Hockey Tickets

If the Islanders keep on going as they have been during the preliminaries and quarter finals, there may be a chance for the team to make it to the top.

As all BNL hockey fans are aware-, a drawing was held before the preliminaries for tickets to the first seven home games. By next Tuesday night (May 6) it should be evident as to whether or not another drawing will be necessary for three more home games.

If the signal is "go," the drawing will take place at the BERA Sales Office at noon on Wednesday, May 7. Eligible contestants (those who bought tickets through BERA during the regular season) are invited to be on hand.

Hospitality News

A morning coffee will be held Monday, May 5, from 9:30 to 11:30 a.m., in the Brookhaven Center.

A demonstration by Satsuki Matsuzuru of a Japanese Tea Ceremony will be the theme of this get-together. Ikebona, the Japanese art of flower making and arranging, will also be featured. Samples of these floral arrangements will be displayed.

All wives of Laboratory employees are welcome. Please come and bring the children. Babysitting will be provided free of charge. It is suggested that you bring along a toy or two for your child to play with.

Volleyball

Open League

In the Division A All-Star game, the East Team narrowly defeated the West:

12–15 15-9 15-11 7-15 15-13

West:

T. Beck	D. Pilati
K. Chung	B. Quick
M. Dagg	W. Reams
R. Johnson	

East:

D. Litcher	J. Rowell
S. Munson	O. Singh
T. Petty	D. Weygand

Cafeteria Menu

Week Ending May 9, 1980

Monday, May 5		
Tomato vegetable soup	(cup)	.40
	(bowl)	.50
Cheese omelet & 1 veg		1.30
Spaghetti w/meatballs & garlic bread		1.40
Hot Deli – Pastrami	(bread)	1.40
	(roll)	1.50
Tuesday, May 6		
French onion soup	(cup)	.40
	(bowl)	.50
Macaroni & cheese w/1veg.		1.30
Meatloaf &hash browns		1.45
Hot Deli – Baked Virginia ham	(bread)	1.40
	(roll)	1.50
Wednesday, May 7		
Pepper-Pot soup w/spaetzle	(cup)	.45
	(bowl)	.55
Mexican goulash		1.40
Southern fried chicken w/corn fritters		1.45
Hot Deli – Veal patties & peppers hero	(bread)	1.35
	(roll)	1.45
Thursday, May 8		
Chicken gumbo soup	(cup)	.40
	(bowl)	.50
Roast fresh ham & 1 veg.		1.45
Eggplant parmigiana w/meat sauce		1.30
Hot Deli – Corned beef	(bread)	1.40
	(roll)	1.50
Friday, May 9		
Manhattan clam chowder	(cup)	.45
	(bowl)	.55
Sweet & sour fish & 1 veg.		1.45
Ham, rice, green bean casserole		1.40
Hot Deli – Italian meatball submarine	(bread)	1.40
	(roll)	1.50

