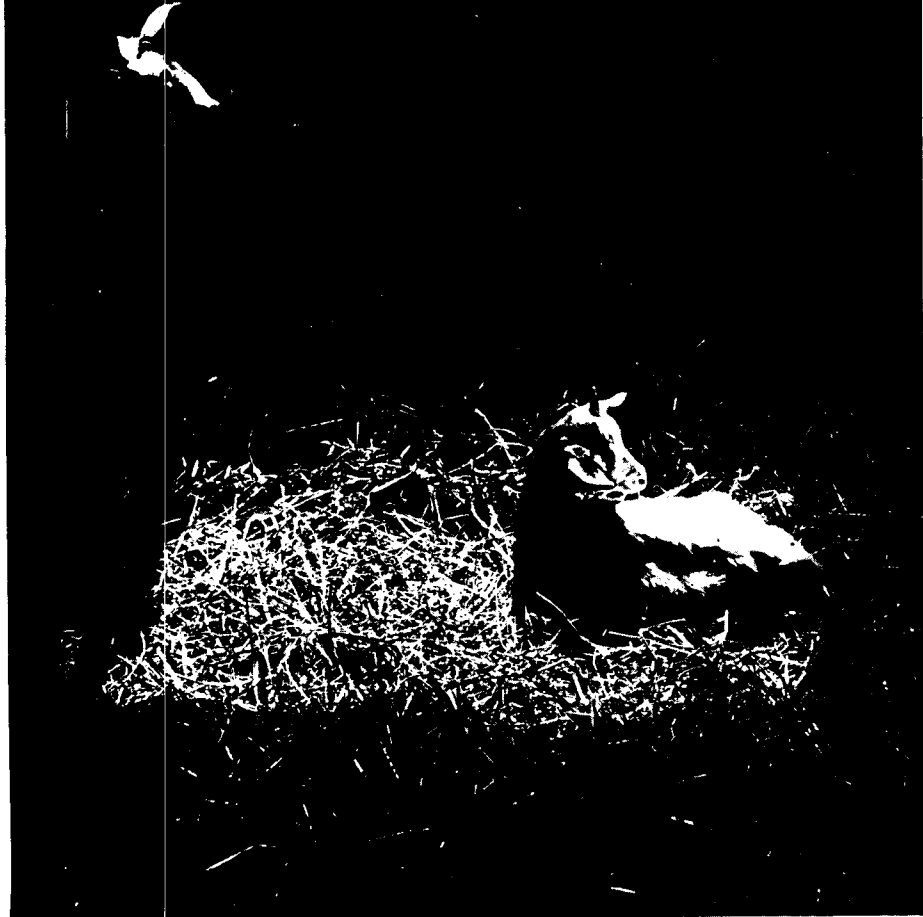




Season's Greetings 1969



The editor and staff of the *Brookhaven Bulletin* wishes its readers a Merry Christmas and a Happy New Year.

New Scanning Electron Microscope In Operation At Instrumentation

With a capacity for magnifications of up to 100,000 times, the new scanning electron microscope installed in the basement of the Instrumentation and Health Physics Building will greatly extend the services available to researchers at BNL. The new microscope which has a tremendous depth of field, will be used primarily in surface studies of material samples.

Another Link Opens For LI Expressway

A new section of the Long Island Expressway is scheduled to be opened by the end of this week. Approximately 4.5 miles long, it will connect interchange #65 at Horseblock Road with interchange #68, at William Floyd Parkway, and on east to Calverton. Included in the new section is interchange #66, at Sill's Rd., with an eastbound exit and westbound entrance, and interchange #67, Yaphank Rd., with an eastbound entrance and a westbound exit.

The expressway between Horseblock Road and Holbrook will be open next spring or summer, when shoulders, guard rails and signs are installed.

Increased evening traffic is expected on South Upton Road as residents of the Yaphank-Middle Island area will now probably wish to use the expressway. However, as the expressway is also easily reached via William Floyd Parkway, many drivers may find it easier to use the main gate exit.

Deer Population

The New York State Conservation Department has found that the deer population in Suffolk County, with the natural predators gone, has outgrown the carrying capacity (food supply) of its habitat. To prevent starvation, some of the deer must be removed. This will be accomplished by a carefully regulated hunting season in January. BNL's North Tract (north of Route 25) is included in this cooperative conservation program.

'Tis The Season—To Be Cautious

Every year during this period of celebration of life and birth, we read of tragic cases of injury or death from Christmas tree fires. These cases are all the more ironic, since a few simple precautions would greatly minimize the potential for tragedy.

BNL Christmas Decoration Requirements

The BNL Fire Marshal requests that the location of all natural Christmas trees at BNL be reported to him (X591) so that they can be given special attention in BNL's routine fire inspection program. Artificial trees, if they have the Under-

(Continued on Page 4)

Besides the scanning machine, the Microscopy Laboratory has three transmission electron microscopes and several optical microscopes. The optical microscopes are used for preliminary examination of samples, and for precision mounting of specimens in the electron microscopes.

In the near future, the scanning electron microscope will be fitted with auxiliary equipment which will enable scientists to see the location of specific elements in a given sample of material. Surface topography will be analyzed statistically by computer when another capability is more fully explored.

Provisions can be readily made to study samples while being heated or cooled, stretched, compressed or otherwise dynamically changed.



John Kelsch and Gloria Emanovsky check a piece of a moon rock that is mounted for examination in the electron scanning microscope.

