



BROOKHAVEN BULLETIN

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September 11, 1969

Named Assistant Dean At Dowling College

Dr. Elizabeth Gardner, research collaborator at the BNL Chemistry Department and wife of Donald Gardner of the Physics Department has been named Assistant Dean for Academic affairs at Dowling College.



Dr. Gardner, who held the position of Assistant Professor of Chemistry for two years before her recent appointment, will assist the Dean for Academic Affairs with the coordination of all faculty matters as well as the compilation and coordination of the college catalogue.

She received her BS at Bowling Green State University and her MA and PhD from Columbia. In addition to her work at BNL in hot-atom chemistry, Dr. Gardner also spent two summers doing analytical chemistry at Argonne National Laboratory.

Dr. Gardner and her husband live in Bellport.

20-Year Celebration



Lab Director Maurice Goldhaber watches as Mrs. Goldhaber cuts a cake in celebration of their completion of 20 years at BNL. Deputy Director George Vineyard (rear) presented a 20-year tie clip to Dr. Goldhaber. Mrs. Goldhaber was awarded her 20-year pin by Dr. Andrew Sunyar in the Physics Department. The cake was supplied by the staff of the Directors' Office who joined in wishing Dr. and Mrs. Goldhaber well on their anniversary. —Lauber

Free Classes in Boating Enjoyment

District Three Squadrons of the United States Power Squadrons will hold free classes in boating enjoyment, safety, and operation at the following locations on eastern Long Island:

- East Hampton High School
Tuesday, September 23, 7:30 p.m.
- Sag Harbor - Pierson High School
Wednesday, September 24, 7:30 p.m.
- Sayville - Brook Avenue School
Thursday, September 18, 8:00 p.m.
- Center Moriches High School
Tuesday, September 9, 8:00 p.m.
- Eastport High School
Wednesday, September 10, 8:00 p.m.
- Port Jefferson - Vandermeulen High
Wednesday, September 10, 8:00 p.m.
- Patchogue Sr. High School
Monday, September 8, 8:00 p.m.
- Riverhead High School
Tuesday, September 9, 7:30 p.m.
- Southampton High School
Wednesday, September 10, 7:30 p.m.
- Smithtown - Sweetbrier Elementary
Tuesday, September 9, 8:00 p.m.

If you miss the first night, attend the following week; the first night is mostly registration and orientation. The course will last about twelve weeks and is an excellent basic foundation for everyone, whether or not they own a boat. Families, including children over the age of sixteen, are encouraged to take the course together for mutual interest and education. Safe boating is a family affair.

View From The Top



Photographer Doug Humphrey took this picture from the top of the stack that serves the Graphite Reactor and the HFBR. Humphrey made the long climb in order to record the work of the Tower Linemen as they changed bulbs in the aircraft warning beacons on the stack. Charles Phoenix, Plant E & P, is on the ladder several feet below Humphrey. Above and to the left of Phoenix is the utility truck used by the electricians, parked at the base of the stack. Story and more pictures on page 2.

1970 Scholarships - Application Now Due

On March 4, 1970 ten more students will have a scholarship to the college of their choice and ten more Laboratory parents will be tapping the bank for \$900 per year less than anticipated. The time to start moving toward this happy state of affairs is now.

Applications and information concerning the 1970 A.U.I. Trustee Scholarships is available through the Office of Scientific Personnel, 40 Brookhaven Avenue.

To be eligible applicants must be secondary school seniors who will be graduated during the current academic year

and the son or daughter of a regular BNL employee who began full time employment no later than January 1, 1969. Sons and daughters of retired employees or of employees who died during regular service at the Laboratory, are also eligible.

The Educational Testing Service of Princeton, N. J. administers the processing of applications and selection of winners for the Laboratory. Applications must be in their hands no later than November 14, 1969.

This is the first step. Take it soon. November 15 will be too late.

Lab Development Exhibited



Bernard Manowitz, Radiation Division, DAS, checks out a display with Warren Winsche, Chairman, DAS and Meyer Steinberg, Radiation Division. The completed display will be set up at the Museum of Science and Industry in Chicago next week. The development of Concrete-Polymer has been judged one of the top hundred technical developments for 1969. The display was constructed in the BNL Cabinet shop by Plant Engineering and Planning. —Humphrey

Poly Concrete Chosen For Technical Award

The development of Concrete-Polymer by the Radiation Division of the Department of Applied Science at BNL has been chosen as one of the top one hundred most significant technical products for the year 1969.

The annual competition for the top 100 products is sponsored by Industrial Research, Inc. to point out outstanding technical achievements and to recognize imaginative innovators and their organizations.

Award winners this year include such diverse developments as the world's fastest computer system, a new type of braille machine, a daylight projection screen, a mixing device with no moving parts, a three dimensional x-ray image, and Brookhaven's contribution, a super-strength building material made of concrete and plastic.

Winners were chosen by the Industrial Research Editorial Advisory Board, consisting of thirty leading scientists, engineers, and research administrators.

Next Thursday the awards will be given to the winners at a banquet in the Museum of Science and Industry in Chicago. For a month following the award banquet, the products will be on exhibit at the museum. Brookhaven, Argonne and Oak Ridge were the only winners from the Atomic Energy Commission.

Accepting the award for BNL will be Warren Winsche, Chairman of the Department of Applied Science. He will be accompanied by Bernard Manowitz, Head of the Radiation Division and Meyer Steinberg, co-developer of the concrete-polymer process at Brookhaven.

Radiation Biology Conference Opens Monday in California

A four-day international conference entitled "Time and Dose Relationships in Radiation Biology as Applied to Radiotherapy" will begin on September 15 at the La Playa Hotel in Carmel, California.