BERA Theater Group

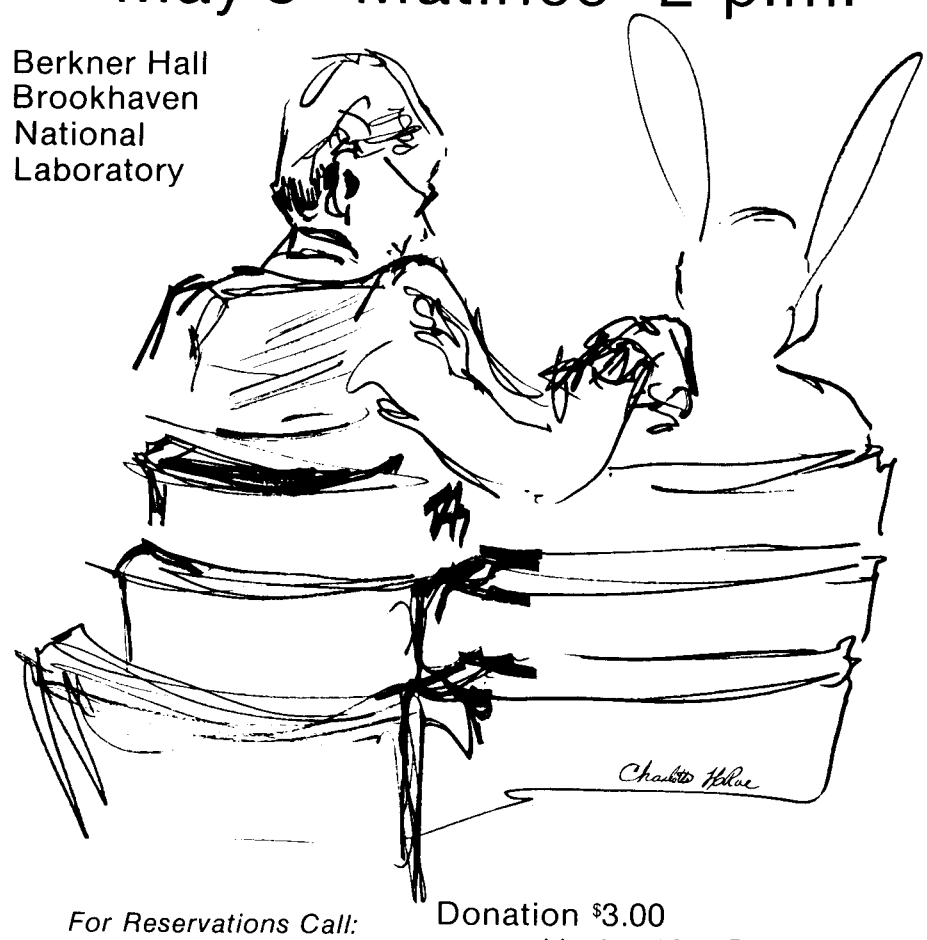
presents

HARVEY

by Mary Chase

MAY 2nd, 9th, 10th 8:30 p.m.
May 3 - Matinee 2 p.m.

Berkner Hall
Brookhaven
National
Laboratory



For Reservations Call:
345-3940** or **286-9584

Donation $3.00
Under 18 - Over 65 $2.00

Opening Tonight

Motorcycling

The Motorcycle Safety Foundation is a national organization whose goal is the reduction of motorcycle accidents and injuries through rider education and public information programs.

On Saturday, May 10, at 10 a.m., Robert Santangelo, staff instructor at the Foundation, will be at the North Room of the Brookhaven Center to explain the Motorcycle Rider Course and Beginning Rider Course. Films will be shown and, in the parking lot, motorcyclists will demonstrate riding skills, handling, and defensive driving techniques.

The "Cycle-trons" Motorcycle Club is sponsoring the meeting and everyone interested is urged to atend.

Arrivals & Departures

Arrivals

Susumu Terada.....Physics

Departures

Francis X. Bock.....Accelerator
Marie E. Cooney.....Contr. & Proc.
Regina F. Coughlin.....Accelerator
Moisei Gitberg.....Physics
Steven C. Kyle.....Energy & Env.
James G. Lofstrand.....Energy & Env.
Paul F. Richardson.....Energy & Env.

Selected Reading

Am. Sci. 68 (2), March-April 1980

Current issues in Japanese Archaeology. Fumiko Ikawa-Smith. 134-45

Lancet 1 (8170), March 29, 1980

What is Chinese Restaurant Syndrome? W.J. Sauber. 721-2

Bowling

Purple & White League

The Draftecs won 7 closing the spread between 1st and 2nd place by 2 points. Nate Carter converted the 2/7/10 split. High games were bowled by Jim Petro 205, Jim Griffin 203, Ed Meier 201, Gerri Riker 204, Lynn Boyd 190, Jeanne D'Alsace 183, Grace Kyhl 178.

Green League

Congrats are in order to the Sparks for winning the second half. They will bowl The Light Source, first half winners, for the league championship on May 6. The Sparks downed the Strangers for11. B. Kristiansen had a 209 and D. Jesaitis 231. The Trouble Shooters took 7 from the Blue Jays. The Pinball Wizards could only manage 4 from the 76'ers. Tom Prach had a 202. The Light Source took 11 from Isa Team. R. Wiseman had a 209. The Phoubars took 8 from the Old Timers while the Old Timers II split 5-6 with the Freon Loaders.

Red League

The 76'ers clinched the 2nd half by winning 7-4 over the Pinball Wizards. The Sandbaggers won 8-3 over the Designers. K. Riker had a 244/615 gross, C. Bohnenblusch 221/643 gross, A. Pinelli 634 gross, R. Meier 217/621 gross and E. Sperry 202/603 gross. The Freon Loaders split 6-5 with the Old Timers II. R. Marlow (228) grossed 663. The Old Timers won 3 against the Phoubars. R. Adams grossed 603. This Isa Team was skunked 0-11 by the Light Source. R. Barberich had a 214. The Strangers were also shut out 0-11 by the Sparks.

Pink League

Kit D'Ambrosio out-bowled the women with her 177/178 games and 499 triple. Bowling with some success were Pat Lebitski 167, Mary-Grace Meier 164, Deb Johnson 160 and Toni Cockerham 148/149. Congrats to the Pinsplitters for winning the second half. They go into position night with a 9 point lead.

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, with preference to those within the immediate work group; (2) present employees within the Laboratory as a whole; and (3) outside applicants.

The determination of the best-qualified candidate for available positions will be based upon education, experience and other job-related criteria. Such factors will be evaluated and measured against the demonstrable requirements of the available vacancy, as well as the Laboratory's Affirmative Action objectives.

The Laboratory is committed to a policy of Equal Opportunity in its selection and placement of personnel. Its objective is equality of opportunity in employment, training, and promotion without regard to race, color, religion, national origin, sex, age or handicap.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all nonscientific 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, as indicated below. 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 Personnel Placement Supervisor, Ext. 2882.

LABORATORY RECRUITMENT: Opportunity, for present Laboratory employees.