Such widely different materials as bacteriophage and ancient Egyptian glass; a lunar sample from Apollo 11, and rust from the Lab's water pipes; an aphid's proboscis and ice crystals; radioactive fallout and micrometeorites from the Pacific depths are being and have been studied in collaboration with Brookhaven's concerned researchers.

John Kelsch, who is in charge of the Microscopy Lab, points out that "With this equipment, and our many years of experience, the staff is capable of rendering valuable aid in the study of almost any material of interest to the many researchers at Brookhaven."

While the current interest at the Lab is the examination of the lunar sample, the first materials examined with the new microscope were of a less exotic nature. Paul Buhl and Gloria Emanovsky, lab technicians, assisted Kelsch in preparing the specimens shown on page 2 for trial operation of the newly received microscope. All samples are found in abundance at BNL, but are seldom seen as shown here. Identification of the material will be found on page 3.

Holiday Schedule—

The Brookhaven Center will be closed for the Christmas holidays on Wednesday through Saturday, December 24 to December 27, 1969. It will reopen for dinner on Sunday evening, December 28.

The Center will close again after lunch on Wednesday, December 31, and reopen for lunch on Friday, January 2, 1970.

The Cafeteria will close at 1:30 p.m. on Wednesday, December 24. The Snack Bar will be open from 9:00 a.m. to 2:00 p.m. on December 26 and January 1.

Only the vended food service in Building 912 will be available on the evening of Wednesday, December 24 and all day on Thursday, December 25. The latter service is for authorized personnel only.

Scholarship Deadline Set For January 5th

Applications for consideration in the Fifth Annual Technician Scholarship Program must be received by January 5, 1970 for review by the BNL Scholarship Selection Committee. It is expected that one or two scholarships will be awarded to BNL employees for the academic year 1970-71.

The purpose of this program is to provide an opportunity for selected AEC contractor personnel with technical proficiencies to accelerate their completion of the bachelor's degree in a field of interest to the AEC. So far, three BNL employees have received their degrees and five others are working toward this goal at various colleges and universities.

Recipients of the coveted scholarship awards will be able to go full time to school with tuition and fees paid, as well as receiving full salary and fringe benefits during their time spent studying for their degree. The award is for 12 months renewable for another twelve months, starting with the fall term of 1970.

Employees who wish to be considered are asked to complete a formal application available at the Personnel Office and return it to that office no later than January 5, 1970. The BNL Scholarship Selection Committee will review all applications and select candidates. These candidates will be presented to the AEC Headquarters Selection Panel in February for the final decision. Questions concerning this program may be directed to Peter Paige on Extension 7244.

IBEW Meets Monday

The next General Meeting of the IBEW Local 2230 will be held Monday evening, December 22, at the K of C Hall, Railroad Ave., Patchogue at 8 p.m. The agenda will consist of General business and reports of Committees. A Merry Christmas and a Happy New Year to all the Brothers and Sisters of Local 2230.

Congressman Bingham Postpones National Priorities Discussion

Representative Jonathan Bingham of the 23rd Congressional District, Upper Manhattan and West Bronx, was forced, by urgent business on the House floor, to postpone the discussions on National Priorities in which he had planned to take part at BNL last Friday. In a telegram to Dr. Leonard Hamilton — who represents one of the sponsoring organizations, the BNL Coalition on National Priorities — Mr. Bingham explained that he had to remain in Washington because the House was involved in crucial negotiation and voting on the anti-poverty program. Representative Bingham expressed his hope of meeting with interested BNL people "on another occasion to discuss the whole question of military spending and national priorities."

Young Journalists Visit Bulletin



Twelve members of the staff of the *Paper Lion*, a newspaper published by the Miller Place Schools, visited the Lab last Thursday to see how the *Brookhaven Bulletin* is printed. Fotosetter operator Ray DeMatteo (foreground) demonstrates typesetting techniques as the youngsters examine matrices used to produce print in the *Bulletin*. —Humphrey

Sixteen Staff Members Retire This Month



A. Eric Brockmann

John Ciperano

Mary W. Coyle

Charles F. Dunbar



John F. Gorr

William H. Greenhill

Francis X. Jones

Ludwig K. Leicht



John C. McMahon

Harold W. Moger

Louisa U. Nash

Joseph Seitz



Charles Smol

Janis J. Vitols

Charles F. Weinrich

Bruno Wiedermann

Eric Brockman, an Expediter in the Accelerator Dept., has been with the Lab since May of 1959.

John Ciperano, Technical Specialist in the Physics Dept., started work here in January of 1951.

Mary Coyle, Head Nurse in Pavillion 1 of the Medical Research Center, started with the Lab in November of 1950.

Charles Dunbar, Secretary and Counsel of Associated Universities, Inc., has been with Brookhaven Lab since April of 1947.

John Gorr, of the Reactor Dept., is a Technical Specialist who has been at Brookhaven since April of 1947.

William Greenhill, Plant Engineering and Planning, has been with the Lab since

April of 1957 and is a Lead man.

F.X. Jones, Assistant Fiscal Officer of Brookhaven Lab, has been with the Lab longer than any one who is retiring this month. He started in October of 1946.

Ludwig (Louis) Leicht, a Tool and Instrument Maker with Central Shops, is working at the 7' Chamber. He started at the Lab in August of 1954.

Patrolman **John C. McMahon** has been part of the Laboratory's Security Forces since March of 1947.

Harold W. Moger, an electrician with Plant Engineering and Planning started work at BNL in January 1959.

Telephone Operator **Louisa Nash** has been with Staff Services at BNL since

September 1957.

Joseph Seitz, a Model Maker (wood) started in the Lab in April of 1949.