This is the fourth interdisciplinary conference in which radiobiologists, biophysicists and therapeutic radiobiologists meet to explore the extent to which radiobiological information and principles can be applied to improve radiotherapeutic procedures.

The conference will delve into the effects of radiation on normal and cancer tissues. In particular the manner in which the number and size of dose fractions and the total time over which therapy is administered differentially affect normal and malignant human tissue will be examined in the light of new radiobiological information. A dose administered over a short period of time has different effects than a dose administered over a long time period. Emphasis in this conference will be given to clinical data obtained in the application of radiobiology with patients undergoing radiotherapy.

Co-chairmen of the conference are Dr. V.P. Bond, Associate Director for Life Sciences, BNL; Dr. Herman D. Suit of the M.D. Anderson Hospital and Tumor Institute, Houston, Texas; and Dr. Victor A. Marcial of the Puerto Rico Nuclear Center.

The conference is co-sponsored by the U.S. National Academy of Science/National Research Council (NAS/NRC) Sub-committee on Radiobiology; the National Institutes of Health (NIH) Radiation Study Section; and the Committee for Radiation Therapy Studies (CRTS). Funding is provided by a grant from the U.S. Public Health Service of the Department of Health, Education and Welfare (HEW).

Dr. Bond will open the conference at 9 a.m. on September 15, and on September 18 the conference will enter its final session at 4:45 p.m. with a summary by Dr. Gordon Whitmore of the Ontario Cancer Institute, Canada.

Well over 100 physicians and researchers from nine countries are attending the four-day conference. A total of 26 invited papers is being presented, with a discussion following each paper or group of papers.

The formal presentations are not cut-and-dried research reports, but rather a digest of the latest information in the general area represented by the title. The conference proceedings will be published.

Fun-Khana Cancelled

The BNL Sports Car Club regrets to announce that the Fun-Khana scheduled for Sunday, September 14, has been cancelled.



Paul Kelly, sign painter, puts finishing touches on a model of concrete-polymer that is part of the Museum of Science and Industry display.

Tower Linemen Make the Big Climb



Gary Jayne, Health Physics, checks a dosimeter before issuing it to the men who will climb the stack.



Jack Barry and Charles Phoenix check light bulbs before making the long climb to the top of the stack.



Jack Barry changes a bulb on a fixed aircraft warning light on a lower level of the stack. —Humphrey

BROOKHAVEN BULLETIN

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Arrivals & Departures

Arrivals

- Alexander I. Baron Mech. Engrg.
- Daniel A. Bassano Physics
- Robert J. Bores Biology
- Burt V. Bronk Biology
- Rudolph Carpenito Purchasing
- Robert W. Conn App. Science
- Henry W. Davis App. Math.
- William E. Dietrich Biology
- Ger A. Engelbertink Physics
- John W. Essam App. Math.
- Eric B. Forsyth Accelerator
- Salvatore B. Galati Fiscal
- Robert G. Graves Physics
- Richard A. Holroyd Chemistry
- Wendy K. John Biology
- Roberta M. Klimaski Medical
- Alan H. Luther Physics
- William Marcuse App. Science
- George Markovits App. Science
- Thomas P. McDermott Physics
- Noboru Nakanishi App. Math.
- William A. Neal, Jr. Ph. & Gr. Arts
- Roberta M. Rubesh Medical
- Joseph W. Streng App. Math.
- Andrew Varanelli Biology
- Ling-Lie Wang Physics
- Tang-Fong Wong Physics

Departures

- David A. Barge Accelerator
- Virgil E. Barnes Physics
- Joseph S. Bryner App. Science
- Wilbur R. Corwin Accelerator
- Clifford J. Crookes Physics
- John E. DePillis App. Math.
- James R. Douglass Central Shops
- Bruce R. Erdal Chemistry
- L. Raymond Fox Biology
- David A. Garelick Physics
- Bernard Gatty Chemistry
- Michael F. Goss Medical
- Eileen C. Gran Accelerator
- Lydia J. Guerriera Medical
- Walter F. Horn Central Shops
- Theodore L. Houk Physics
- William J. Hysell P.E.P.
- Pamela Jasper Fiscal
- Richard Johnson App. Science
- Marita D. Kane Biology
- William L. Kiselyak Physics
- Gareth A. Mair Biology
- Pieter Meyers Chemistry
- John S. O'Neill Physics
- Carter B. Phillips Accelerator
- Christopher G. Pumo Physics
- Sue K. Scala Physics
- Hagai Shaked Chemistry
- Chia-Chang Shih Physics
- Walter S. Sieminski, Jr. Physics
- Herbert I. Student Biology

In Memoriam

James G. Blythe, Plant Engineering and Planning, who had been employed at the Lab since May, 1969, died suddenly September 8. He is survived by his wife Edith.

