



## R. Davis Condemned To 10 Day Stretch After Houston Break

Raymond Davis, a Principal investigator in the Lunar Receiving Laboratory in Houston, Texas, representing Brookhaven Laboratory, was "condemned" to a 10 day stay in isolation after a break in a rubber glove exposed him to the lunar atmosphere.

Davis and 10 other scientists who were working with the new samples shortly before the release of the lunar atmosphere, were quarantined with the Apollo 12 astronauts until December 10.

According to Raymond (Dutch) Stoenner, who is in Houston as Co-investigator with Davis, "Ray was showering after working on the sample when the break occurred. Some of the other scientists crowded into the shower room hoping to escape quarantine, but it was decided that all of the 11 men would be placed in isolation."

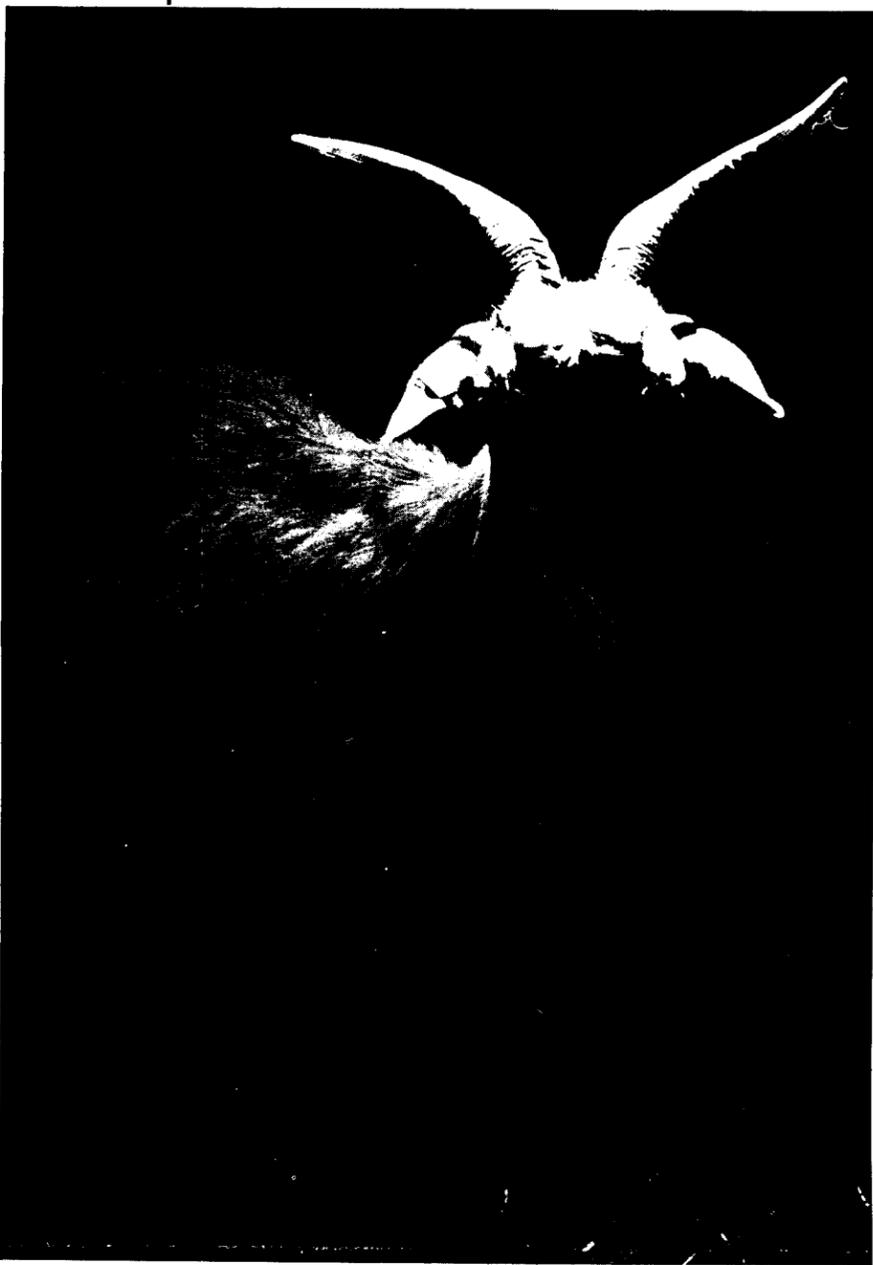
While Davis is in the isolation quarters with 27 other people, Stoenner will continue experiments that have been started. "It's sort of lonely now," Stoenner reported to his wife, "but I suppose we will manage somehow."

Before starting experiments in the Lunar Receiving Laboratory, Stoenner and Davis had agreed to avoid being near the lunar samples at the same time in case any such accident happened. At the time of the glove box break, Stoenner was working in another lab remote from the lunar samples.

Besides the three astronauts and the 11 scientists, there are 14 persons of the support crew living in the quarantine quarters.

Davis and Stoenner, both members of the Chemistry Department were doing gas analyses of the moon rocks as a continuation of experiments that were started on the first moon samples returned to earth during the Apollo 11 mission. Included in the 90 pounds of moon rocks brought back during the Apollo 12 mission were several large rocks weighing as much as 4 pounds each. One of the large samples measured over 7 inches in length.

## Research Helper



An ad for Bock beer? Or perhaps just some horns waiting for a dilemma to come along? The owner of this magnificent set of horns is a member of the research team at BNL that is finding the answers to many human problems. More pictures of research animals at Brookhaven are on page 2. —Humphrey

## Of Mice and Men

by Bernice Petersen

If you think it's a chore to clean up after your son's white mice, scour the fish tank, or tackle the chameleon's cage when it's beginning to look cloudy, read on.

In the Medical Department, a group of unsung heroes work 365 days a year caring for one of Brookhaven's most important research groups - the animal colony.

There are mice, guinea pigs, rabbits, rats, swine, calves, heifers, goats, sheep and even some turtles and toads. Supervised by Veterinarian Dr. Gerry B. Stevens, Tony Chituk and a staff of 13 in Veterinary Services, they are some of the most carefully tended animals anywhere around.

Cleanliness is really next to godliness in this field. Twice a week in the main building, which is air conditioned throughout to maintain an even temperature, the small animals are transferred to cages that have undergone a rigorous washing and have been autoclaved for ten minutes at 250°. The rooms are spotless and, if you are so inclined, you could eat off the floors.