Charles Smol, Technician in the Accelerator Dept., has worked here since February of 1951.

Janis Vitols will retire from his job as Clinical Services Supervisor in the Medical Dept. He started work in July of 1958.

Charles Weinrich has been Assistant Utilities Maintenance Supervisor, in Plant Engineering and Planning. Originally he came to the Lab in April 1947.

Bruno Wiedermann, a Senior Designer in Mechanical Engineering works in the Accelerator Dept. He started at Brookhaven in March of 1948.

Published Weekly for the Employees of Brookhaven National Laboratory

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NORBERT J. DERNBACH
Public Relations Officer

Here and There

Claire Lamberti

Harold Schwarz (Chemistry) gave a talk on radiation chemistry at the University of Notre Dame on November 20.

William S. Hillman (Biology) presented a lecture on "Analysing photoperiodism" on November 4 at Pennsylvania State University, Colleges of Science and Agriculture, University Park, Pennsylvania.

Elliott N. Shaw (Biology) presented a seminar on "Specificity site of trypsin" on November 4 at the Division of Laboratories and Research of the New York State Dept. of Health in Albany.

Leslie F. Nims (Biology) gave a series of lectures on radiation biology at the University of Hartford on November 15-17.

Andrew P. Hull (I & HP) was recently awarded a Fellowship in the American Public Health Association.

Lester Corliss (Chemistry) served as a member of the organizing committee for the Symposium on Magnetic Semiconductors held in Yorktown Heights on November 13 and 14. He also presented a paper at the meeting entitled "Ordered Moment of NiS₂."

Teh-Yung Liu (Biology) was in New York City on November 5 and 6, to consult with Dr. E.C. Gotschlich with reference to the preparation of Meningococcus and to present a seminar on the "Studies on the Pneumococcal and Meningococcal cell-wall saccharides" at the Biochemistry Department, Mt. Sinai Medical School.

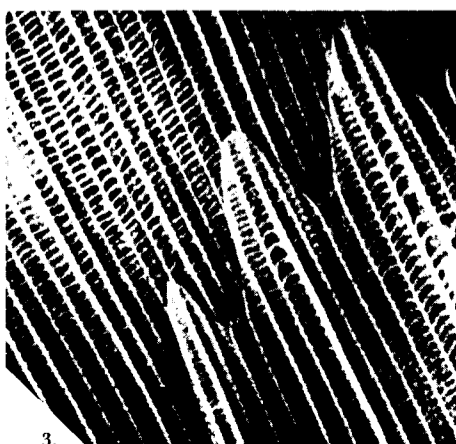
Dr. Tetsuya Noguchi was appointed a Guest in the Chemistry Department for one year on an intermittent basis, to work in collaboration with Dr. Simon Freed. Dr. Noguchi is a Visiting Assistant Professor at New York Medical College.

Odette Guy has joined the Biology Department as Guest Associate Scientist. Dr. Guy is a research associate in the laboratory of Professor H. Sarles of the University of Marseille, France. During her stay here, she will work with Lewis J. Greene in the field of enzymology and protein chemistry.

Cafeteria Menu

Week Ending Wednesday, Dec. 24, 1969

Friday, December 19	
Clam & Celery Bisque	
Fried Stuffed Flounder/Sauce Tartar	.65
Braised Meat Balls/Veg. Sauce	.65
Broiled Halibut/Butter Sauce	.75
Monday, December 22	
Vegetable Soup	
Baked Ham/Pineapple Sauce	.65
Spaghetti w/Italian Meat Sauce	.65
Hungarian Goulash	.75
Tuesday, December 23	
Puree of Split Pea Soup	
Roast Round of Beef au jus	.65
Cream Chicken on Rice	.75
Frankfurter w/Mashed Potato & Red Cabbage	.65
Wednesday, December 24	
Minestrone Soup	
Broiled Link Sausage/Apple Rings	.65
Beef Ravioli	.65



1.

2.

3.

4.

Dollars and Sense

Ken Mohring

Tax Returns - A New Look

Your 1969 tax forms will be speeding toward your home within the next few weeks. Upon opening the long awaited parcel, a different form and new schedules will make their grand entrance. The IRS has put what is now known as "the old 1040" to rest. The "new look" 1040 is here.

Form 1040 is now a one page summary sheet, requesting basically the same information as page 1 of the old form 1040. The exceptions are the tax computation and tax credit section which are now recorded on a separate Schedule T. This schedule, a new one, will be used by most of us (exceptions are if your income is less than \$5,000 and you do not itemize your deductions) to compute our tax. However, it need not be filed with your return unless you have certain types of tax credits (listed on the schedule).

Where do you enter itemized deductions since there is no longer a page 2 to form 1040? Well the IRS has given us more room to list all our deductions - on Schedule A. Schedule A lists the types of deductions and requests information as listed on page 2 of the old 1040.

Other new forms

Schedule B - need be filled out and filed only if you have over \$100 of dividend and/or interest income. But don't forget - even if both dividend and interest income are less than \$100, you still must report them as income on the face of form 1040.

Schedule E - if you received a State tax refund during the year (or had other miscellaneous income) you must file Schedule E (Part III). This schedule will also be used by persons having other types of income such as rents, royalties, etc.

Old standbys

Schedules C, D, and F remain basically the same as last year.

Those taxpayers who previously filed card form 1040 (1040A) must now use form 1040.

The new form and related schedules are an improvement over the old 1040 for two reasons: 1) income and deduction items are no longer recorded on a single page (page 2 of the old 1040) thus the return flows in a more logical path; 2) the new schedules have ample room for listing the details of income and deduction items, thus reducing the need for sub-schedules.