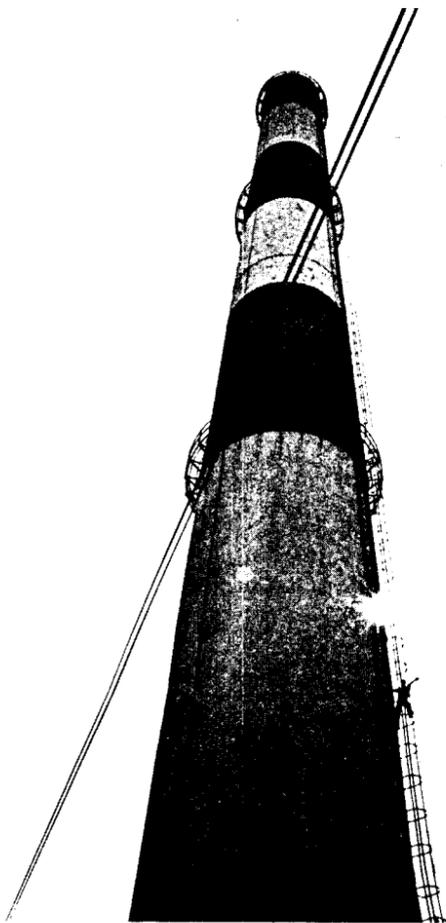
Cafeteria Menu

Week Ending Sept. 18, 1969

Friday, September 12	
Old Fashioned Clam Chowder	
Fish n'Chips/Sauce Tartar	.65
Salisbury Steak/Smothered Onions	.65
Tunafish Pie/Pastry Cover	.80
Monday, September 15	
Chicken Chowder	
Hungarian Goulash on Noodles	.75
Breaded Pork Chops/Apple Sauce	.70
Cheese Souffle/Broiled Bacon	.65
Tuesday, September 16	
Beef Barley Broth	
Old Fashioned Chicken Pie/Pastry Cover	.80
Knackwurst/Sauerkraut	.65
Veal Patty Parmigiana	.75
Wednesday, September 17	
Cream of Mushroom Soup	
Round Roast of Beef	.75
Saute Chicken Livers/Broiled Bacon	.75
Chili Con Carne/Frankfurters	.65
Thursday, September 18	
Mulligatawny Soup	
Old Fashioned Beef Stew	.75
Baked Ham/Boston Baked Beans	.75
Stuffed Cabbage	.65



Nearing the top, the two men take a breather before going up to the last catwalk before the rim of the stack.



On the top catwalk, Barry and Phoenix rest before removing the glass from the aircraft warning beacon.



"A breath taking view" is the way Charles Phoenix describes the scene shown above. Looking south on a clear day Fire Island can easily be seen. The northern view includes Long Island Sound.

Long Long Climb For Tower Linemen

Three times a year BNL's Tower Linemen make the long climb to the top of the stack that exhausts cooling air from the Graphite Reactor and the High Flux Beam Reactor.

Although the view is magnificent from the top of the stack, the reason for making the 355-foot climb is more practical. Aircraft warning beacons at various levels must be maintained and burned out bulbs must be replaced. Generally all of the bulbs are replaced three times a year, but occasionally an extra trip must be made when one of the lights fails outside of the schedule.

A three-man crew of Tower Linemen is assigned to the job which generally takes half a day to complete. While one man stays on the ground, two others climb the stack carrying new bulbs in a canvas bag on their backs. At the lower levels the bulbs are changed as soon as they are reached

in order to lighten the load for the climb to the top.

Before making the climb the crew casts a weather eye out for possible thunder or wind storms and then checks with Health Physics before starting up the ladder. When the top level is reached, there are three aircraft beacons each with two 500-watt bulbs. The glass covers are cleaned and wiring is checked before the job is finished. The top beacons are flashing, while the lower level beacons are fixed lights.

According to George Stoll, General Foreman of the Electricians, climbing the stack is a young man's job. "I used to go up there a lot many years ago," he said, "but now I leave that job for the younger men." Jack Barry, Charles Phoenix and Leadman Walter Kirkman were the men who did the most recent bulb changing.

Service Awards - September 1969

Twenty Year	
Goldhaber, Gertrude S.	Physics
Goldhaber, Maurice	Director's
Harbottle, Garman	Chemistry
Pond, Virginia	Biology
Rankowitz, Seymour	IHP
Sabine, George, Jr.	Personnel
Ten Year	
Bartos, Lois J.	Accelerator
Cherouski, Stanley P.	Photography
De Rosa, Louis	S & M
Hillman, Manny	DAS
Ince, Gertrude	Physics
Klingenbeck, William J.	Accelerator
Levine, Melvin M.	DAS
O'Neill, Mildred C.	Accelerator
Schiro, Grace C.	Physics
Vosganian, Paul	Mech. Eng.
Wild, Edward F.	PEP
Wojciechowicz, Joseph K.	Shops
Woodley, Robert G.	Biology

Here and There

Dolores del Castillo

Edward Sayre (Chemistry) has been invited by the Chairman of the Physical Sciences Department of the American University in Cairo, Egypt, to assist in the establishment of a research center and a course of instruction in archaeological chemistry.

Stanley Seltzer (Chemistry) has been awarded a Fellowship by the National Institute of Health, under which he will carry out research at Brandeis University in the field of enzymology.

Dr. Åke Kvick, a Research Associate at the University of Uppsala, Sweden, is spending approximately one month at the Laboratory as a Research Collaborator to carry out neutron diffraction studies.

Harold Schwarz (Chemistry) has returned from a year's leave of absence in Israel.

Stephen W. Feldberg, Ljubomir M. Jetic, Jacob Gilat, and Allen J. Weiss (all of DAS) attended the American Chemical Society held in New York City.

Marco A. Jamini (formerly of I & HP) was named inventor of "P-Contact for Compensated P-Germanium Crystal" for which U.S. Patent No. 3,461,005 was awarded to the AEC on August 12, 1969.

Roger Chalmers Hanna, of Rutherford Laboratory, England, will visit at the Laboratory on September 15 and 16 to discuss experimental techniques and results in high energy physics.

Jean Julien of the Nuclear Physics Division at Saclay will visit the Laboratory on September 23 for high energy physics discussions.

Among the papers presented at the American Chemical Society meeting this week were:

"The Structure of Porcine Pancreatic Ribonuclease, A Glycoprotein," by C.H.W. Hirs; "Selective Inhibition of Thrombin and Plasmin by Ester Substrates" and "Purification of Thrombin and Affinity Labeling of Active Center Histidine," by George Glover; and "Chemical Studies on the Meningococcal Cell Wall and Polysaccharides," by Teh-Yung Liu. Alexander Kortz, C.C. Wang and Frank German attended the Society meeting. (All of Biology).