1323. SENIOR STATIONARY ENGINEER, Group Leader - Plant Engineering Division.

1324. SECRETARIAL POSITION - Requires AAS degree in secretarial science or equivalent experience performing diverse secretarial duties with ability to take shorthand. Will assist with all aspects of procurement; duties will include organizing, reviewing and expediting verbal and written communications and records. Contracts and Procurement Division.

1325. LAUNDRY OPERATOR A (two positions, temporary – May 19 to September 26, 1980) - Plant Engineering Division.

1326. LABORER (six positions, temporary – June 2 to August 29, 1980) - Plant Engineering Division.

1327. RESIDENCE CUSTODIAN (4 positions, temporary – May 12 to October 10, 1980) - Staff Services Division.

1328. MATERIAL HANDLER (12 positions, temporary – May 15 to August 29, 1980) - Supply and Materiel Division.

OPEN RECRUITMENT: Opportunity for present Laboratory employees and outside applicants.

1330. LIBRARIAN - Requires an MLS and a bachelors' degree preferably in the sciences. Will be responsible for the total operation of the Safeguards Library. Duties will include ordering, processing and locating all library related materials requested by users and providing bibliographic searches via the RECON and LOCKHEED databases. Familiarity with automated databases desirable. Department of Nuclear Energy.

1331. TECHNICAL POSITION (three positions, electro-mechanical) - Requires AAS or equivalent experience in electro-mechanical technology with a working knowledge of electrical control circuits. Will utilize machine and hand tools in performing design and fabrication projects for the low level waste management group. Department of Nuclear Energy.

1332. TECHNICAL POSITION (three positions) - Requires AAS degree in chemical technology/life sciences or equivalent experience with assembling and operating laboratory scale experimental apparatus. Familiarity with control circuits and data recording devices is highly desirable. Will utilize various types of experimental equipment to perform quantitative analyses for the low level waste management group. Department of Nuclear Energy.

1333. PROGRAMMER - Requires experience in FORTRAN programming, preferably in a real-time distributed control system application. Six-month appointment, half-time or more acceptable. Physics Department/National Synchrotron Light Source Project.

Autos & Auto Supplies

AM/FM/DX RADIO - Audiovox C-577, 12V neg ground. Dennis, Ext. 4259, 736-2534 eves.

55 STUDEBAKER - new brakes & radiator, car needs work. Best offer over $500. 732-3073 after 5.

72 CADILLAC - Sedan De Ville, 66,000 mi, fully loaded, good cond. $1250. Ralph, Ext. 2050.

74 MERCURY MONTEGO - excel cond in & out, ps/pb, AM/FM stereo, sm 8 eng (302). Ext. 3319, 751-7140.

72 DUSTER - good running, 6 cyl eng, whole or part for sale. Ext. 2054.

73 R.S. CAMARO - ps/pb, stereo, blk-pinstriped, tinted window, new 350 eng. Asking $2800. Ext. 3148, 588-3359.

78 HONDA XR75 - good cond, runs excel. $400. 473-3626.

67 CHRYSLER - a/t, ps/pb, good cond, 47,000 mi. $275. Ext. 2610, 744-5709.

74 TOYOTA PU - 4 spd, avg 26 mpg, AM/FM, good tires, clean, excel mech cond; (4) H78-14 b/w Michelin tires, good tread, $45. John, 727-7741.

78 CHEVY VAN - a/t, ps/pb, a/c, CB, AM/FM, 27,000 mi. Asking $6000. 281-6617 eves.

CAR TOP CARRIER - metal basket, w/suction cups & straps. $15. Ext. 4051.

EXHAUST SYSTEM - custom, dual, fits 72 Camaro 350 from headers back. $75. Sue, Ext. 2050, 475-5834.

MUSTANG PARTS - 64-½-66, 6 cyl motor, 3 spd trans, windows, doors etc. Ray, 727-3608.

67 DODGE DART - new alt/batt, good eng. Best offer. Kale, Ext. 4224.

PARTING OUT 65 VW BUS - doors, seats, windows, trans-axel. 744-7461 after 5.

77 SUZUKI DS100 - dirt bike, excel cond. $475. Vince, Ext. 4660.

71 BUICK ESTATE WGN - good cond, new trans/tires/radiator, a/c, ps/pb. $800. Ext. 3701, 751-8128.

77 KZ-400 - crash & sissy bars, luggage rack, blue, 2 helmets, very well maintained. $1250. Bill, Ext. 7611.

71 BUICK SKYLARK - h/t, a/t, p/s. $275. Ext. 2602.

67 BUICK WILDCAT - a/c, ps/pb, new tires, snows, 97,000 orig mi, 2nd owner, excel cond, good mi. $850. 698-7591 eves.

1970 PLAYMOR - 15', stove/oven, fresh water supply, porta-toilet, sleeps 5, ice box. Weighs 1400 lbs, new tires. $1500. Call after 5. 924-0688.