Arrivals & Departures

Arrivals

Patricia L. Dietrich.....Biology
Christopher Misciagno.....Staff Services
Marshall D. Newton.....Chemistry

Departures

Agnes H. Johnson.....Staff Services
Robert Newlands.....P.E.P.
Robert H. Phillips.....Physics
Dorothy H. Sheedy.....Fiscal
Raymond W. Cabre who has been employed by the Reactor Division since April 25, 1949, died on December 14, 1969.

PR Secretary



Janet Micallef (Mrs. Stephen Micallef) has joined the staff of the Public Relations Office as secretary to Norb Dernbach, Public Relations Officer, and Carl Thien, editor of the Brookhaven Bulletin. Janet, who lives in Centereach, formerly worked in the Public Relations Department of Doubleday and Co., Inc. in Garden City.

Pianist James Gemmell Featured Young Artist



The fourth concert of the 1969-70 BERA Concert Series will be presented by one of the most promising piano talents on Long Island, James Gemmell. James, son of Lee Gemmell of the Health Physics Division, began the study of piano at the age of eight with Olivia Stickley. He was soon making numerous solo appearances in the Long Island area. His intensive study began, however, when he was accepted to the Oberlin College Conservatory of Music which has produced many American talents on the musical scene. He is now a senior at Oberlin and has been under the tutelage of Miles Mauney and for the past two summers under Olga Stroumillo. Gemmell's professional experience as an accompanist was broadened when he became an official accompanist for the Metropolitan Opera Auditions in Cleveland and the Meadowmount School of Music under the direction of Ivan Galamian. His concert at BNL will consist of selections from Chopin, Schubert, Debussy and Brahms.

James Gemmell will present an exciting program on the Young Artist Recital of the BERA Concert Series which is open to the public without admission charge. The concert is scheduled for Thursday, January 8 at 8:30 p.m. at Berkner Hall.

Efficient Operation Key To Cost Reduction

According to James Desmond, Chairman of the BNL Cost Reduction Committee, efficient operation by all members of the Brookhaven staff is the key to cost reduction.

"Everyone who reads this article should strive to operate as efficiently as possible, thus automatically reducing costs. Every job that is undertaken should be prefaced by the following questions:

Am I performing to the best of my ability?

Has thought been given to an alternate method or process?

Are the tools adequate and in the best condition to help perform this work?

Is there proper communication and coordination with the supervisor regarding the work to be accomplished?

"If the answer to these questions is yes," said Desmond, "cost reductions are already being effected.

"Do not keep new ideas to yourself. In many cases an idea may have site-wide application. Take the time to write down your suggestions and present them to a cost reduction representative as listed below."

Organizational Unit	Representative
AGS.....	H. McChesney
Applied Mathematics.....	S. Rideout
Plant Design & Construction.....	P. Mohn
AUI (Internal Audit).....	F. Federmann
Biology.....	J. Stangby
Chemistry.....	N. Munhofen
Fiscal.....	V. Bilms
Information.....	D. Puleston
Instrumentation & Health Physics.....	L. Suydam
Mechanical Engineering.....	C. Reed
Medical.....	A. Finn
Dept. of Applied Science.....	C. Raseman
Personnel.....	M. Petty
Photo & Graphic Arts.....	J. Garfield
Central Shops.....	R. Lehn
Physics.....	H.R. Manning
Plant Operations & Maint.....	J.C. Rowland, Jr.
Purchasing.....	B. Quinn
Reactor.....	R. Fuchs
Security.....	E. Burke
Staff Services.....	W. Webster
Supply & Materiel.....	G. Fales
Systems & Data Processing.....	W. Kameika
Director's Office.....	G. Kinne

Micro-Pictures Answers

1. Compound eye of an earwig magnified 1,000 times.
2. Wing surface of a house fly magnified 2,500 times.
3. Wing of a moth magnified 2,000 times.
4. Portrait of an aphid 200 times life size.

Bowling News

Irma Carl

Purple League

We still have a problem with first place due to a postponement. Exots, after the match is made up, are either in first place or in a three way tie with S&M and Designers.

Joe Noran made the 600 award group with a 206-222-602 series. Good games were bowled by Mike Guacci 212-544, Vinnie Felice 538, Joe Cuccia 528, Tom Lee 518, Phil Borzi 509, Charlie Zavesky 508, George Hardman 507, Jere Austin 502 and "Cookie" Spence 231-490.

Red League:

The Dimwits, with a slight lead, are in first place going into the last night. Honorable mentions were Sam Kiss 203, and Rich Larson 205, 206.

Pink League:

First place for the first half is anyone's guess as it has been for some time. Barbara Pinto was in good holiday spirits with 192. Charlotte Martens, Pat Fox, Brita McGonigle, and Marge Stoeckel were all good little elves. See you all again on Jan. 6.

Soccer

M.T. Hutchings

The Gym is reserved for soccer between 7:00 p.m. and 9:30 p.m. on Monday evenings for five-a-side indoor soccer. We play every Monday so come along or phone 7608 or 7193 if you feel like some exercise. We also venture outside on weekends if the weather is favorable.

BERA has now provided us with six balls - two good match balls, two practice leather balls, and two rubber balls.