### No Mud for Pigs

The pens for the swine are cleaned inside and out every day. Each pen has a 20 ft. run, ten feet of which is heated (much to the pig's delight) and these runs are swabbed down every afternoon after 4 p.m. Incidentally, a new breed of miniature pig has been developed and it is ideal for research as it takes about two years to grow to full size and is less than half the weight of a regular pig. Brookhaven presently has five of them.

The other large animals are housed in a barn built especially for them. It has its own facilities and is independent from the main building.

The men are assigned to work with only one species of animals at a time and stay with them until the job is done. Should they then transfer during the day to another group, they must shower and change. If a man reports to work after being absent

## AAAC Luncheon Meeting

The Affirmative Action Advisory Committee invites all employees to attend its meeting on Wednesday, December 10 at noon in the Cafeteria.

At the first open lunchtime meeting of the AAAC, members of the Medical, Purchasing, Physics and Accelerator Departments joined a discussion of such matters as the "realm" of an affirmative action committee and the Craft Apprentice Program. Everyone agreed that more thought on affirmative action is necessary Lab-wide, and the Committee was encouraged to publicize affirmative action activities of individual departments at the Lab.

The Committee wishes to announce that Julian Bond will speak at the Islip Arts Theatre of Suffolk Community College on Saturday, December 6. Admission is free, but seating reservations should be made by calling the College, 732-2277.

## Worcester Valvelab Coming to Brookhaven

A totally self-contained "valvelab" will be visiting on site Tuesday, December 16. Displayed are valves and controls manufactured by the Worcester Valve Company, Worcester, Massachusetts.

Featured at this display are ball and butterfly valves, available in a multiple of materials. These two types are shown both with actuators for remote control, as well as manually operated. Several installations in Brookhaven have been equipped with them. The uses are varied, as pressure ratings up to 3000 psi are available. Sizes range from 1/4" to 12".

The "valvelab" will be open for all interested parties throughout the day. It will be situated in the parking lot between the Theatre and Cafeteria. Worcester's New York distributor, the H.P. Sherman Company of Brooklyn, New York, will be sponsoring this visit.

## Snow Closing

As in past years, Lab employees are urged to listen for closing notices before starting to work on a snowy day. Information on emergency closing due to inclement weather will be carried by the following radio stations:

	AM	FM
WRIV Riverhead	1390	-
WHRF Riverhead	1570	103.9
WPAC Patchogue	1580	106.1
WALK E. Patchogue	1370	97.5
WLNG Sag Harbor	1600	92.1
WBAB Babylon	1440	102.3
WHLI Hempstead	1100	98.3
WLIX Islip	540	-
WGSM Huntington Station	740	94.3
WGLI Babylon	1290	-

## Retirement Plan Officials Here



Thomas C. Edwards, (left) President of TIAA/CREF, and Dr. Roger Murray, (right) Executive Vice-President and Chairman of the CREF Finance Committee, fielded questions from the BNL Staff during a recent visit to Brookhaven. During their visit, the men explained the retirement planning objectives and operation procedures for the two plans. —Laubert

## French Group of BNL

The French Group will hold a Christmas party Wednesday, December 10, at 8:30 p.m. at the Cafeteria Conference Center. Refreshments will be served and Betsy Palmado will offer a musical program consisting mostly of old French folk songs.

Everybody is welcome. Admission \$1.50.

## New Schedule for Safety Items

Safety equipment will be issued on the lower level of Building 535 as follows:

### Safety Shoes

Mondays 1330 to 1630  
Thursdays 0900 to 1200

### Safety Spectacles

Mondays 0900 to 1200  
Wednesdays 1330 to 1630



I. Danowski and C. Otto get dressed in sterile clothes before working in a "clean area."

for say, two days with a cold, he has to report to the clinic to be checked out before he can continue working with the animals. In the "clean area" where the sterile cages are prepared, authorized personnel must don laboratory coats and rubber shoes.

### New Animals Quarantined

All animals received from outside Brookhaven must go through a two-week quarantine period before they are transferred to the other buildings. In the cleaning routine, the quarantine building is cleaned last to lessen the danger of carrying disease to the other animals.

There are breeding rooms for mice and guinea pigs. BNL has developed its own strain of mice, the Swiss-Albino, and breeds about 30,000 a year. There are also about 1,000 guinea pigs of the Rockefeller strain produced annually. Then you add about 3,000 rats, 85 goats and lesser numbers of the other animals and that pair of white mice at home begin to look like no trouble at all.

If dogs and cats are needed, they are bought from licensed dealers or breeders and strict records are kept. Some of the

(Continued on page 2)

**Medical Department Research Partners**



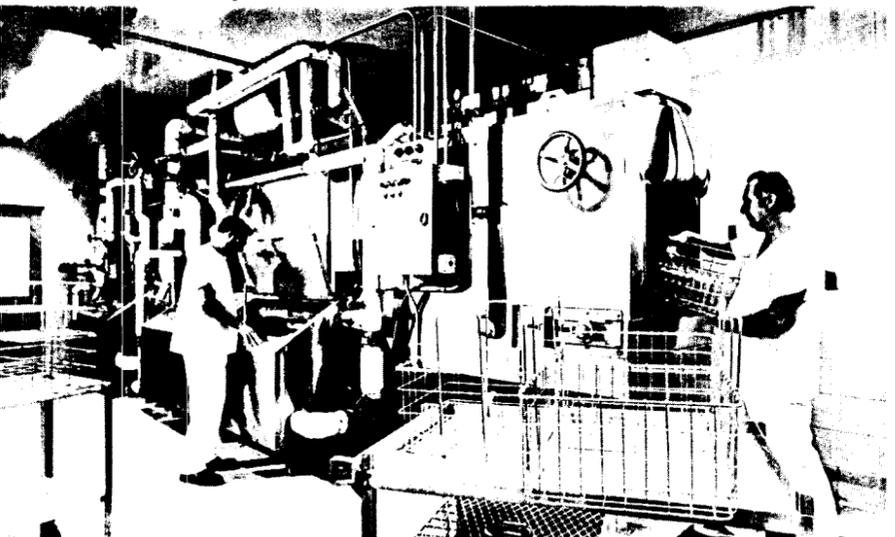
Tom Kelly checks the cleanliness of a guinea pig before replacing him in a cage in an experimental area.



Pastoral in BNL



Clean, fat and contented is this porker as he poses for a portrait.