80 CHEVY MAZDA - excel cond, lg br sunroof, AM/FM-8 trk, must sell, leaving country. $2500. Joann, Ext. 4173.

73 FORD GALAXIE 500 - 4 dr, ps/pb, a/c, AM/FM stereo radio, 58,000 mi, good cond. $1350. Ext. 4532, 277-4091.

78 XS1100 YAMAHA - mint, 5000 mi, 48 mpg, winning perf pipe, monhonload shock, air caps. $2900. Larry, 567-0603.

71 FORD RANCHERO - 351 Cleveland hp, 4 spd Hurst shift, posi rear 3.25 ratio-differential. Ext. 4489, 473-2821.

75 PONTIAC LEMANS WGN - V8, ps/pb, a/c, good tires & brakes, some rust, $1750; 71 Chevy Nova, 4 dr sedan, 6 cyl, good tires, new batt & brakes. $500. 289-0791.

72 CHEVY STA WGN - ps/pb, good cond, new brakes/batt/tires (2). Call for price. Len, Ext. 4487.

75 HONDA 360CL - access, new tires, 9500 mi, excel. $795. Levine, Ext. 7102.

74 FORD GRAN TORINO - a/t, ps/pb, a/c, AM/FM stereo, new paint, excel cond. $1300. 744-4047.

TIRE - never used F70-15. $40. Joe, Ext. 2005.

70 CORVETTE - 350/300 T- top, a/t, a/c, ps/pb, p/w, AM/FM, low mi, new tires/brakes/exhaust, like new. 744-2404.

76 FORD CHATEAU WGN - 44,000 mi, capt chairs, 3 seats, a/c, full pwr, must sell. 924-3481.

FRONT SUSPENSION - A-frames, springs, spindles, calipers, rotors, fits Triumph TR2, 3, 4, $75. Augie, Ext. 4220.

67 MUSTANG - 2+2 fastback, V8, 4 spd, very good cond. Asking $1750. Dave, 589-5126.

74 LESABRE LUXUS CONV - a/t, full pwr, AM/FM, a/c, rear defrost, mags, Asking $2500 or best offer. Ext. 4113, 289-0753.

76 GRENADA - excel cond, std trans, 24-28 mpg, economical. $2550. Lou, Ext. 4615.

73 DODGE POLARO WGN - good cond, a/c, ps/pb, p/w, 80K mi. $650. 473-8716.

48 DODGE - 2 dr sedan, running, good cond, must be seen. Don, Ext. 3284, 928-3756 after 6.

74 KAWASAKI 175 - dirt, rebuilt eng/clutch, racing shocks, CDI ignition, very good. $375. Mike, 929-6177.

TIRES - (2) 5.60-15 w/labels intact, mounted on VW rims. $50. Fred, Ext. 3259.

73 HONDA - 71,000 mi, very good cond, orig. $350. 234-7225.

68 FORD LTD - excel cond, good tires. 744-3421.

68 FURY III - avail May 22, leaving country. $175. Jan, Ext. 3899.

75 PONTIAC FIREBIRD - 350 eng, 2 bbl carb, r/h, ps/pb, a/c, AM/FM-8trk, brown/brown, excel cond. Robert, 475-2058.

69 VOLVO - 2 dr, good cond. Ext. 2934, 744-4965.

MOTORCYCLE FAIRING - used on 650 Yamaha, good cond. Ext. 3120.

75 HONDA - 175cc, 8500 mi. $395. Bill, Ext. 3397, 281-0557.

73 PONTIAC FIREBIRD - a/t, ps/pb, dk green, good cond. 928-8522.

73 OLDS VISTA CRUISER WGN - a/t, a/c, ps/pb, 78,000 mi, very clean, excel running cond. 289-7383.

74 TOYOTA PICKUP - 4 spd, very clean, AM/FM, good tires, avg 26 mpg, $1675; tires, (4) H78-14, good rubber, total $45. John, 727-7741.

75 KAWASAKI 900 Z-1 - excel cond, new custom headers, tires, oil cooler, many extras. $1800. Vern, Ext. 7892, 878-0164 after 6.

75 PACER - excel cond, under 30,000 mi, ps/pb. $2200. J. Deddy, 475-4792 after 5.

WRIEND TUNNEL RAM - for sm block, never used, new. $75. Joe, Ext. 2022.

71 PLYMOUTH DUSTER - a/t, p/b, good running cond, only 79,200 mi. Reduced, $475. 744-9498 after 7.

72 BUICK ELECTRA - very good cond. all pwr. 475-9398 after 5.

78 CUSTOM VW RABBIT - silev, fuel inj, r/h, a/c, 55,000 mi, reg gas, very good cond. $4000. 744-3297.

76 KAWASAKI KE175 - dirt bike, 600 mi, Knobbies chain tensioner, very good cond. $450. Ext. 3872.

77 CHEVY IMPALA - ps/pb, a/c, excel cond. $2850. John, Ext. 2485, 929-6008.

Baots & Marine Supplies

1966 O'DAY TEMPEST - 3 sails, fin keel, 6 hp outboard motor, 23', sleeps 2. 298-8239 eves.

15' WOODEN SKIFF - ready for water, no motor, steering & eng controls. $200. 281-0360.