Brookhaven Booters Photographed



Relaxing at half-time during a recent game at New Haven against Yale Graduates, the Brookhaven Soccer Team poses for a picture. In the front row (left to right) are: Carl Rorvik, Bill Gelletly, and Gilbert Chow. Back row (left to right) Frank Campbell, John Aggus, Dave North, Dave Cox, Arni Boyum, Mike Hutchings, Mike Holliday, John Preece (a guest player), Ken Batchelor, Pete Webster, Ralph Fairchild, and a young enthusiast, Wendy Batchelor. — Knudsen

Met Opera Tickets On Sale Monday

The Recreation Office has received notification from the Metropolitan Opera Guild that the long-delayed opening of the opera season will take place on December 29th.

Tickets for operas through the month of January will be on sale at the Recreation Office starting at 9:00 a.m., Monday, December 22nd.

To refresh your memories as to the ticket selling procedures, please note the following:

1. BERA seats are located in the Family Circle Section and are priced at \$2.50 per ticket.

2. An employee may purchase 2 tickets to one opera. (You will be given the opportunity to purchase 2 additional tickets to another opera when the remainder of the schedule has been published and tickets are available for sale. Watch the *Brookhaven Bulletin* for this information.)

3. Tickets are intended for the employee and members of his immediate family. It is understood a single employee may wish to buy an additional ticket for his or her escort.

4. An employee must appear in person at the Recreation Office to purchase tickets.

5. Tickets will not be returnable or accepted for refunds at the Recreation Office.

Schedule through January

December 30	Andrea Chenier
January 1	Madam Butterfly
January 5	Madam Butterfly
January 6	Andrea Chenier
January 12	Cavalleria/Pagliacci
January 15	Andrea Chenier
January 19	Magic Flute
January 20	Cavalleria/Pagliacci
January 26	Madam Butterfly
January 27	Tosca
January 29	Magic Flute

Slo-Break Basketball

by George Latham

In last Thursday night's action, the Dirty Dozen, after leading 16-15 at half time, pulled away to defeat the Highballs 41-32. Lou Snead had 10 points for the Dozen, while Bob McGonigle had 9 points for the Highballs.

The Knacks ran up the highest point total in recent years downing AMD 65-26. Bob Jansson had 17 points for the Knacks, and Les Lawrence 13 points for AMD.

In the closest game of the night, Biology downed Chemistry 40-36 in overtime. Bob Bores of Biology sent the game into overtime by making a foul shot with 5 seconds on the clock. Joe Abata had 16 points for Biology, while Fay and Turner each had 10 for Chemistry.

The Tandems defeated Physics 51-16. Bob Rowley had 17 points for the Tandems; Fred Huson scored 6 for Physics.

The standings -

Associated League	Won	Lost
Knacks	3	0
Dirty Dozen	2	1
Highballs	1	2
AMD	0	3
University League		
Biology	2	0
Chemistry	2	1
Medical	1	1
Tandems	1	2
Physics	0	2

Classified Advertisements

Positions Available

SECRETARY - Staff Services.

Employees interested in applying for above positions should inform their Supervisor and file a written request with the Employment Office.

Please note: New positions available will be listed once in the Brookhaven Bulletin and will not be repeated thereafter.

Autos & Auto Supplies

62 CHEVROLET - 4 dr, auto trans. \$200. A. Mahlmann, Ext. 7374, MO1-6078.

60 METROPOLITAN - Motor & body in good shape, 32 mpg. \$200. 734-6550.

64 DODGE POLARA - 383 eng, 4 spd Hurst, excel cond. \$675. Ext. 318, 924-3783 after 5.

66 CHEVY IMPALA - New tires, batt, shocks. \$1250. Steve, Ext. 7467.

68 BUICK SPECIAL - 4 dr sedan, auto trans, r/h, ps. \$1650. L. Padwa, Ext. 2441.

64 TRIUMPH TR-4 - Red Conv, new eng last yr, new Abarth exhaust, new Koni shocks, new radial tires, excel cond. \$1400. S. Anderson, Ext. 2411.

58 TR-3 - Very good cond, new trans & int. GR5-4655.

62 JAGUAR XK-120 COUP - 3.8 litre eng, Isky cams, disc brakes, set for SCCA racing, many spare parts & trailer. 878-1738.

SNOW TIRES - Goodyear, w/studs, used 1 winter, 1500 mi, 6.45x14, fit MGB, \$40; ski rack for sports car, new, \$10. AT6-8945.

63 FORD FAIRLANE STATION WAGON - 6 cyl, stick, very good cond, good gas mileage, well maintained, new tires. \$350. E. Ottewitte, Ext. 2532.

TRAILER HITCH - For VW sedan, husky axlemount type. \$6. John, Ext. 337.

66 MUSTANG CONV - Red/white top, V8, console, bckts, wood grain int. extras, excel cond. \$1450. C. Nielson, Ext. 7677, 325-0968.

65 OLDS 88 - 2 dr, good cond. \$875. Harry, 475-9790.

64 FORD GALAXIE 500 - V8, auto trans, w/w, good tires. \$500. 475-0002 after 6.

62 FORD FAIRLANE - 2 dr, ps, auto trans, r/h, good trans. \$75. 289-3190.

61 FORD GALAXIE - V8, auto trans, good tires, eng not running. \$50 or will sell for parts. F. Rumph, Ext. 7581.

61 RAMBLER - In very good cond, 6 cyl, 4 dr, std trans. \$175. Margie, Ext. 7503, 734-5858.

69 CHEVELLE SS 396 - 350 hp, 4 spd shift, dual exhaust, red/blk vinyl top, excel cond, owner in service. \$3000. 924-8615.