Evening Graduate Courses Offered at Stony Brook

Twenty-three evening graduate courses ranging from Afro-American history to computer programming are available this fall through the Center for Continuing Education at the State University at Stony Brook.

Over 1,000 adults are expected to participate in the program. Those seeking an advanced degree can earn a Master of Arts in Liberal Studies after completion of 30 credits. There is no thesis or foreign language requirement.

Among the courses offered are: African Culture, taught by a leading African poet from Ghana, Kofi Awoonor; Beethoven and His Age, taught by concert pianist Charles Rosen; Modern Drama, taught by renowned Shakespearean interpreter, Jan Kott; and Science and Culture, in which Physics Professor Leonard Eisenbud examines the social problems generated by science and technology.

Professor Eisenbud's course, Science and Culture, meets once a week for a one hour lecture and a two hour seminar. Because of the popularity of this course, persons without formal admission may attend the lectures and receive instructional material for a fee of \$8.50. These students may in addition participate in the seminars and receive a certificate of completion for a total fee of \$24.

Persons desiring to take specific courses but not seeking a degree may be accepted as non-matriculated students. Courses meet once or twice a week between 4 and 10 p.m. Those interested in only one or two courses may enroll during registration on campus September 15-16.

By taking six credits during four regular school semesters and six credits during one summer, a student may obtain a degree in two years. Once admitted to the program, the student has seven years to complete the 30 credits necessary for graduation.

Brochures describing particular courses are available at Stony Brook.

And What Did You Catch?



This group of BNL employees brought home the evidence of a successful fishing trip at Montauk. In addition to a six-foot blue shark they also landed this seven-foot white marlin. The fish, which weighed over fifty pounds was landed after a twenty minute battle. Holding the prize are (l to r) Dick Nedosik, AGS; Bob Schomaker, Physics; Jim Madia, DAS and Bill Pagoda, DAS. In the back are: Don Chalupka, Accelerator; Charlie Kamensky, Accelerator; and Chris Fortunka, Physics. The memorable day was made even more so by four of the party running their car into a tree on the way home from Montauk. Schomaker, Madia, Pagoda and Fortunka were not seriously injured when the driver of their car fell asleep and lost control on the Montauk Highway in Hampton Bays.

Tennis News

The 1969 BERA tennis tournament ended just before the start of the big tournament at Forest Hills. Although we did not have the big names, our competition was hard-fought and those spectators who were fortunate enough to watch the semi-finals and finals saw plenty of thrill-packed tennis.

A list of champions and finalists is given below:

Men's Singles: 1. Allan Auskern; 2. Jim Brandon.

The Walter W. Merkle Men's Doubles: 1. Allan Auskern & Andrew Kevey; 2. Jim Brandon & Stu Bookless.

Ladies Singles: 1. Miss Mary Ann Henry; 2. Mrs. Andrew Kevey.

Mixed Doubles: 1. Mary Jane Stangby & Phil Palmado; 2. Helen Connell & Larry Passell.

Congratulations to all the tennis players who entered the tournament, winners and losers alike! Heartfelt appreciation goes to the BERA organization and, especially, to George Sabine for sponsorship of the

tourney. Loads of thanks to the volunteer officials (Larry Passell, Helen Connell, Dan Schaeffer, and Bob Gneuchs) for calling the shots and keeping track of the scores. Finally, a big hand for the tennis committee for seeding the competitors, keeping the tournament on schedule despite the rain, and reporting the results of play each week in the Brookhaven Bulletin with the uncomplaining help of Blanche Laskee.

The tennis committee for 1969 included Walter LaPrairie of the Recreation Office along with Jim Brandon, Helen Connell, Andy Kevey, Dan Schaeffer, and Mary Jane Stangby. Once again, sincere thanks for a job well done!

Jet Football Tickets

Tickets that were ordered in July by BNL employees have been received and may be picked up at the Recreation Office any work day between the hours of 9:00 a.m. and 1:00 p.m. (Please bring along your receipt.)

Brookhaven League Champs



The Blue Jays, winners for the seventh straight year of the Brookhaven League softball, posed for this picture during the BERA Annual Softball Nite. In front are (l to r) Bob Newlands, Bob Feindt, Dan Oldham and Paul Kelly (Co-Capt.) Rear: Edward Sives, Walter Chornoma (Co-Capt.), Bob Lorelli, Steve Garrett, George Oldham and Morris Gottfried.



National League First Place - George Sabine awards cup to Captain Allan Smith, AMD.



National League Second Place - Co-Captains Lawrence Musso and Fredrick Altrui accept award for S & M.



Laboratory League First Place - Captain Rubin Goldstein accepts award for the Mets.

Football Notes

by Jack Brennan

Football season opened up last Thursday night with the following results:

Rat Pack beat Physics 52-20 with W. Alster, T. Lee and J. Petterson scoring two touchdowns each for the Pack.

Chemistry beat the Kickers 38-25 with Ex-Kicker D. Comstock doing the passing for the Chemistry Group.

The Slow Pokes beat the Staggering Six 46-19 as A. Fogarty, J. Hooper and T. Prach each scored two touchdowns each for last year's champs which included a rare point return touchdown run back by T. Prach.

AMD won on forfeit from Bio-Meds.

	Won	Lost
AMD	1	0
Chemistry	1	0
Rat Pack	1	0
Slow Pokes	1	0
Bio-Meds	0	1
Kickers	0	1
Physics	0	1
Staggering Six	0	1

Soccer

M.T. Hutchings

A-Ho 9 Vs. Hu-2 8 (4-4)

Not only is an initial early in the alphabet helpful for publications, it also ensures you're on the winning side at soccer! At least this was true on Tuesday, 2nd September, when in a pleasant rain the A-Ho's won a close match.

Practice games every Monday at 5:15. Phone Ext. 7608 if you would like to join us. Matches are being arranged for the Fall, and we shall now concentrate on these in this column.