15' FIBERGLASS RUNABOUT - w/40 hp Evinrude elec start motor. $650. Gene, Ext. 3519, 541-2657.

16' BOAT - w/25 hp Evinrude, classic lines, usel 1 season. Jeff, 286-3509.

14.5' MFG - w/1975-25 hp Evinrude, gas tank & misc eqpt. $650. Ext. 2019, 744-0763.

GRAMPIAN 30 - 1973, sleeps 6, excel cond, Atomic 4, hood sails, many extras. Mid-twenties. Ext. 2400, L11-9582.

KOLIBRI - W. German built sailboat, 12' fiberglass w/mainsail, jib & trailer. $775. Ext. 3974, 929-4068.

ANCHOR - Danforth Mod #13S, galv, 25-30' boat excel cond. $30. 289-0413.

22' VENTURE -poptop, 3 sails, 6H Johnson trailer, 200-lb mooring, lifelines & pulpit. $5700. Ext. 4348, 751-0636.

GAME FISHER BY SEARS - like new, 25 variable spd, batt ind & weed guard, $75; Shakespeares Wonder Troll elec motor mod #612, 18 lbs thrust, $75. 924-9816.

20' CRUISERS - w/80 hp Johnson, camper equipped for 4 plus, must see it to believe. All for $1000 firm. 286-0880.

20' SHARPIE - w/35 hp Merc. $125. Ext. 4126, 878-0653.

22' MARSHALL CATBOAT - VHF, RDF, DS/KH, excel cond. 286-0570 after 5.

Yard Sales

PORT JEFF STA - 199 Jayne Blvd, huge yard/mini-flea market, Sat 5/3/80, rain date 5/4/80.

MT. SINAI - 22 Liso Dr, Sat May 3, 10-4, tools, toys, sliding glass door, lots more.

WESTHAMPTON - 633A Stewart Ave, opp Air Base, May 3, 10-5, odds & ends to settle estate.

Miscellaneous

DINETTE SET - green & white, $40; crib, $10; stroller, $5; traveling sprinkler, $35; fertilizer spreader. $10; nonpower mower, $10. Ext. 2251.

EXERCYCLE - excel cond w/elec motor; patio furn, table & 3 chairs. 286-2320.

RISSETTE ACCORDION - 12 bass, case, instruction bk. $45. 286-1192 after 6.

CHANDELIER - 10 light bronze w/glass prisms & beads, beautiful, excel cond. $55. Ext. 4721, 273-5574.

INFANT DRESSING TABLE - maple, excel cond,white. $30. 281-8274.

MOTORS - ¼hp GE; ½ hp Robbins & Meers. $20 ea. 751-2867.

FISHER PRICE TOYS - lg hobby horse; children's clothes; porta crib; brand new mattress; contemp king bedrm set; liv rm; din rm; dishwasher; drapes; bedspreads; all perf cond. 744-2288.

KITCHEN SET - Spanish Medit 60" oval w/leaf & 6 wrought iron chairs, cushioned. 289-1085 after 5.

BLADES - for elec lawn edger, 6½" long, made for Craftsman Mod 85785 or similar. 8 blades for $10. Ext. 4701.

HORSE MANURE - Bartlett Rd, Middle Island. 924-6512.

SADDLE BAGS - tailored lighted rails, chrome panels, hdwre, for 1971 Harley, FLH. Ext. 7961, 727-7626.

SCUBA TANKS - galvanized, w/boots & J-valves, $35 ea; back pack, $15. Ext. 4058, 286-0436.

UTILITY SINK - high back, 24"x10". $10. Ext. 2497, 281-2767 eves.

BICYCLE - girl's Raleigh 3 spd w/coaster & hand brakes. $50. Bob, Ext. 4824/4688, 744-5098.

TOMATOES - early patio type, Harris Presto variety, sturdy 6" plants in gal containers. $2 ea. Tom, Ext. 4674, 286-2505.

69 SCOTTY TRAILER - 15', sleeps 5, gas stove, heat, ice box, water, brakes, porta potti. $1000. Jack, Ext. 3075.

SLIDE PROJECTOR - uses metal tray or 100 slide circular tray, 35mm w/remote focus & slide advance. Jim, Ext. 2485.

HOME BAR SIGNS - Budweiser, elec w/clock, $15; Black Label, elec , $8; Schaefer, $3; Ballantine, $5; girl's bikes, 20", 1 red & white, $10; 1 pink & white flowers, $20. E. Kelly, 744-3069.

WIG HEADS - 50¢ ea; hair dryer, $5; tire w/rim 7.50-14, $10. Susan, Ext. 4267.

WINDOWS - white D.H. insul w/scr, new, (1) 3'x3', $65; (2) 3'x4', $75 ea. 924-6582.

PUSH LAWNMOWER - $20; lawn sprinkler heads, brass, $7.50 ea. Ext. 4058, 4051.

POOL - above ground 12' diam, 4' ht, $30; bicycle child carrier seat, $5. E. Edwards, Ext. 4027, 286-1121.