65 DODGE DART - 4 dr sedan, low mileage, orig owner, excel cond. Asking \$800. G. Rosenhagen, 924-6884.

60 RAMBLER CROSS COUNTRY STATION WAGON - Has rattles, will travel. \$100. Tom, Ext. 2195, GR5-7227 after 6.

61 FORD FALCON - 4 dr sedan, auto trans, good tires incl extra mounted snows, needs eng work. \$100. Bob, Ext. 691, 929-4270.

SNOW TIRES - 6.00x13 Firestone Town & Country, w/w, almost new. \$25/pr. 234-5487 after 6.

59 FORD - 6 cyl, std trans, 4 dr, good reliable 2nd car. \$75. J. Bauerfeind, Ext. 2822/7827.

40 FORD CONV - Restorable, must sell. Best offer over \$150. Tom, JU8-4766 after 6.

CRAGAR MAGS - For Chrysler products, \$30/pr; also various antique car parts, must sell. Tom, JU8-4766 after 6.

59 VW SEDAN - In running order, will need clutch soon, factory rebuilt eng has 22,000 mi. \$100 or best offer. Ext. 7647.

Boats & Marine Supplies

8' PLYWOOD SAILING PRAM - W/oars & sail. \$55. Frank, HR2-1206 after 6.

Miscellaneous

SHASTA 16' TRAILER - Sleeps 5, gas refrig, heater, press water, equalizer hitch, brake control, spare, toilet, excel cond. 584-5325 after 6.

GIRL'S WINTER COAT - Size 10-12, never worn, red 100% wool w/fur collar, too small for owner. Orig price \$24, sell \$12. John, Ext. 2149/307.

2-60S SLAVE LIGHTS - Honeywell Strobolar, w/ brackets & heavy duty stands. \$50 ea. AT9-5530.

ELEC GUITAR - Adjustable dual pickup, tremolo bar, fully adjustable bridge, lead & base switches, tone control, as new, tested only, w/case. \$48. AT6-0295.

GENUINE ANTIQUE WOOL SKEINER - Very good cond, can be used as plant stand, makes good conversation piece. C.F. Hull, 744-5969.

CHILD'S ROCKER - \$7; lawn chairs, \$6; elec shaver, Remington 550 Selektronic Worldwide, 6 settings, cordless, almost new. Ext. 508.

RUG - 1-10'x15' golden yellow; 1-6'x9' olive green. Ext. 508.

PORTABLE ELEC TYPEWRITER - Smith-Corona, excel cond. \$125. HR2-1356 after 6.

OLD TIME CRANK RECORD PLAYER - & cabinet, in playing cond. \$40. HR2-1356 after 6.

MARBLE TOP ANTIQUE DRESSER - W/mirror, good cond. \$50. HR2-1356 after 6.

MAKE YOUR WEEKEND A 4-DAY VACATION - Via the scenic route, introductory flight experience. \$3/1/2 hr, certified senior pilot. A. Roesch, Ext. 7667.

SHEPHERD PUPS FOR CHRISTMAS - Pure bred, no papers, 4 wks old, self feeding, see both mates. Molly, GR5-5737.

21" TV - Am radio & phon combo, good looks & good working cond. \$50 firm. J. Schirmer, Ext. 7111/2450.

AKC ST BERNARD PUPPIES - Choice of several excellently marked males/females, will be ready before Christmas. From \$150. Ext. 418.

4 METAL FREIGHT CARS - W/trucks & working couplers, HO scale, sell or trade for old timers. J. Hallock, 2480.

COMBO ORGAN - Excel cond, orig \$700; 30 watt amplifier, orig \$100; both/\$400. HR2-1356 after 6.

MARBLE TOP COFFEE TABLE - \$40; 2 Ital Prov end tables, \$30/pr; Billrite coach carriage, \$10; candlestick lamp, \$40. P. Grand, Ext. 2481.

GARRARD TURNTABLE - Synchro Lab 75, Dynaco 70 stereo amplifier kit, Pickering XV-15 AME elliptical cartridge, new boxed. \$165. Don, Ext. 2430.

FIREPLACE LOGS - Seasoned oak, 18" long. \$12/\$1 while they last. 924-3236.

PUPPIES - Just in time for Christmas? 1/2 German Shepherd, 1/2 Labrador. Free. Dick, Ext. 601, WA9-4551.

40" KELVINATOR RANGE - Elec; 5' top & base birch cabinets. Jim, Ext. 7517, GR5-7021.

CAMPER - Apache Ramada 1968, all weather, windows, spare tire. \$1350. Steve, Ext. 7467.

POODLE PUPS - AKC, silver, 1 male, 2 females, mini, deposit will hold till Christmas. \$65 ea. MO9-1772 after 5.

SIAMESE KITTENS - 5 1/2 wks by Christmas, 2 males, 2 females, CFA reg. Ext. 2179, JU1-7165.

ORIGINAL SERIGRAPH PRINTS - Signed & numbered. Plotkin, Ext. 7103.

TANK - Bred discus, 4 1/2 mos old, 3+ in. \$5 ea, firm. Moose, Ext. 2830, HR3-2608.

INTERNATIONAL HARVESTER CUB CADET - 10 hp, w/42" mower, \$550; lawn vacuum attachment, \$200. Webster, 286-3647 eves.

WURLITZER PIANO - Console, walnut finish, excel cond, like new. \$1250 new, asking \$650. Webster, 286-3647 eves.

MC CULLOCH CHAIN SAW - "Mac 15" roller tip bar, auto oiler, very good cond. \$75. 727-0171 after 5.