J. Gallo and J. Van Etten load a tunnel type cage washer which feeds clean animal cages directly into the "clean area."

**Animals**

(Continued)

larger animals come from various parts of the country and sometimes the staff gets more than they bargained for. Recently a shipment of goats was received from Texas, presumably all female. However, some cowboy had placed a male in the group and BNL had some pregnant females on hand. The resultant offspring were brought up properly by Veterinary Services.

The staff works a five-day week with two days off, on a rotating basis. Weekend duty comes up about once a month for each man and, at that time, two men handle everything. Enough food and water to last through the weekend is prepared for the cages on Friday. As Monday is a busy day at the animal quarters, one of the recurring nightmares is the possibility of a heavy storm over a weekend making roads impassable. But it is imperative that the animals be attended to and, as Tony Chituk says, "we would just have to find a way to get here."



Veterinary Services Staff of the Medical Research Center are; (front row) George Counadis and Tom Kelly. (Second row) Kenneth Conroy, William Maston and Ralph Tuthill. (Third row) Joseph Kenny, Joseph Gallo, Dr. Jerry Stevens and John Van Etten. (Last row) Antone Chituk, William Lorenz, Carl Otto and Isidor Danowski. Not present for the photo were: Maurice McIlwee and Salvatore Miceli.

**Here and There**

Claire Lamberti

T.V. Sheehan (DAS) attended the ASME 1969 Winter Annual Meeting in Los Angeles, California on November 16-20. He attended this meeting as a member of the Nuclear Engineering Division Executive Committee and representative to the Power Department.

Carl R. Flatau (Accelerator) attended the American Nuclear Society Winter Meeting, November 30 through December 4. He was Session Chairman of the "Specific Purpose Equipment and Systems" Session and presented a paper entitled "Compact Servo-Master Slave Manipulator with Optimized Communication Links."

P.F. Dahl (Accelerator) gave a talk on "Superconducting Synchrotron Magnets" at the Dept. of Aerospace Engineering, University of Virginia on November 17.

A retirement party for Ray Cabre and John Gorr (both of Accelerator) will be held on December 19 at Mickey Felice's Steak House, South Ocean Avenue, Patchogue, at a cost of \$21 per couple. Tickets are available from Audrey Bangel, Bill Keating, Mike McKenna, Flop Reeve and Terry Terlizzi. Please respond by December 12.

**Dollars and Sense**

Frank Federmann

**The Real Cost of Being Charitable**

In the last issue of the *Brookhaven Bulletin* the Laboratory began its fall fund-raising campaign for the *United Fund of Long Island (UFLI)*. In announcing this campaign, BNL has expressed the hope that employees will support this worthy cause.

Because of high tax rates, the actual cost of contributions to UFLI may be considerably less than you think. In fact, your cost may be only 75% or less of the amount pledged. Why is this so?

Charitable contributions are allowable deductions from gross income if you itemize deductions on your federal and state tax returns. Therefore, you only pay tax on the income remaining after deductions and exemptions, saving the tax you would have paid had such deductions not been claimed.

The effect is that your contribution to UFLI or other recognized charities is shared by Uncle Sam, and your net after-tax cost is something less than the amount you pledged.

The table below, which reflects the 10% surcharge we will have to pay for 1969, shows the approximate net after-tax cost per \$100 of a deductible charitable gift by individual taxpayers for selected brackets:

Taxable Income Before Deducting Contribution	Cost per \$100 of Deductible Charitable Contributions		
	Married		Head of Household
	Single Person	Filing Jointly	
\$ 8,000 - \$ 9,999	\$69	\$76	\$73
10,000 - 11,999	65	75	71
14,000 - 15,999	57	72	65
20,000 - 21,999	47	65	56

This same thinking also applies to other expenses that are allowable as deductions on your tax return. Your net after-tax cost of medical expenses, interest, and real estate taxes is considerably less than your payments for these items.

**Arrivals & Departures**

**Arrivals**

- Thomas A. Darmanin.....P.E.P.
- Richard J. Gatti.....Photography
- George I. Glover.....Biology
- Eugene D. Hassell.....Physics
- Richard R. Miko.....Staff Services
- Harmon A. Oliver.....Central Shops
- Helen J. Parmentier.....Photography
- Linda A. Senior.....Physics
- Alvin J. Vestal.....P.E.P.

**Departures**

- Jack A. Cockrill.....Accelerator
- Isaac W. Cole.....Personnel
- David M.M. North.....Physics
- Colin D. Stewart.....Accelerator

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Public Relations Officer

**Tune In!**

#54 - I would like to see the drinking water analyzed that is coming out of water fountains and sinks, in every building on the Lab site. I think the findings will be very interesting for everyone concerned.

Control on water quality is at the water treatment plant where we chlorinate all water going into the system and where we remove iron from all water going into the system. In this sense, we run a municipal public water supply producing potable water as defined by the Public Health Service.

A monthly bacterial analysis is made to assure a "most probably number" of less than one.

A quarterly chemical analysis is made to assure that impurities do not exceed recommended P.H.S. standards.

Because of the great variety of research and process uses to which our water is put in addition to human consumption we must, and do maintain very high standards. If the writer has a specific complaint, we would like to know about it, but the analyses requested are unnecessary.

M. Small, Plant Engineering and Planning

#27 What does the BNL "think tank" feel about the growth prospects for this laboratory? We recognize that the budget has been decreasing for the past 2 to 3 years, but is there any hope for funding new projects in the foreseeable future? Shouldn't a younger engineer seek employment where growth is indicated, rather than staying aboard a "sinking ship"?

In spite of the current budgetary difficulties the Laboratory is experiencing, we remain optimistic about the long range future. There are fields open to the Laboratory that offer many possibilities of new activities.

Active consideration is being given at this time to possible proposals for the increase of the energy of the AGS, and at a later date the addition of a new larger accelerator on site. There is also a proposal for a significant increase in the power level of the HFBR. The Scientific Departments have generated many other proposals for entering various new fields of work. For instance, there is a committee investigating the possibility of enlarging the Laboratory efforts in the environmental sciences. It must be realized that the future financial health of the Laboratory will also be influenced by the overall national budgetary scene.

In the last analysis, of course, it is an individual determination for each person to make, as to whether or not the growth potential offered at Brookhaven National Laboratory meets the goals the individual sets for himself.

George Vineyard, Deputy Director

#39 My husband and I are currently looking for a desk or work bench, and I was wondering whether the Lab has any surplus or old furniture it would be willing to sell. I know that from time to time large institutions such as BNL dispose of old furniture, and I would be most interested if there were something we could use.