We play Huntington and Grumman in the near future.

Swimming Pool

The Swimming Pool is closed for maintenance and repairs. Re-opening date will be published in the Brookhaven Bulletin as soon as the work is completed.

Rifle-Pistol Club

The Patchogue Armory is available to all BNL Rifle-Pistol Club members on Tuesday nights; rifle shooters 1900-2100, pistol shooters 2100-2200.

BNL Ham Radio Club

The regular monthly meeting of the Radio Club will be held tonight, September 11, at the Recreation Building in the Apartment Area. Meeting time will be 8:00 p.m.

Theater Group Try-Outs

Try-outs for the Theater Group's winter production will be held at the Theater on September 16, 17, 22, and 25 at 8 P.M. Anyone interested in a part is urged to come.

This production will consist of two short plays: "Interview" by Jean-Claude Van Itallie (from America Hurrah) and "Good Day" by Emanuel Peluso. Both will be directed by Julie Peierls. "Interview" has four men's and four women's parts; "Good Day" has only two characters, a youngish man and an elderly woman, plus a non-speaking servant.

Anyone wishing to read the plays may obtain a script from the producer, Gert Friedlander, by calling Ext. 608.

Camera Club

The BNL Camera Club will present two movie films at its next meeting on September 15, 8 p.m. in the Recreation Building in the apartment area. One will present a biography of Mathew Brady, a famous pioneer journalist-photographer of the nineteenth century. He was particularly well known for his Civil War photographs. The second film covers the life and work of Edward Steichen, one of the photographic greats of all time. It attempts to present his philosophy of art, nature, and his work.

Members, former members, prospective members and visitors are cordially invited. There will also be a discussion of future meeting plans.

Classified Advertisements

Positions Available

EXPERIMENTAL WELDER (2) - Central Shops. Application Deadline: September 19, 1969.
 TOOL & INSTRUMENT MAKER (11) - Central Shops. Application Deadline: September 19, 1969.
 MASTER METAL WORKER (2) - Central Shops. Application Decedline: September 19, 1969.
Employees interested in applying for above positions should inform their Supervisor and file written request with Employment Office on or before deadline date.

Autos & Auto Supplies

2 CORVAIR WHEEL COVERS - "Spin Off" type, good cond. \$5. Bob, Ext. 2450, 289-0357.
 61 CHEVROLET - 6 cyl. std trans, good cond, 4 dr. \$175. Bob, Ext. 2450, 289-0357.
 64 THUNDERB RD CONV - Blk/white top, all pwr. \$950. Ext. 2908.
 62 RAMBLER AMB - 4 dr. V8, new auto trans, r/h, ps/pb, good mech cond, good tires. \$115. Ext. 7148, 924-8670.
 55 CHEVY - 2 dr, r/h, rolled & pleated int, bckts, console, body excel cond, motor & trans good. John, Ext. 2971.
 2-13" RIMS - For 60 Opel, 4 lugholes, good cond, used 1 season to mount snow tires. \$6. Roy, Ext. 560.
 HYDRAULIC BRAKE MASTER CYLINDER - Brand new, for '62-'63 Chevy. \$5. Dick, Ext. 7698.
 63 CADILLAC - Fully equipped. JU8-1889 after 6.
 66 CHEVELLE - V8, 4 dr, green/white. \$900. Ext. 2813, 281-4418 after 6.
 68 PONTIAC EXECUTIVE - 4 dr sedan, r/h, ps/pb, auto trans, w/w. 584-5216 after 6.
 2 SNOW TIRES - 7.00-6.50x13 on rims, hardly used \$25/both. Ext. 2488
 61 PONTIAC TEMPEST - 4 dr, 50,000 mi, low gas/mileage, auto trcns, r/h. \$300. 757-2506 after 6.
 67 FORD MUSTANG - Ps, r/h, tinted glass all around, V8, std trans. \$1500. Ann, Ext. 2180, 289-8326 after 6.
 62 IMPALA - 283, 4 dr hdtp, ps/pb, auto trans, free snows, r/h, good cond, avail 9/23. \$450. 281-4722.
 2-14" CHEVY RIMS - Asking \$5/pr. Eddie, Ext. 2143.
 64 DATSUN - Good body, but bad eng. Make offer. Ext. 7409.
 65 DODGE A-100 VAN - 3/4 ton cap w/heavy trans & rear end, 225 cu in six, parkway windows. \$450. D. Miller, Ext. 7230.
 66 FORD FALCON STATION WAGON - Yellow, 6 cyl, std trans, dual tailgate, new tires & brakes, 42,000 mi, excel cond. \$1200. Pion, Ext. 351.
 65 ALFA SPIDER VELOCE - Red, radio, good cond. \$1600. Dick, Ext. 7201, 941-3609.
 55 WILLYS JEEP - 4 w/d. \$250. Warren, Ext. 439, GR5-1618.
 63 BUICK SPECIAL STATION WAGON - V8, auto trans, pb, r/h. \$600. Ext. 2560, 2561.
 62 RAMBLER - 4 dr sedan, V8, auto trans, r/h, w/w, clean, good cond. \$200. Ext. 445, YA4-3082.
 69 CHEVELLE - 396-325 hp, 3 spd auto trans, ps/pb, vinyl top, excel cond. Tony, 281-5050 after 6.
 64 PONTIAC CATALINA - 4 dr hdtp, V8, auto trans, ps/pb, r/h, good mech cond. \$350. 281-5289.
 61 CHEVROLET - 4 dr sedan, ps, auto trans, r/h, recent eng overhaul, new tires, owner leaving Lab. B. Pollock, Ext. 423.
 60 PONTIAC STRATO CHIEF - 6 cyl, good cond. \$100. Ron, Ext. 2113, 928-1899.
 62 CHEVY II NOVA - 4 dr sedan, auto trans, r/h, 2 new tires, 2 snows, very good running cond. Chandra, Ext. 439, 397 after 5.
 65 LAMBRETTA SCOOTER - 150 cc. \$100. 878-1913 after 6:30.
 64 FORD GALAXIE CONV - Auto trans, r/h, 352 V8, maroon, good cond. \$750. Ext. 7351.
 66 VW - White sedan, new brakes, radio, snows moving, must sell. Adin, Ext. 7753.
 65 VW BUG - Sliding roof, good cond, orig owner, leaving country. Asking \$600. Ursula, Ext. 2449.