HOT WATER HEATING CONVECTORS - 48"x24"x 8 1/2", \$12; 32"x24"x6 1/2", \$10. Ext. 2515.

AKC ST BERNARDS - 1 male & 1 female. 734-5972 after 6.

ICE SKATES - Children's sizes 10 & 11, perf cond, Reidell shoe, Princeton blades. \$8/pr. F. Paffrath, Ext. 2287.

ENLARGER - Omega D2 4x5 Wollensak 155 mm & Zeiss 75 mm 4.5 lenses, extra asstd glassless holders, 3-4x5 tanks. 727-4884 eves.

CHEMISTRY SET - Almost new. Ann, 286-2280.

FRYER-COOKER - Auto elec fry, stew, braise, steam & roast, brand new. \$9. Ext. 2492.

ROLLEI 35 - Beautiful miniature 35 mm camera w/ meter, Zeiss lens, immaculate cond, 3 mos old. \$140 firm. Llacer, Ext. 618.

TUPPERWARE - From dealer's kit, at cost; Girl Scout uniform, size 10. Maureen, 924-8225.

CADETTE GIRL SCOUT UNIFORM - Skirt, blouse, etc, size 14, like new. \$5. 289-3190.

1 HORSE SLEIGH - Excel cond. \$135. Hank, 744-9812 after 6.

CORNER SECTIONAL SOFA - 3 pc, Danish mod, walnut frame, foam rubber, inner springs. \$65. R. Albert, Ext. 7525/7686.

BLONDE CRIB & MATTRESS - \$25; white wicker changing & storage table, needs new mat on top, \$6. C. Nagle, Ext. 2501, 281-7627.

WOMEN'S ROLLER SKATES - Size 7, very good cond. \$8. M. Koczak, Ext. 7168, AT6-0544 after 6.

WOLLENSAK TAPE RECORDER - Model T1500, very good cond. \$95. M. Koczak, Ext. 7168, AT6-0544 after 6.

BLONDE FALL & WIGLET - Real hair, hardly worn. \$125 when new, asking \$75. Bonnie, Ext. 2745.

RECORD PLAYER - 4 spd stereophonic, portable. \$10. Hooper, Ext. 7464.

CAR SEAT - Excel cond. \$5. 363-6850.

BABY CARRIAGE - Bought in Switzerland, owner leaving country, must sell within 5 days. Orig \$140, sell \$50. Ext. 501.

35 MM CAMERA - F/2.8 lens, coupled rangefinder, light meter, w/flash & acces, takes excel photos. \$20. Ext. 7792/532 after 6.

2 RM DIVIDERS - Screen type, amber colored plastic w/walnut frames, approx 30" wide, adjustable hgt. \$10 ea. R. Hoyte, Ext. 7266.

BOY'S SPORT JACKET - Size 14, lt & dk brown speckled twill, perf. Cost \$28, asking \$10. Ext. 2373, 751-1315.

MEN'S JEWELRY - Matching cuff links & tie clasp, 4 types, all new. John, Ext. 7685.

CHILD'S DELIGHT - Doll's carriage, high chair, playpen & crib, used very little. \$15. John, Ext. 7685.

GIRL'S FIGURE SKATES - Size 5, excel cond. \$6. J. Costanzo, Ext. 548, AT9-0876.

BICYCLE - Schwinn Stingray. Ext. 7537.

GOWN - Full length, green velvet, size 10, like new. \$6. 289-1754.

20" PHILCO TV - \$20. Ext. 2891.

FREE - 2 male, 1 female fluffy type kittens, 7 wks old on Christmas day, guaranteed to eat. Ext. 558.

FUR COATS - Blk persian lamb, \$50; white fur coat, \$30; size 18-20. Singer, Ext. 455.

WALL OVEN - Coppertone, \$35; maple corner table, \$35. Ext. 586, GR5-7372.

Wanted

HOMES - For puppies, 2 males, 2 females, tan & brown, nice for Christmas. 475-0961 after 6.

ICE SKATES - Girl's, shoe size 8&9. P. Mohn, Ext. 2337.

STENO CHAIR - Casters, swivel preferred. Tony, Ext. 2922.

USED TAPE RECORDER - In reasonable cond, '58-'62, Revere or Webcor. Tuttle, Ext. 2452.

PROOF SETS - 1968-S at \$8 ea; also interested in purchasing other numismatics reasonably priced. Belfiore, Ext. 7294.

LESLIE TONE CABINET - For use w/organ. G. Hrabak, Ext. 2713, LT9-2389.

SKIS - 6' or longer, w/wo bindings. Palmer, Ext. 7269.

PACK & FRAME - In good cond, for average sized male. P.C. Rogers, Ext. 7336.

2 BEDRM HOUSE - Close to Lab. Ext. 548, 698-1054 after 6.

CAKES TO BAKE & DECORATE - Only finest ingredients used, beautiful sugar flowers & novelty cakes. Amelita, Ext. 7717.

PETS - Going skiing or on winter vacation? Reliable pet sitting, reasonably. Tony, 924-8225.

CHRISTMAS SHOPPING? CHRISTMAS PARTIES? - Need a babysitter? High school girl avail eves, Bellport, E. Patchogue, Patchogue. Janet, 286-0906.

STUDENTS - Who wish to study piano, accordion or organ, beginners or advanced, my home or yours. Don, 281-8044 after 5.

1 DOG HOUSE - Preferably small. Susan, Ext. 670.

.22 CAL RIFLE - Must be very reasonably priced. Chester, Ext. 7642.

CHILD'S ROCKING HORSE - Old fashioned, wooden. Dan, Ext. 7662.