The Laboratory, under AEC regulations, must dispose of all surplus property through normal channels; i.e. other AEC installations, General Services Administration, Department of Health, Education & Welfare, and public sale. The only time an employee may buy any property is in the latter stage. In the case of furniture, however, it rarely, if ever reaches the "sale" stage. Inevitably this type of item is picked up at the donation stage by HEW for allocation to various schools.

P.L. Borzi, Supply & Materiel

**NRRC 3-9 To Meet**

On December 10, 1969 at 7:30 p.m. the Naval Reserve Research Co. 3-9 will hold a combined lecture, uniform drill, inspection and cocktail party at the Brookhaven Center. BNL employees and any guests they might care to bring are invited to attend.

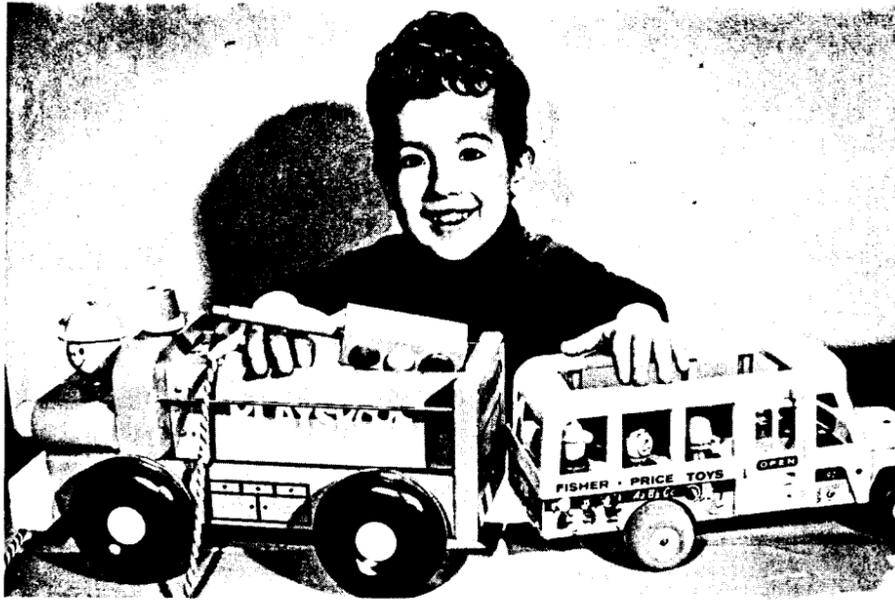
The lecture is entitled "A Trip to West Africa" and will be given by Dr. F.J. O'Neill of the N.Y. State Hospital at Central Islip.

The charge for the cocktail party is \$3.50 per person. Please inform either Lt. John R. Halpin on Ext. 7817 or Lt. W. Schneider on Ext. 7758 if you plan to attend.

## BNL's Nursery School Is Chartered By State

The Upton Nursery School is a non-profit, self-supporting, cooperative nursery school operated for the benefit of preschool children of BNL employees. It is intended to guide the general development (intellectual, physical, and social) of children between three and five years of age. The School offers a play program which allows a large variety of opportunities in art, music, dramatic play, outdoor large muscle activities, and in experiences which build readiness for later work in elementary school.

The administrative functions of the School are conducted by the executive board, consisting of the elected officers, with advice as required from committee chairmen and BERA. Major decisions are voted upon by the entire membership of the School. The School is currently oper-



A little boy, some trucks, and a place to play are all that is needed to make everyone happy. Marc Livolsi shows by his radiant smile that he is in favor of the Upton Nursery School. —Humphrey

ating under an absolute charter granted by the N.Y. State Board of Regents earlier this year. Officers for this year are: Dr. Erich Willen, Chairman; Dr. Darrell Liu, Treasurer; Mrs. Marguerite Ankenbrandt, Secretary; Mrs. Barbara Foley, Enrollment Chairman; Mrs. Vivian Emery and Mrs. Maudine Stevens, Participating Mothers Chairmen, and Mrs. Karas Shaw, Refreshment Chairman.

Teachers at the Upton Nursery School are Mrs. Karen Rowley and Mrs. Polly Carroll, four year old classes, and Mrs. Renée Bloch and Mrs. Pat Aggus, three year old classes. The mothers of the students assist the teachers as the "helping mother" of the day; participation in this phase occurs approximately one day per month.

At present there are four classes, two which meet on Monday, Wednesday, and



Christopher Palmedo gets operating instructions for a toy train from teacher, Mrs. Pat Aggus.



Richard Fehling (foreground) uses building blocks while his classmates are helped by their teacher, Mrs. Polly Carroll.

Friday from 9 a.m. to noon, and two which meet on Tuesday and Thursday mornings from 9 a.m. to noon. Due to the fact that the School was expanded last year from two to three classes and again this September to a fourth class, interested parents will no longer encounter a long waiting list. There are a few openings immediately available in the Tuesday-Thursday sections for both three and four year olds.

Tuition for the three days per week classes is \$27.00 a month and \$18.00 a month for the two days per week classes. A registration fee of \$3.00 is payable upon entering the nursery school.

Inquiries should be directed to Mrs. Barbara Foley at 744-9682.

Maurice DuBois on the slide is cheered on the way down by Colin Forsythe and Teddy Erickson who wait for the next ride.



### Hospitality News

An Open Letter to Polly Van Horn . . .

All of us are delighted that you are thrilled with the pewter bowl. It is but a small token of the big feeling of gratitude we have for you and the wonderful job you have done in making the Hospitality Committee an overwhelming success at BNL.

The morning coffees are always an enjoyable get-together time, thanks to you; and the tea and sherry parties are, as we all know, so successful because of your enthusiasm as well as your efforts and organizational abilities.

It has been an honor to work with you these past two years as you guided the hospitality committee to its present heights. I very humbly look forward to following in your successful footsteps.

Congratulations again on a job well done!

With deep affection,

Jaqueline M. Newman

Incoming Hospitality Chairman

Let's have everyone turn out at the December 15th morning coffee as a show of affection and appreciation for Polly Van Horn's very wonderful chairmanship.