66 HONDA DREAM - Blk, 305 cc, 6400 mi, elec starter, crash bars, red vinyl cover, helmet, excel cond. Start bids at \$350. Marty, Ext. 2503.

66 HONDA SPORT 90 - Low mileage, rack, directionals, manual, top spd 65 mph, excel cond. \$200. Bill, 744-6433.

Boats & Marine Supplies

21' CRUISE-A-LONG - Inboard, head, sink, refrig, depth finder, sleeps 3 adults. 928-1459.
 25' CABIN CRUISER - 95 hp fresh water cooled inboard, enclosed head, galley, sleeps 2, extras, in water. Petruk, Ext. 2142, AT6-0124.
 21' CHRIS CRAFT CRUISER - 95 hp, sleeps 2, head, galley, extras, in water. \$1150. Ext. 2220, 325-0013.
 18' GARVY CLAM BOAT - Plywood construction, fiber-glassed w/outboard motor & clamming equipment. 286-8465.
 14' ROWBOAT - Good cond, ready for water. Asking \$35. Bill, JU4-6326.
 8' DYER DHOW DINGHY - Nylon sail, fiberglass hull, oars, 3 hp. Johnson. \$250. MO9-2036 after 5.
 16' LAPSTRAKE - Excel cond, in water. \$50. 475-0037.
 40 HP JOHNSON OUTBOARD 1965 - Perfect, very few hours, w/controls. \$350. Ext. 2893.
 16' BOSTON WHALER "SAKONNET" - 60 hp Evinrude, trailer, extras. \$2600. B. Museler, 473-7534.
 16' FIBERGLASS RUNABOUT - Sportcraft 1966, 40 hp elec start Evinrude 1966, in water. B. Garfinkel, Ext. 7353, 587-9372.
 18' CRUISERS INC - 75 hp Johnson Super Sea Horse elec shift, '68 Tee Nee trailer, many extras. Asking \$950. B. Weinberger, Ext. 7415, 744-5404.
 14' BLUE JAY #1072 - Excel cond, 2 compl sets sails, bailers, fully equipped, 90 racing trophies earned, trailer. \$500. Ext. 379, LT9-3269.
 32'X9'X28" - Cabin, head, bunk, 115 hp Chrysler Crown rebuilt 1967, for fishing, clamming or fun. Must sell, \$385. Ext. 379, LT9-3269.
 16 1/2' LYMAN BOAT - 35 hp motor, fully equipped, canvas top, trailer. 751-2713.
 18' COMMODORE OUTBOARD - 75 hp 1968 Johnson, excel cond, in water, Bellport dock. \$950. 286-1088.
 19' SAILBOAT - Cabin, outboard eng, dacron sails, alum spars, s.s. rigging, ground tackle, compass, cushions, extinguishers, fenders, lines, paddle, in water. \$1500. Ext. 2360.
 BOAT - Motor, trailer & water skis, 15' Penn Yan w/35 hp elec start Evinrude. \$450 or best offer. 878-1913 after 6:30.
 10 1/2' CAPE DORY - Custom dacron sail by Hard, excel cond. \$390. I. Meyer, Ext. 463, 929-4326.
 18' SEAMASTER - Fiberglass composition, w/75 hp Johnson 1960 elec start motor. \$500. Ext. 2268, GR5-7326 after 5.
 23' OWENS CABIN CRUISER - Stand-up head, galley, s/s radio, perf cond, sleeps 3, in water. Asking \$1595. MO7-9218 after 5.
 17' BARBOUR OUTBOARD - Plywood bottom, reasonable. Leroy, Ext. 560.
 23' ANA - 140 hp Nordberg, head, sleeps 2, in water. \$800. Dick, 325-0793.
Miscellaneous
 BABY ITEMS - Baby scale, \$7; infant seat, \$4; spider walker, \$2; excel cond. J. Conant, Ext. 7804, AT6-2266.
 POOL TABLE - 3/4" slate top, 1 yr old, excel cond, \$500; stereo phono, am/fm radio, console, \$100. Mauro, Ext. 7525, HR3-6339.
 RIFLE - Winchester model 94 Centennial model, 26" octagonal barrel, full length magazine, .30-.30 cal, new cond. \$85. Ext. 354.
 GE REFRIG - 9 cu ft, w/sm freezer. \$45. GR5-8599 after 6.
 TWIN DESK LAMPS - Coppertone, compl refinished, \$6; crib, wooden sides, good cond, \$15. S. Munsterman, Ext. 670.
 CHILD'S HIGH CHAIR - Maple finish, slightly scratched, adjustable tray, sturdy. \$7 firm. 878-0289.
 YOUTH BED - Wooden, refinished, w/half-sides & almost new mattress. \$25. J. Conant, Ext. 7804, AT6-2266.
 PILOT 590 PRE-AMP - Am/fm tuner, Bell Pacemaker 2221B as base amp. Best offer. Frenchie, HR2-1875.

UTILITY TRAILER - 1/2 ton cap, home-made, Bob, Ext. 7259.

GAROD RADIO - Am/fm/short wave w/auto phono, wood cabinet, \$20. Ext. 2357.