STOVE - airtight Gibraltar #3, almost new, w/glass front. Cost $500, now $350 cash & carry. 588-0805.

FM COMMUNICATIONS RCVR - Lafayette mod PF-30, 30-50 MHV, excel cond. $30. M. Kinney, Ext. 4316, 924-3783.

CAMPER -1977 Coachman 16' tent trailer, excel cond, extras. $1900. John, Ext. 3300, 924-3794 after 5.

ANIMAL HUTCH - 4'x4'x8', suitable for rabbits, chickens, etc. $35. 581-7656.

LIV RM CHAIR - Lawson type, old rose bouchle uphols, good cond. $20. 727-0552.

AUTO RECORD CHANGER - Dual 1209, excel, $50; (2) spkrs SK128 & amp LA450 Lafayette, total $40. Rau, Ext. 3830.

DOG DRYER Oster professional, excel cond. $70. Maria, 924-3756.

KEROSENE LANTERN - & extra red globe. $10. Dennis, Ext. 4259, eves 736-2534.

MATES BEDS - all wood, roller drawers, fruitwood finish, $100 ea; alum windows, good cond, 2 sizes, best offer over $25 ea. 654-2304 after 5.

HEMLOCKS - 30-36" high, you dig. 286-8751 after 5:30.

STEREO - Panasonic Multiplex, turntable, AM/FM rcvr, 2 spkrs, excel cond, perf for tenns; 2 sterling silver charm bracelets, 2 diff styles, never worn, $15 & $20. Debbie, Ext. 7908.

CANVASES - artist 7"x9", 3/60¢ or 5 packs 50¢; GE wrinkle remover, $2. Sue, Ext. 4207.

GE WASHER - 18 lb cap, 1yr old, perf, like new, moving, must sell. $250 or best offer. Ann, Ext. 4959.

EPIPHONE ELEC GUITAR - solid body, sunburst finish w/humbucking pickups, excel cond, hard case. $175. Ext. 4324, 724-0470.

DOG GROOMING SUPPLIES - "Breed" stat decals, portable typewriter, $20; bed safety bars, $6; film splicer, 35mm, $20. Ext. 7772.

SINGER SEWING MACHINE - walnut cabinet & seat, attachments, older model, little used. $75. Ext. 4788.

STOVE - air tight Gibraltar # 3, almost new, w/glass front. Cost $500, now $350 cash & carry. 588-0805.

RIFLE - Rem model 66 auto .22 cal w/scope. $50. John, Ext. 3354.

HAIR DRYER - Max port, $5; tire w/rim, 7.50-14, $10; batt pwrd dice game, $4. Susan, Ext. 4267.

DUTCH MALE RABBIT - gray & white. $10 or $5. April, Ext. 3799/3747 after 2:30.

PUPPIES - Shih-t-poo, parti-color, fluff ball toys, innoculated. $75. 744-4779.

LEICA M-3 - w/50mm f-2 Summicron & 90mm f2.8 Elmarit. Ext. 2041.

ENCYCLOPEDIA BRITANNICA - Delux vols, micro & macro set of 29 bks, a few yrs old. $125. 286-1062.

EVERGREENS - spreading yews, 4-5' tall, you dig, $5; mountain ash, 8-9', you dig, $15; we dig $3 extra. Jim, 286-0024.

RIDING MOWER - 8 hp w/snow plow & grass catcher. $150. Leo, Ext. 3354, 286-8242.

OIL BURNER - ready to install, 7 yrs old. Best offer. Joe, Ext. 2005.

NEW WINDOW - dbl hung 5' 2"x3' 4". $60 or best offer. Dan, Ext. 3631.

DEN FURN - couch & matching arm chair, $210; end table & coffee table, $110; or $300 for all. 281-0804 eves.

TENT CAMPER - Apache Eagle, good for sm car. $400. Steve, Ext. 4008, 821-0686.

GUITAR - Fender Jaguar w/case, $200; brand new never worn, lace & beaded wedding gown, full length train, detachable & cap, $275. 281-5205.

17' KELVINATOR REFRIG - reasonable. 363-7032.

PLANT STAND - holds 7 plants. $10. Ext. 3431, 744-9677.

ICE BOX - sink, facet & 12 gal water tank for RV's, new, must sell. 475-5834.

TRACTOR - 8 hp, 36" mower, Bradford, good cond. $350. Ext. 2491, 363-6290 eves.

POOL - 4'x18' above ground, all access, fair cond, you dismantle. $50. Culwick, Ext. 4536.

AIR COND- 5000 BTU, works well, $75; moving - din rm table & chairs, $150; couch, green, like new, $200. Bill, Ext. 4442, 289-3399.

CHINA SET - new, serving for 8, list $90, selling $35; tummy flattener, $5; planter stand, round, $8; all excellent. Ext. 2386, 924-3072.

8" TABLE SAW - w/¾ hp motor, dado blade incl. $50. Frank, Ext. 7138, 732-4224.

LOVE MOBILE - 2 pc GM infant car seat & stroller, excel cond. $30. George, Ext. 3640.