### Cafeteria Menu

#### Week Ending December 11, 1969

<b>Friday, December 5</b>	
Clam Celery Bisque	
Fish 'N' Chips/Sauce Tartar	.65
Broiled Haddock/Butter Sauce	.75
Baked Beef Loaf/Hunter Gravy	.65
<b>Monday, December 8</b>	
Mulligatawny Soup	
Baked Ham Steak/Grilled Pineapple	.65
Stuffed Cabbage	.65
Old Fashioned Beef Stew on Rice	.75
<b>Tuesday, December 9</b>	
Beef Barley Broth	
Roast Leg of Lamb/Mint Jelly	.65
Frankfurters Rolled in Bacon/Baked Beans	.65
Baked Lasagna	.75
<b>Wednesday, December 10</b>	
Chicken Gumbo/Creole Soup	
Salisbury Steak/Onion Sauce	.65
Roast Stuffed Turkey/Giblet Gravy	.75
Broiled Swordfish/Butter Sauce	.75
<b>Thursday, December 11</b>	
Cream of Corn Soup	
Fried Chicken Cutlets/Chicken Cream Gravy	.65
Tender Corned Beef and Cabbage	.75
Spaghetti w/Meatballs in Hunter Sauce	.65

### Rifle-Pistol Club Meeting

There will be a meeting of the Rifle-Pistol Club on Friday, December 5 at 5:10 p.m. in the Recreation Building.

### Soccer

M.T. Hutchings

#### BNL 2 V. Staten Island C.C. 1 (0-1)

On a cold clear afternoon we took our run of wins to four in a row against the Staten Island Cricket Club in our first home game on Saturday November 15th. We are indebted to the Middle Island School Board for providing the pitch at the Charles E. Walters School in Yaphank.

The Cricket Club team, which contained several very useful players, got off to a good start with Preece (onetime BNL guest player) scoring with a grand shot just inside the post after the ball had been turned back from the right wing. Our football was somewhat erratic at times as the blustery wind made control difficult, and despite several close shots, including a saved penalty kick, we remained scoreless at half time. In the second half we had most of the game, although with Cox scheming in midfield and Preece marshaling the forwards the Cricket Club made several dangerous raids towards our goal. Aggus squared the score after fifteen minutes with a good cross shot from a pass by North, and then hit the bar with another only to see the ball bounce down and out again (some say it was in!). About ten minutes later we got the winner through a well taken goal by Batchelor from a nice cross from the right by Hubberstey. A break-away by Staten Island nearly levelled the score but Preece was displaced by Gabarain as he came within shooting range. Several times we came close to increasing our lead but luck, and the cross-bar were against us.

The Soccer Club party held after the game, at which we entertained the visitors, was a great success.

We hope to get in a few more matches and outdoor practice games before it gets too cold. Indoor activities every Monday, 7:30 in the Gym. Come along - any questions phone Ext. 7608 or 7193.

Our record this Fall season now stands at:

Played 11 - Won 5 - Tied 1  
Goals: for - 34, against - 27

### Mixed Volleyball Straightens Out

After a great practice session the week before, the Bouncers bounced out on the first official night of league competition. Taking pride in their wins were the Mets (3 wins) and the Nets (2 wins); one of them 23-21 in overtime. The Jets started out the evening with a 21 to 6 clobbering of the Bouncers, but petered out after the strenuous second game.

—Lorraine Osterer

### Bowling News

Irma Carl

#### Purple League

When the Purple League gets tight, they get real tight! Designers still lead with 46 points, pursued by S&M, Exots and Repulsives with 45 points each. Joe Nocar won the turkey with a 227 gross game. No 200 games but there were a few 500 series: Mike McKenna 532, "Worthless" Austin 523, Joe Nocar 516, Jack Lauber 508, and Paul Levy 505. All this happened the night of November 19. Results of the night before Thanksgiving could not make this issue.

#### Red League

Four of the fellas rolled 200s the night of Nov. 18: R. Larsen 215, J. Bunt 207, J. Petro 203, and J. Berech 202.

Nov. 25 found business was picking up in the 200 Department - M. Petty lead the way with a smashing 231, N. Combatti 218, J. Berech 209/214, K. Riker 202, C. Bohnenblusch 201 (missed the 678 award by one pin, but his 677 gross series did net him a turkey), and Ed Malcolm a 200.

#### Rose League

The Unmentionables seem to have first place practically sewed up. Here the gals preferred to bowl for "liquid turkeys" and Dot Ripperger's 600 gross, Jen Jenny's 625 gross, and Marty Heine's 633 gross (including a 215 scratch) enabled them to walk away with the prizes, hic!!

#### Pink League

Betty Jellett's 192/473 on Nov. 18 won some points for her Pinsplitters and Mona Vitale's 217/575 did the same for her Medigals, while Madeline Windsor came away with the bird.

Nov. 25 saw some exceptional bowling by Renee Rosati (173) and Betty Walczak (172). Pat Fox and Mary Wiesen had their share of good games too. The Fiscal Assets are creating havoc in the league standings.

### Slo-Break Basketball

by George Latham

The BNL basketball season opened on November 20th with a full schedule of four games. In Associated League action, the Highballs defeated AMD 44-21, with Bob McGonigle of the Highballs and Les Lawrence of Applied Math scoring 12 points to lead their respective teams. The Knacks pulled away late in the game overcoming the Dirty Dozen 46-32. Ed Gill scored 15 points for the Knacks with Bob Casey adding 12. Herm Haller led the Dozen with 13 points.

In Universities League play, Biology downed the Tandems 35-22. Joe Abata scored 11 points for Biology, with B. James getting 9 points for the Tandems. Chemistry, behind Jim Edmond's 12 point effort, took the Medical Club 29-19. John Marto had 8 points for Medical.

### Christmas Is Coming!

Our Postmaster bids us remember that we can make the Christmas Season brighter if we follow a few simple rules.

Be sure to include the zip code in addresses and put a return address on your cards. There are code directories in the Post Office lobby, or you may call Ext. 2123 for assistance.

Mail your cards and packages early to make sure they arrive in time for Christmas.

#### Christmas Cards

Out of State December 10  
Local December 15

### Classified Advertisements

#### Positions Available

MESSENGER (1) - Staff Services.  
Application Deadline: December 9, 1969.  
SCIENTIFIC PROGRAMMER - Applied Math.  
BIOLOGY ASSOCIATE - Biology  
CLERK (Payroll) - Fiscal

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

63 PEUGEOT - Model 403. \$100. Ruth, Ext. 2962, 567-2190 after 4.

64 PONTIAC CATALINA 2+2-2 dr, 389 V8, white/blk int, auto trans. \$850. F. Dacey, 585-2424.

59 PORSCHE 1600N - Abarth exhaust, recent valve job & 2 new tires. AT6-8735 after 5.

SNOW TIRES - 6.50x13 Mobil, good cond. \$7 ea. S. Shibata, Ext. 7493.