18" TORO REEL MOWER - Self propelled, \$25; teeter-tot, \$6. Ext. 2357.

IRISH SETTER PUP - AKC, male, 8 wks old, choice dog of litter. V. Balsamo, Ext. 600, 929-4631.

TRY CAMPING YET? - Will set up travel trailer (sleeps 4, self contained) on site of your choice anywhere on L.I. A. Kreisberg, Ext. 7500.

SAKO .222 - W/Flaigg barrel, thumbhole stock, 17 lbs, new cond. \$160 firm. Ext. 353, AT6-0436.

PORTABLE RECORD PLAYER - Stereo, 4 spd. \$25. 878-1913 after 6:30.

SKIL PNEUMATIC DISC SANDER POLISHER - \$25. Ext. 597, AT6-0436.

PETRI AUX LENS - Wide angle & telephoto, for Petri racer or 75, very reasonable. Lance, Ext. 7351.

ZENITH 21" TV - 2 yrs old. \$125. GR5-1940 after 5.

BABY CARRIAGE - \$15; playpen, \$12. GR5-9131 after 5.

CAMERA - Mamiya Press Deluxe 2 1/4"X2 3/4", 90 mm, f3.5 lens, Graflex back, roll film holder, sunshade, carrying case. Compl, \$180. I. Meyer, Ext. 463, 929-4326.

MATTRESSES - 2 std extra firm Sealy Posturpedic king twin, 40"x78"x6", excel cond. \$90. Don, Ext. 2430, 921-8216.

20" WINDOW FAN - As new. \$12. Ext. 613.

ALUM SCREENS & WINDOWS - Screens (2) 31 3/4" x38 3/4", (3) 31 3/4" x50 3/4", \$3 ea; triple track windows (2) 45"x59 1/2", \$7 ea. J. Thomas, Ext. 7440, 281-7965 eyes.

STEREO - Hand polished walnut console, 4 bands, multiplex fm, 4 spd PE66 phono, dual amp, PB controls, TV needs work. \$150. J. Thomas, Ext. 7550, 281-7965 eyes.

STEAMER TRUNK - Drawers on 1 side, hangers on other side. \$5. J. Ryan, Ext. 560.

6 AKC BEAGLE PUPS - Very good blood line & colors. \$25 ea. Leroy, Ext. 560.

PORTABLE KENMORE DISHWASHER - Good working cond, \$25; 12'x3' pool, filter, all acces, \$45. 475-0037.

SHALLOW WELL PISTON PUMP - Delco, needs minor repairs. \$20. Dick, Ext. 7698.

20 BLUE DANUBE JUNIPERS - 18-24" vase shaped, blue green color. \$1.50 ea. Ext. 7382.

9'6" DEWEY-WEBER SURFBOARD - Used 6 times by novice who gives up. New \$194, sell \$150. Ext. 2916, OVI-3314 after 6.

PORTABLE PHONOGRAPH - GE, \$60; skin diver's equipment (fin & mask), \$10. Ext. 2813.

LAWN MOWER - Sears 18" reel, 2.5 hp, good cond. \$25. Petruk, AT6-0124.

LAWN CARE & MAINTENANCE - Riverhead area. J. Bennett, Ext. 2734.

SINGER SEWING MACHINE - Console cabinet, opens to 50" table, excel cond, foot pedal, zipper foot, buttonhole maker, 6 other attachments, extra bobbins, instr bk. \$65. John, Ext. 7509.

SET OF LIFTING WEIGHTS - \$8; bowling ball & bag, \$15; golf irons, \$2.50 ea; 20 gal fish tank & stand, \$12. Ext. 2488.

STAMPS - New issues, sports & olympic, excel cond, plus Linder stock pages 374 stamps, 32 Sov. shts (1968 issue price \$175). \$150. Ext. 7343.

RELOADING EQUIPMENT - Lyman turret press; auto powder measurer; dies for 12 & 16 ga shotgun, 30-30 & 30-06 cal, used twice. \$100. Ron, Ext. 553, 928-1398.

HOTPOINT DELUXE WASHER & DRYER - Like new. \$300/pr. GR5-7372.

YARD SALE - 9/13, 14, 56 Franklin St., N. Patchogue, asst doors, counter top, china closet, misc. GR5-7372.

.30 CAL M-1 CARBINE - Fired once, like new cond. Best offer over \$50. Ext. 7356, 281-4549 eyes.

PORTABLE RECORD PLAYER - Magnavox, battery operated, almost new (\$20). Sell \$12.50. W. Schmidt, Ext. 7772.

HUDSON COMPRESSOR - Excel cond, 4 gal cap, for spraying trees & shrubs, 3 mos old. New \$16, asking \$10. Herb, Ext. 2934.

CONVENTIONAL FISHING EQUIPMENT - In like new shape, several 9' surf rods, bay rods & reels to fit, very reasonable. G.F. Buhl, 744-2506.

GE FULL SIZE REFRIG - Excel cond. \$28. P. Soo, Ext. 2711, 281-3965 eyes.

I WHEEL UTILITY TRAILER - \$50. AT6-9304.

REFRIG - Used, but needs temperature adjustment, good cond. \$10. J. Palmer, Ext. 2373.

4 BURNER GAS RANGE - W/2 kerosene burners. \$15. 281-9411.

GARAGE SALE - 9/12-13, 113 Bonnie Rd (North off Brook), Oakdale. L. Bartos, Ext. 7752.

ADMIRAL TV - W/stand, 2 yrs old, excel cond, \$40; chest of drawers, \$7; bedside table, \$5; arm chairs, \$3; coffee table, \$6; lamps, other items. 281-4722.

EICO STEREO AMPLIFIER - ST-40, excel cond, 20 watts/channel. \$35 or best offer. D. Hirst, Ext. 2938, 286-3912.