DIN RM - ash fruitwood, 6 chairs, breakfront, $600; bedrm, 6' Mr & Mrs armoir, twin beds, 2 mirrors, $250; sewing machine, $75. 727-7515.

COFFEE TABLE - L-shaped mosaic, & 2 end tables. $35. Ext. 281-3992.

CAMERA - 16mm, 3 lens turret Bolex mod H16. $200. Ext. 7611.

COLOR TV - $75; toaster, $5; steam iron, $5; king size blanket, $10 Sandro, Ext. 4382, 3111 eves.

Please see supplement for ads that do not appear on this page.

SUPPLEMENT

Volume 34 - Number 18

May 2, 1980

Miscellaneous (Continued)

CANVASES - artist, 7x9, 60¢/3 or 5 pk 50¢ ea; chaise lounge, $4.50; batt pwrd dice game, $4. Sue, Ext. 4207.

BICYCLE FRAME - Raleigh man's 23", blue excel cond. $15 or best offer. Liz, Ext. 2082.

CHAIN SAW - Stihl mod 015-AVE, 16" sprocket nose bar, elec ignition, special vibration damping handles, new price $251, used less than 5 hrs. $210. Bob, Ext. 4824/4688, 744-5098.

CIRCULAR COUCH - 3 pc, 2 club chairs w/covers & table, excel cond. $385. 475-3546 after 6.

TAPE PLAYER - Lafayette 8 trk for in-home use, connects to stereo. $20. B. Azzara, Ext. 2050.

DBL MATTRESS - extra firm, inner spring, top cond, w/frame, $30; recliner, mod chrome, blk vinyl, mechanism good, vinyl cracked, $20. Mike, Ext. 2364.

PROJECTOR - 16mm sound, Bell & Howell Mod 385. $275. Ext. 7611.

Real Estate

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

For Sale

WESTHAMPTON - Remsenburg area, cape cod, cedar shingles, 3 bedrms, 2 baths, lg eik, fam rm, deck & fp, low taxes. $65,000. Richard, Ext. 4396, 325-8158.

PORT JEFFERSON - Harbor Hills, 3-4 bedrm ranch, possible mother/daughter, wooded ⅓+ acre, fp, dead end street, financing possible, immed occupancy. $67,000. Ext. 4504, 473-1523, 928-0483.

MEDFORD - close to LIE, mother/daughter, all newly remodeled on ¾ acre incl buildable lot, upstairs 3 bedrms, DR/LR w/fp & w/w down stairs, eik, 1 bedrm, L/R, sep elec & heat. $53,000. 475-2769 after 5.

BELLPORT VILLAGE - beautiful dutch colonial, 4 bedrms, 1½ baths, fully landscaped 1 acre, garden, fruit trees, walk to shops, beach, ferry, mtg transferrable. 286-2320.

SOUTH SHIRLEY - 3 bedrms (possible 4th), 1 full + 2 half baths, L/R, D/R, eik, den w/fp & woodburning stove, bsmt, 2-car gar, many extras, 7 mi from BNL. $37,000. 281-0804 eves.

MANORVILLE - 3 bedrm ranch, 1 acre, 32' country kit, cathedral ceiling, 1½ baths, appl, bsmt, gar, assumable mtg at negotiable rate. $45,000. Pete, Ext. 3868/4574, 878-1225.

LAKE GROVE VILLAGE - 2 fam 3 bedrm ranch, LR/DR, eik, oak flooring w/w, 5 appl, deck, treed, landscaped, tool shed, gas heat, low taxes. $38,500. Ext. 3800, 467-1763.

BELLPORT VILLAGE - 3 bedrm ranch, lg eik, att gar, patio, stockade fenced rear yard. $36,500. 286-0795.

MASTIC BEACH - 3 bedrm ranch, corner lot, roofed patio, pleasant loc near water. Low 30's. 281-7531.

BELLPORT SOUTH - colonial ranch, L/R, D/R, vaulted 15' ceilings, fam rm w/built-in birch bkcases & sliding drs to 30' Astro-Turf patio, 3 bedrms, new eik, 2-car gar, out bldg. prof landscaping, brick ent patio, $34,000 assumable 8¼% mtg ($75 transfer cost). $52,500. 286-3732.

PATCHOGUE NORTH - 3 bedrm hi ranch, eik, lg L/R, lg panelled fam rm, excel cond, assume 6% mtg, add'l insul. High 30's. Ext. 4333.

For Rent

BELLPORT - 8 rm house, 4 bedrms, 2 baths, att 2-car gar, fully furn, 1 yr beginning Sept 1, 1980. $400/mo. Ext. 4368, 286-1489 eves & weekends.

CORAM - 4 bedrm dutch colonial, full bsmt, 2 baths, gar, ⅓ acre, washer & dryer incl. $400/mo. 744-3623 after 3.

Wanted

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

HOUSE - mother/daughter, 3 bedrm main house, apt att or sep, 286-8166 after 5 & weekends.

RIDERS NEEDED - for Miller Place van pool. Don, Ext. 3284.