68 GMC CARYALL - 4 w/d, 307 c.i., 200 hp, 4 spd heavy duty trans, radio. Asking \$3100. Ext. 612.

64 MG MIDGE - British racing green, excel cond, r/h, extra wire wheels. 473-5546 after 5.

55 CHEVY - New 396-375, Edelbrock manifold, Holly 800, Schiefer clutch, '67 GTO int. \$600. 223-1721 after 6.

TIRES - Goodrich 7.35x15, 4-ply rated, excel cond. Ext. 2198, 289-0532 after 6.

61 FALCON - Needs eng, had recent front end work & many new parts, make offer. Rich, Ext. 2735.

56 VW's - 1st, good eng & rubber, asking \$150; 2nd a do-it-yourself kit. lots of parts, talk price. JU1-3577 after 5.

68 CHEVELLE SS396 CONV - 4 spd, posi rear. \$1700. Ext. 565.

3 FALCON RIMS - 1 MGA rim. Rich, Ext. 2735.

60 PLYMOUTH - Good running cond, auto trans, 8 tires. \$100. Jose, Ext. 640, 744-3729.

65 VW BUG - Excel cond. 744-9193, 473-7818 after 7.

66 RENAULT 8 - 4 dr, std [4-] shift, 30-35 mpg. \$500. B. Warnquist, Ext. 613, 281-3467.

63 RAMBLER AMERICAN WAGON - Std trans, good cond. \$150. 924-4181.

SNOW TIRES - 2 Goodyear in good cond, 4 ply 6.95/7.35x14. W/arren, Ext. 2477.

67 COMET - Good cond, 24,000 mi, std trans, 6 cyl, settle estate. \$900. PE5-8993 after 6.

AUTO SKI RACK - Barrecrafters, gutter mounted, fits all std cars. \$10. Borg, Ext. 2924.

63 PONTIAC CATALINA CONV - Dk blue/white top, auto trans. ps/pb, snows, excel cond. \$750. Bob, Ext. 7333, GR5-8297.

5-6.50x13 TIRES - 2 snocs, 3 regular, 1 mounted. \$25. Andy, 744-3073.

59 VW BUG - Eng good, needs clutch, 1 broken window. Ext. 7647.

PR 7.75x15 ATLAS TIRES - W/wheels, no wear, 4 ply rated. HR3-9450.

66 SUZUKI - X-6 Hustler, very good cond. \$275. Torre, Ext. 7356/423.

65 CHEVROLET IMPALA - 2 dr hdtip, V8, good running cond, white, r/h, ps, std trans. Dealer price \$1050, will sell \$850. Ext. 2580, 727-5532.

STUDDERED SNOW TIRES - 8.25x14 Dunlop "Silent Ride," 4 ply, nylon-cord. \$35. Borg, Ext. 2924.

CORVAIR GENERATOR - Rebuilt, \$5; Corvaire carbs, rebuilt, 2/\$12. Bob, Ext. 2450, 289-0357.

4 TIRES - 6.50x14, good rubber, fit Pontiac Tempest. \$4 ea. Bob, Ext. 2450, 289-0357.

66 MUSTANG CONV - Red/white top, V8, console, bkcts, wood grained int, excel cond. \$1475. C. Nielson, Ext. 7677, 325-0968.

65 CHEVROLET IMPALA CONV - V8, auto trans, ps/pb, r/h, red/blk int, excel cond. 281-7965 eves.

2 FIRESTONE SNOW TIRES - Tubeless w/w, steel stud, used 1 winter, 7.00x14. \$15/pr. J. Titmus, Ext. 7812.

54 CHEVY PICKUP - '65 V8 Pontiac eng, '65 Pontiac trans, pb, r/h, new paint job. \$650. Dave, Ext. 2852, 929-4708.

STUDDERED SNOW TIRES - 6.50x13, mounted on Triumph Herald rims, very good cond. \$30. B. Bornstein, Ext. 7411.

65 PLYMOUTH STATION WAGON - Ps/pb, a.c., 4 new tires & 2 sr ows, excel cond. \$1100. 567-2190.

65 CORVAIR - Good cond. \$650. 538-2194 after 6.

62 CHEVROLET - 4 dr, auto trans, good cond. \$300. Bookless, Ext. 350.

2 SNOW TIRES - 8.45x15, on Buick rims, used 1 season, Goodrich Silvertown. \$25. Leahy, Ext. 7778.

55 CHRYSLER IMPERIAL - Big Hemi-head, all pwr, good running cond. \$100. Dick, Ext. 2414, 585-3719 after 5.

RADIO, GENERATOR, STARTER & CARB - For '58 Ford, take all or any one. Ext. 2580, 727-5532.

REBUILT TRANS - 3 spd LaSalle, w/extra casing & spare parts. \$50. Steve, Ext. 2852.

66 PONTIAC LEMANS CONV - A great 2nd car. \$795, or will deduct \$140 if you make 2 repairs. 475-8202.

2-7.00x13 STUDDERED SNOW TIRES - W/rims, used 1 mo. \$50. Helen, Ext. 2962.

## Boats & Marine Supplies

12' PENN-YAN - W/15 hp Evinrude motor & tank, '68 Tee Nee trailer w/hitch, many extras. Asking \$250. GR5-2842.

12' PENN-YAN - Fiberglassed exterior, mahog deck & int, w/running lights & extras, excel cond. \$100. GR5-2842.

TEE NEE BOAT TRAILER 1968 - W/tilt bed, winch & lights, carry up to 16', hitch incl, excel cond. Pd \$175, asking \$125. GR5-2842.

20' EXPRESS CABIN CRUISER - Haulage, inside storage, spring painting & launching incl, 95 hp in-board, extras. Petruk, Ext. 2142, AT6-0124.

15 HP EVINRUDE MOTOR - W/canvas cover, 6 gal tank & fuel line in very good cond. Asking \$50. GR5-2842.

3 HP EVINRUDE MOTOR - Excel cond, best offer takes it. Joe or Tom, Ext. 2971.

PULSER MAG - For 4 cyl eng, new Fairbanks Morse. \$45. Whitey, Ext. 2179.

14' WHIRLWIND RUNABOUT - 35 hp Johnson motor, elec start, batt, controls, Lady Bee trailer '66, excel cond, extras, will demonstrate. \$550. 928-0086 after 6.