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

2 ACRES - 500' off Jericho Tpke on Wilson Ave, Gordon Heights. \$6000. 732-3443.

BLUE POINT - 3 bedrm ranch, liv rm, din rm, sun porch, fireplace, built in bookcases, expansion attic, fenced patio, 160x150 wooded plot. \$28,000. By appointment only, 472-2372 after 5.

For Rent

FURN HOUSE - 2 bedrms & den, recently redecorated, security & lease. \$150/mo. 727-4884 eves.

FURN HOUSE - 4 bedrms, E. Patchogue near Great South Bay, avail for occupancy Feb-July or Aug 1970. Ext. 2729, 475-1372.

Carpools

PAYING RIDER - Needs ride for midnight-8 shift, So. Country Rd, E. Patchogue. Wendy, 475-0961.

Holiday Schedule For Recreation Facilities

The Recreation Building, Swimming Pool and Gymnasium will remain open as per their normal schedules throughout the month of December with the following exceptions:

Swimming Pool			
Dec. 22	12:00-1:00 Emp.	1:00-9:30 Emp./Family/Guests	
Dec. 23	"	"	
Dec. 24	12:00-4:00 Emp./Family/Guests		
Dec. 25	Closed (Lab Holiday)		
Dec. 26	Closed (Lab Holiday)		
Dec. 29	12:00-1:00 Emp.	1:00-9:30 Emp./Family/Guests	
Dec. 30	"	"	
Dec. 31	"	1:00-6:00 Emp./Family/Guests	
Jan. 1	Closed (Lab Holiday)		
Jan. 2	12:00-1:00 Emp.	1:00-9:30 Emp./Family/Guests	

Recreation Building

Closed December 22 through January 1, except for scheduled Christmas parties.

Recreation Office

Closed December 24, 25, 26 and January 1.

Film Service Office

Closed December 25, 26 and January 1.

Christmas Decorations (Continued)

writers Laboratories label, present a much less serious problem, and need not be reported to the Fire Marshal.

Reason should be applied in the use of combustible decorations. Obviously, a single cut-out paper tree, or a wreath on the door does not present a serious fire hazard. However, large quantities of combustibles hanging from lighting fixtures and on walls can lead to rapid fire spread and serious fires.

Carefully examine and replace light sets showing signs of wear. Lighting sets should carry the label of Underwriters Laboratories, Inc.

Home Safety

Freshly cut Christmas trees, when properly watered, maintain a high moisture content and are not the fire hazard many persons mistakenly believe. In fact, it can be shown that a well watered tree can be difficult to ignite even with sheets of burning newspaper.

Unfortunately Christmas trees are purchased from many sources, and many trees have been cut long before they are sold. For a natural tree (fir, spruce, pine), pick a fresh-looking, firm-needled tree, no bigger than you need - the larger the tree the greater the hazard. Saw off the butt at an angle an inch or more above the original cut and stand the tree in water until it is brought into the house. While in the house, the tree should be firmly supported, with an ample water supply. (A 7' scotch pine, properly set up and cared for, can consume more than one gallon of water a week.)

Turn off tree lights during sleeping hours or when away from home. Always check for needle browning around each bulb. If this condition exists, change the location of the bulbs.

Use only those decorations you know are noncombustible or "flameproofed". Cotton, paper or other fast burning materials should not be used on or around the tree.

Dispose of the tree immediately after the holiday, or when the needles start falling.

Artificial trees need care in selection and handling, too. While most artificial trees are fire-retardant (which means they will not develop quickly into a roaring blaze as dried-out natural trees will do), they will char, smolder or melt when subject to heat or open flame. The best precaution is to buy a tree with the Underwriters' Laboratories, Inc. label.

Metal trees, while not fire hazards, may present electric shock hazards. Do not use strings of electric lights on metal trees for this reason. Instead, decorate with the usual arrangements and illuminate with spotlights located away from the tree.

DRIVER WANTED - Bellport-Brookhaven area, 8:30-5, will pay weekly. Ginette, 286-0091.

DESIRE DRIVER - From Massapequa & vicinity (Wan-tagh OK). Ext. 2942.

FORMING CARPOOL - From Exit 57 LI Expwy. Bill, Ext. 2153.

DRIVER WANTED - To compl existing carpool from Exit 52 (or further west) on LI Expwy. Elliot, Ext. 2103.

DRIVERS WANTED - To compl existing 2-member carpool from Riverhead. Bill, Ext. 369.

Lost & Found

LOST - Man's wedding ring on ground behind ADP Bldg. Gilin, Ext. 7163. Reward.

WILL THE PARTY - Who called me about the lost laundry please call again. W. Lyman, Ext. 2477.

Classified Ad Policy

Deadline is 12 noon Friday for publication the following week.

- The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
- All items for sale or rent must be the advertiser's property.
- Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
- Firearms offered for sale or trade may not be brought on site.

- Ads not carried because of space restrictions will be held for publication in the next issue.
- Ads are run only once and must be resubmitted if they are to be repeated.
- Ads should be restricted to 20 words or less and typed or printed on the form provided, and must bear the employees signature.

For Sale: Auto & Auto Supplies Wanted
 For Sale: Boats & Marine Supplies Carpools
 For Sale: Miscellaneous Lost & Found

Check the heading applying to your ad.
Print or type your ad in 20 words or less.

Ads concerning 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, Room 112, 40 Brookhaven Avenue.

(Name & Phone No. To Call)

Employee's Signature Life No. Ext.

Send to: Brookhaven Bulletin, 40 Brookhaven Avenue