MICROSCOPE - for student medical technician, price must be reasonable. M. Greene, Ext. 4033.

SHOPPING SPREE - by bus to Reading, Pa, Sat, June 21, 1980. For info call Bea, Ext. 3571.

HOUSE TO RENT - for newlywed couple, near Lab, to be avail late summer. Debbie, Ext. 3293, 473-3377.

INFANT CAR SEAT - good cond, reasonable. Jim, Ext. 3307, 698-8990 eves.

TO RENT - 1-2 bedrm apt, Port Jefferson to Lab area. Ext. 2602, 473-3554 eves.

YARD CLOTHES DRYER - wood & rope/umbrella type, or equal. Cheap. Herb, Ext. 4035.

NEEDED FOR INVALID - patio umbrella & table combo, in good cond. Reasonable. 924-3291.

HOMES - 4 cats, gray Persian, 2 blk males, tiger female-neutered. Sue, Ext. 2050, 475-5834.

2-3 BEDRM HOUSE - within 15 mi of BNL. Pradip, Ext. 2671.

TRAINS - Lionel, any "0" gauge or "027" gauge cars, track & equip. Frank, Ext. 3120.

NEAT HOUSE/APT - 2-3 bedrms, around Stony Brook or on route to BNL. Ext. 4743.

UNFURN APT OR HOUSE - 1-2 bedrms, near BNL. Ext. 2841.

PERSON TO SHARE HOUSE - $175/mo pays all. Al, Ext. 3992, 665-1218.

APARTMENT TO RENT - 1 bedrm, Rocky Point, Sound Beach, Miller Place area. Donna, Ext. 2907. 751-6383, eves.

Car Pools

DRIVER WANTED - for 5-member pool, W. Islip/Brightwaters area, 8:30-5:00 pm. Bob, Ext. 3026.

Lost & Found

LOST - will person knowing whereabouts of package addressed to A. Losi, please call Ext. 2505 (Bldg. 701).

FOUND - orange tabby cat, male, altered, green eyes, found 4/22 by main gate. Ext. 7646, 653-6590.

LOST - fine gold chain bracelet, central BNL area. Ext. 3336.

LOST - sunglasses, at Center, April 11, 1980. Carol, Ext. 3341.

LOST - small knapsack containing softball glove, spikes and yellow rain suit. Reward offered. John Pepe, Ext. 4145.

Services

AUTO REFINISHING - all areas of work performed, discount rates for sm car refinishing. Ext. 2546, 744-4047.

TYPING - reports, etc., reasonable rates, references. Julie, 929-4425.

ASPHALT PAVING & SEALING - Bob, 475-4382.

BABYSITTING - do you need a reliable person to watch your children on a daily basis during the summer? I am 16 yrs old, love children, fully qualified and can supply references upon request. J. Alkes, 924-7832.

FIREWOOD - seasoned oak, 4'Hx8'L, 16-18" pcs, $50. 924-3236.

EXPERT TUTORING - math, French, German, elem subjects, certified teacher, my home. $10/hr. 941-4328.

CHAIN SAWS SHARPENED - up to 36". $2.50. Ray, Ext. 4479.

ROTOTILLING - up to 1000 sq ft for $18; also lawn & flower beds. Tom, Ext. 2011, 325-1033.

CAR WASHING - wash & wax $20, your home or mine. Steve, Ext. 4297, 543-9008.

FOR ADOPTION - Old English/Lab mix, spayed, 1½ yrs, loves children, to home/yard, house broken – moving. Jay, Ext. 4031.

PORTABLE WELDING SERVICE - nights & weekends. Bob, 878-4556.

FRESH CLAMS - $1.50/doz, you pick size. Ken, Ext. 3354, 654-2831 after 6.

KNIVES SHARPENED - on flat stone. $5/knife. Dave, Ext. 4755.

TYPING - scientific reports & general typing, reasonable rates, 24 hr service. 654-4635.

MOTORCYCLE REPAIR & ACCESS - expert work done, access for street & dirt. Ext. 2311.

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

1. The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
2. All items for sale or rent must be the advertiser's property.
3. Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
4. Firearms offered for sale or trade may not be brought on site.
5. Ads not carried because of space restrictions will be held for publication in the next issue.
6. Ads are run only once and must be resubmitted if they are to be repeated.
7. **Property for sale or rent cannot be accepted on this form. Special Real Estate Ad forms are available at the office of the Brookhaven Bulletin, 40 Brookhaven Avenue.**

☐ For Sale: Autos & Auto Supplies
☐ For Sale: Boats & Marine Supplies
☐ For Sale: Miscellaneous
☐ Car Pools
☐ Lost & Found
☐ Services
☐ Wanted

Please print your ad below in 15 words or less using one word per block. Include name and phone number to call.

Note: The following must be completed for your ad to appear.

NAME (Please Print).....

Employee's Signature..... Life No. ..... Ext. .....

Send to: Brookhaven Bulletin, Building 460, 40 Brookhaven Avenue (Ext. 2345).

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