SPEEDBOAT - 22' Chris Craft, new cond. \$250. Ext. 7166.

## Miscellaneous

BEAUTY REST MATTRESS - King size, w/2 box springs, brand new in sealed ctns. \$150. Ext. 565.

CLUB CHAIRS - Danish mod, walnut finish, w/removable gold cushions. \$35/pr. Fred, Ext. 424.

21" B&W TV - Needs picture tube, blonde console cabinet. \$10. AT9-1089.

DISCOVER FLYING - Escape from the ordinary, introductory flight experience, certified senior pilot. \$3½ hr. A. Roesch, Ext. 7667.

LONG BLONDE WIG - 100% human hair, hand made, very reasonable. Barbara, GR5-6346.

ACCORDION - Mussi, 120 bass, 5 shifts, w/case, excel cond. \$75. D. Pion, Ext. 351.

SUNBEAM DELUXE 18 SNOW BLOWER - Elec, 100' cord, \$25; Kodak model K F1.9 lens, \$10. F. McKay, Ext. 2170.

JR DIN RM SET - Gray, w/4 chairs, china closet & buffet, good cond. \$75 firm. 727-5478 after 3:30.

PIANO & STOOL - Old but good cond. \$30. 744-6174.

ORIG SERIGRAPH PRINTS - Signed & numbered. \$5. Plotkin, Ext. 7103.

AUTO RECORD CHANGER - Many features. Orig \$80, sell for \$25 w/base. Rich, Ext. 2735.

POODLE PUPS - Silver, 1 male, 2 females. \$65 ea, mini deposit holds for Xmas. MO9-1772 after 5.

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

ROTO-BROILER - Used only few times, cost over \$50 new, sell \$15; Presto coffee pot, never used, cost \$24.95, sell \$10. 744-3744.

2 HASSOCKS - 1 round beige, 1 square dk red, both \$9; 1 crib, \$4. Ext. 501.

WALL OVEN - Coppertone. Ext. 2816, GR5-7372.

SECTIONAL - 4 pc apt size, \$15 ea; coffee table, 36" round maple incl glass top, \$45; corner table, \$35. Ext. 2816, GR5-7372.

GO-CART - 3½ hp Briggs-Stratton eng, auto clutch, ready to go. \$100. 924-3581 after 5.

5 LIONEL CARS - 34 pcs track, 1 pr switch tracks, old. \$8. Ext. 586, GR5-7372.

RIFLE - Lever action, model #94 Winchester .32 cal special, new cond, w/case & shells. \$75. GR5-1380.

FREEZER - Frigidaire 21 cu ft upright model. \$60. Barton, Ext. 396, 744-2216.

RECORD PLAYER - Portable Westinghouse, blue & white case, 4 spd "BSR" auto changer, 45 spindle insert, excel cond. Paul, Ext. 2968.

SKI BOOTS - Ladies' size 6½, good cond. New \$40, sell for \$20. Kathy, AT6-1046.

30 GAL FISH TANK - W/hood, stand & filters, best offer. R. Meyer, Ext. 2428, LT9-5757.

PISTOL - Ruger Mark 1, .22 cal, best offer. R. Meyer, Ext. 2428, LT9-5757.

ONE SKI (COUNT 'EM: ONE) - 175-cm Hanover, great for an acrobat or if your teenager also broke a ski. \$5. Borg, Ext. 2924.

PHOTOGRAPHIC PRINT TRIMMER - \$3.50. K. Fuchel, Ext. 2446.

PORTABLE SEWING MACHINE - \$30; apt size table w/2 chairs, \$25; colonial din table w/6 chairs, \$245. 281-3748.

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

9" RADIAL SAW - Compl w/cabinet & Dado set w/3 blades, 1 hp motor. \$150. Andy, 744-3073.

AURORA MODEL MOTORING - HO scale, 64 tracks, 6 cars, 2 controls, more. Value approx \$80, asking \$35. 475-1997 after 6.

COLONIAL PANEL INTERIOR DOOR - 3'6"x6'8"x1¾", never used. \$15. Kazdin, Ext. 7575.

LIV RM SET - 7 pc mod Danish, only 6 mos old. Ext. 2458, 281-6243.

34" FIREPLACE SCREEN - W/manual curtain pulls; Harvard bed frame, twin or full; official Boy Scout Uniform, size 12½R; all items like new. Van't Hof, AT6-0534.

BROWNIE CHALLENGER - .22 cal, semi-automatic pistol, permit required. Andy, Ext. 2592, 281-8274.

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

SKATES - Boy's hockey skates, size 1, excel cond. Ext. 2524.

GIRL'S SKI BOOTS - Size 1, very good cond. \$5. Pfister, Ext. 2934.

B<sup>h</sup> CORNET - Olds Ambassador, only 6 mos old, in like new cond, reasonable. Bill, Ext. 2393.

SKI BOOTS & TREE - Koflach, size 7½M, good cond. \$20. Jack, Ext. 2278.

FREE - Kittens, 1 grey male, 1 blk & white female. Karen, 744-5741.

GERBILS - Ideal pets for children, easy to care for, friendly. 475-2579.

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

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

AC MOTORS - Delco ½ hp, 1725 rpm, 115 v, \$12; Walker Turner ½ hp, 1725 rpm, 220/440 v, 3 Ph, \$18. W. Berg, Ext. 7534.

35 MM SLIDE PROECTOR - Semi-automatic, Sawyer, eleven 36-slide Easy-Edit trays w/carrying case. Compl, \$20. Betsy, Ext. 7552.

CHINTZ - 3 yds, 48" wide, lg, bright field flowers on white ground. \$6. Borg, 286-0428.

BOY'S ICE SKATES - Like new, worn twice, size 3. \$3. 281-8458.

BOY SCOUT - Himalayan Pack Frame, \$5; never used Yucca pack, \$6; canteen, \$1; compl uniform, size 12, \$5. 281-8458.

26" BOY'S BICYCLE - Conventional coaster brake, good cond. \$20. 924-4063.

POLAROID SWINGER - W/case, like new, \$15; GE tape recorder, port, hardly used, \$20. 744-6636.

ELEC SHAVER - Remington 550 Selektronic, world wide model, cordless, 6 settings for shaving. \$20. Ext. 508.

2 RUGS - 1-10'x15' golden yellow, 1-6'x9' olive green, Ext. 508.

SNOW BLOWER - Sunbeam Deluxe 18, elec 100' cord. \$25. F. McKay, 727-3249.