SEARS TENT - Outside framing, 16'x10', 2 yrs 2 mos, used 6 wks, compl enclosed w/floor, reasonable. 751-2713.

BARN SALE - Sat, 9/13, 10 am, contents of early E. Moriches homestead, everything must go, Main St., E. of traffic light. Ext. 7400.

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

46 LOTS - Groveland Park, Sound Beach. 744-2004 after 5.

SMITHHAVEN AREA - 2 story, 3 bedrms, 2 full baths, lg liv & fam rms, dbl garage, finished basement, trees, low taxes, good cond. \$21,000. C. Ferraro, Ext. 591, 588-9383.

1 OR 2 FAM HOME - 9 rms, 2 baths, full basement, alum s/s, steam heat, city water, kitchen, din rm & den recently remodeled, early Am, all appliances, 60x130 land. Luccioni, Ext. 2950, 732-3762.

BELLPORT VILLAGE - 3 bedrm home. By appointment, AT6-0868.

BLUE POINT - 3 bedrm ranch, liv rm, din rm, sun porch, fireplace, built-in book cases, expansion attic, fenced patio, 160x150 wooded plot. \$30,000. By appointment only, 363-9513 after 5.

MASTIC PARK - 6 rm house, h/w heat, cellar, 80x100 plot. 732-4147 after 6.

For Rent

APT - Wading River, liv rm, bedrm, kitchen, suitable for 1 or 2 adults, avail 10/15. \$115/mo, incl util. Lorrie, Ext. 7136.

3 BEDRM HOUSE - Pt Jeff Station, near shopping & schools, compl renovated inside. \$200/mo. J. Palmer, Ext. 2373, 751-1315.

3 BEDRM HOUSE - Furn, Sound Beach, lg kitchen w/dinette, garage, liv rm, porch, 10 min from Lab. \$150/mo. OVI-4171.

FURN STUDIO APT - Center Moriches, for single person, private. Ext. 2795.

Wanted

USED SHOTGUN - 20 or 16 ga, reasonable. F. Rumph, Ext. 7581.

AMMO - 30 cal M-1 carbine. Ernie, Ext. 7816.

HOME - For male puppy, 6 mos, Collie-Shep mix. 281-4549.

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

COMPLETE 3:70 OR 4:11 POSI UNIT - To fit '55-'64 Chevy. Claire, Ext. 2131, 281-8306 after 5.

60' RG8 50 CABLE - Ext. 638.

CLARINET - B flat. Ext. 7180.

TO RENT - 1 or 2 bedrm apt, preferably unfurn. P. Soo, Ext. 2711, 281-3965 eyes.

COMPETENT PERSON - To repair phonograph. P. Soo, Ext. 2711, 281-3965.

TWIN BED MATTRESS - Spring optional, good cond. Claire, Ext. 7429, 744-5969.

CERAMIC TILE INSTALLED - & repair, also panelling. AT6-9304.

GENERAL HOME MAINTENANCE WORK - Remodeling, repairing, panelling, shingling, reasonable. 732-3762.

SM WOOD BURNING STOVE - For garage workshop. 281-9467.

VACUUM CLEANER - Used, in good working cond. Cohen, 475-4038.

'62-'65 VW - In good running cond. Kurt, Ext. 2309.

DOG HOUSE - For sm dog. Anne, Ext. 7426.

LOVING HOMES - For adorable puppies, Pointer-Retriever mix, blk/white markings. Betty, Ext. 7248.

SNOW TIRES - 6.00x13, good cond. J. Smith, Ext. 2797.

BABYSITTING JOB - Reliable woman will care for your children, preferably in my home. E. Patchogue. 475-2145.

TO TRADE - S&H Green, King Korn or Orig Green stamps, want Triple S Blue. M. Strongson, Ext. 2727.

USED OR OUTGROWN TOYS - Books, blocks, etc, for pre-school, kindergarten aged children, anything 3-5's can use will be greatly appreciated, needed for setting up new church school class. S. Smith, Ext. 7676.

DESK - Any cond. Ralph, Ext. 481.

HOMES - For 2 male kittens, 8 wks old, 1 blk & white, 1 all blk. Jackie, Ext. 2495, 286-1201 after 6.

MALE PERSIAN CAT - Preferably white, must be a pedigree, purpose: matrimony. Lydia, Ext. 2928.

HUTCH/ROOM DIVIDER - 4 or 5 shelf bookcase, good cond, reasonable. 281-8622 after 6.

HOMES - For 7 wk old cuddly, long-haired kittens, 3 female, blk & white, 1 male tiger. A. Carroll, Ext. 2302, 744-5093.

POLAROID FILM PACK TYPE CAMERA - Wanted for parts, broken cameras preferred. Ext. 597.

Carpools

PAYING RIDER - Would like ride from Medford (Eagle Estates). Gary, Ext. 7121.

PAYING RIDER - Needs ride from Middle Island for 2 wk period beginning 9/22. Renie, Ext. 319.

JOIN OR FORM CARPOOL - To Garden City-Hempstead area, for Mon nite class. M. Strongson, Ext. 2727.

DRIVER WANTED - For carpool from Massapequa. Ext. 2942.

LIKE TO FILL UP CARPOOL - From Bellport, have 2, need 2. B. Kropp, Ext. 2459.

2 MORE DRIVERS NEEDED - For carpool in W. Sayville/Oakdale area. Frank, Ext. 2231.

PAYING RIDER - Needs ride from "Hewitt Real Estate", Moriches. John, Ext. 2921.

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
 For Sale: Boats & Marine Supplies
 For Sale: Miscellaneous
 Wanted
 Carpools
 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.

Employee's Signature: _____ Life No. _____ Ext. _____
 Send to: Brookhaven Bulletin, 40 Brookhaven Avenue

(Name & Phone No. To Call)