LUGGAGE - 1 blue Samsonite wardrobe, 2 green Maxmillian weekenders, both excel cond but no color mates, bargain for family w/children. Ext. 2903, 475-6717 after 8.

GE AUTOMATIC IRONER - Press type, like new. \$25. GR5-5156 after 6.

SAVAGE FREEZER - Glass front, GF 10, 5 compartments. \$50. GR5-5156 after 6.

SKI BOOTS - Arlberg, buckle dbl boot, used 1 season, size 10M, not broken in, excel cond. Bill, Ext. 7693.

COUCH - 82" long, 4 yrs old, perf cond, new slip cover. L. Suydam, AT6-1295.

ELEC HOT WATER HEATER - Glass lined, as good as new, 30 gal. \$35. Alfred, 281-8805 after 6.

2 TICKETS - For Bayview Community Hospital benefit dance at K of C Hall, Mastic, music by "Sound of Great Bands," Sat 12/20. Ext. 423.

ELEC GUITAR - Gretsch "Anniversary" model. \$95. Kevin, 473-0288.

SKIS - 5'4" plastic bottoms, bindings incl, ski poles 3'10", buckle ski boots, size 9. J.G. Stangby, Ext. 368.

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

TWIN BEDS - By Drexel, knotty pine finish, can also be used as bunks, scratched but strong. 286-0517.

SIAMESE KITTENS - Reg ped, Champion stock, will be 5½ wks by Xmas, w/papers, sm deposit will hold. Whitey, Ext. 2179.

16" MURRAY TRICYCLE - Excel cond. \$7. Ext. 537.

GILBERT CHEMICAL SET - No. 12056, w/24 chemicals & acces, used only once. \$10. Ann, 286-2280.

FISH TANK - 7½ gal, w/pump, & acces. F. Chandler, Ext. 2231.

GIRL'S FIGURE ICE SKATES - Size 5, good cond. \$4. R. Dagradi, 878-1731.

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

BABY CARRIAGE - European model, like new. Orig price \$150, sell \$90. Ext. 501.

SKATEBOARDS - Good cond, very sturdy, \$1 & \$2; camera, Revere automatic 504, never used, perf cond. Pete, AT6-1214.

HOCKEY SKATES - Size 8, \$4; Motorola am clock-radio, needs minor repairs, operates as is, \$7. R.M. Brown, AT6-1214.

ALUM COMBINATION STORMS & SCREENS - 32"x51". \$7 ea. 2/\$13. Ext. 2515.

HOT WATER HEATING CONVECTORS - 48"x24"x8½", \$12; 32"x24"x6½", \$10. Ext. 2515.

LADIES' ROLLER SKATES - High white, indoor type, size 5, \$10; 2 chaise lounges, good cond, \$4 ea. Ext. 7539.

GUITAR - Hilo steel string, good cond, case incl, must sell. Asking \$10. Robin, 286-1372 after 3.

## 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

PROPERTY - Hamlet of Brookhaven, ½ acre close to water. R. Meyer, Ext. 2428, LT9-5757.

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.

LOVELY 3 BEDRM HOME - On landscaped acre, new kitchen, carpeting, panelled solarium, detached dbl garage, must move. Sacrifice, \$31,500. YA4-3519.

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

## For Rent

FURN APT - Bellport, priv entrance, 2½ lg rms, up-stairs porch, all util & garage, lease, immediately avail. \$150/mo. 286-8850.

FURN 2 BEDRM HOUSE - Close to the Lab, for 3 mos or until the end of May. Ext. 2458, 281-6243.

EFFICIENCY APT - Brand new, bedrm, liv rm & kitchen, tiled bath, Pt Jeff Station. \$140/mo. J. Palmer, Ext. 2373, 751-1315.

## Wanted

HOME - For 3 year old male St. Bernard, champion blood lines, good with children, has simply outgrown house. 286-1056.

BABYSITTING JOBS - Reliable woman will care for your children, preferably my home, E Patchogue. GR5-2145.

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

TYPING - Term papers, etc., to do at home. Claire, Ext. 2131.

14" RIMS - To fit '63 Chevy II, 4 lug, w/wo tire. G. Hrabak, Ext. 2713.

BABYSITTING JOBS - Light housekeeping jobs, eves & Sats. Maria, JU8-2688.

DOG HOUSE - For med size dog. Alan, Ext. 7203.

TO TRADE - Plaid or S&H Green Stamps for Triple S Blue. R. Evans, Txt. 2198.

HOMES - For 2 kittens, Sealpoint Siamese, both male. Karen, 744-5741.

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

HOME - For 4 mo old puppy, mixed Labrador Retriever/English Pointer, very playful & wonderful w/children. JU1-3015 after 6.

DEER - Will skin & butcher. 584-5216.

HO SCALE TRAIN EQUIPMENT - & tracks. Rowley, AT6-0975.

GOING SKIING - Winter vacation pet sitting, individual care, reasonable. 924-8225.

ANYONE INTERESTED - In hearing the Mor. Chor. Soc. perform Handel's "Messiah," C.M.H.S., 12/7/69, 3 pm, free admission, Ext. 574.

DUAL 8 MOVIE PROJECTOR - Good cond, variable spd, reverse, stop motion. Hinckley, Ext. 2544.

PIANO - Spinet type, not over 15 yrs old, excel cond. Larry, 727-1412.

TEACHER - For Wading River co-op nursery school. E. Foelix, 744-3674.

R/C EQUIPMENT - For model aircraft, also U-control, engines, etc. B. Larson, Ext. 2469, 928-1806.

WILL THE MAN WHO CALLED - About 3 pine trees to be removed from Old Field or Setauket area please call again. Bob, 732-9517.

## Carpools

DRIVER DESIRED - From Massapequa. Ext. 2942.

PAYING RIDER OR ALTERNATE DRIVER - Needs ride from Lakeland Ave, Sayville, S of Sunrise Hwy. Mildred, Ext. 2975.

FORMING CARPOOL - In Bohemia, Oakdale, W. Sayville area. F. Chandler, Ext. 2231.

JOIN OR FORM CARPOOL - Vicinity Greenlawn, Centerport, Northport area. Frank, Ext. 488.

DRIVER WANTED - Join existing carpool from N. Brentwood. Tom, Ext. 7575.

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

## Lost & Found

FOUND - Gloves on ground, back of heap, 11/17. Ext. 563.

## Classified Ad Policy

### Deadline is 12 noon Friday for publication the following 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. 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  
 For Sale: Boats & Marine Supplies