



New Projects Proposed To AEC for Funding

Rita Greenhouse

While BNL employees have been asked to conserve energy, the Administration has been working on several projects of its own. Both are being submitted to the AEC for funding, with a projected budgeting date in Fiscal Year 1975.

The proposed "Chilled Water and Compressed Air Facility" would provide 5,000 tons of air conditioning for the HFBR, Physics and Math buildings, the Biology building, the Tandem Van de Graaff and the Medical Research Center. In addition, low dew-point compressed air for experimental and utility service will be provided, with enough reserve to supply systems that are close to retirement.

By using centralized, automated controls, independent systems will be eliminated and space and power released for other purposes. The central facility will also lower initial installation costs, while reducing all energy costs by about 67% due to the improved utilization and diversity factors of a central plant. Use of electricity, fuel for air conditioning and compressed air could be reduced by 33% of the current level; well water usage could also be reduced by 33% (880,000,000 gallons).

The second project proposes to modify and extend the underground steam facilities. This includes installation of new mains in the central area of the site, steam pressure reduction station additions, extension of the underground high pressure steam grid and installation of an automatic temperature set-back control sequence.

According to Joe Rose of Plant Engineering, approximately a 10% savings could be made through the automatic temperature set-back control sequence alone. This involves a reduction in building temperature during off-hours of operation (week day evenings, week-ends and holidays) when they are unoccupied. The controls will automatically restore the thermostats to their normal set-points prior to starting time in the morning.

The extension of the high pressure steam grid is intended to retire "obsolescent and inefficient independently fired heating plants" according to the proposal. "After 25 years of service, the heating plants are 'spent' and should be retired." By reverting to a central steam plant, and retiring old heating units, about a 110,000 gallon reduction in distillate fuel usage could be made by utilizing heavy residual oils. Fuel costs could be reduced by \$5,000 per year.

According to Rose, "These are the two most viable and largest efforts we've put together . . ." both projects having entailed two to three years of part-time study. The 'chilled water' project should take about three years from the date of funding until it is in full operation.

Smaller scale energy saving projects include the installation of new high pressure sodium lamps in offices. According to A. Mahlmann of Plant Engineering, they are "seven to eight times more efficient than incandescent lamps," and a fraction as many of the new types are needed to produce the same out-put.

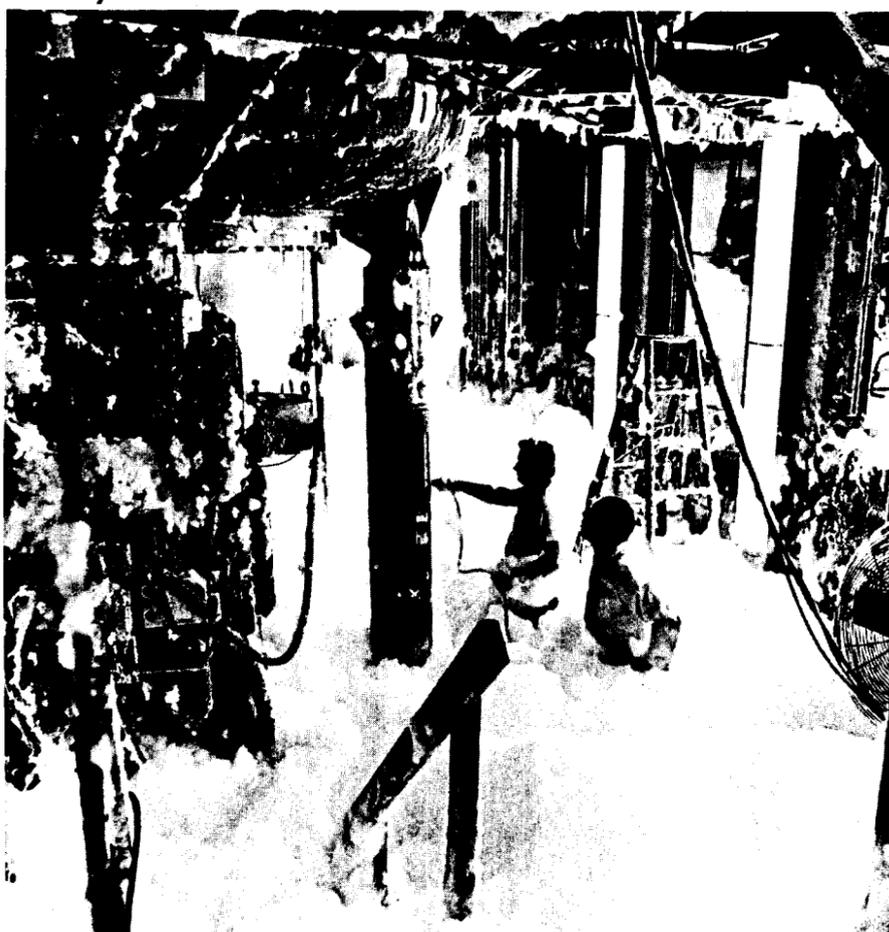
In the meantime, employees are still asked to continue to conserve on an individual basis. An energy reduction could be made simply "if most people would apply their personal habits from home . . ." said Mahlmann. Conservation is important because of energy shortages, but the cost factor also plays an important role. By saving electricity, fuel, air, steam and water we also save tax dollars.

Staff Services Note

An employee's correct mail address at the Laboratory consists of his name, the appropriate Mail Drop number (shown in the Telephone Directory), "BNL," and "Upton, New York 11973.

Street addresses such as 2 Center Street may be helpful to visitors trying to locate an employee, but on U.S. or Intra-Lab Mail they are superfluous.

Foam System Works



On Friday morning the automatic foam fire-protection system for the 7-foot Bubble Chamber was automatically initiated, caused by an electrical design fault in the manufacturer's circuit. The incident provided a vivid demonstration of the foam system's ability to flood the entire building with extinguishing foam very quickly. By the end of the day clean up had been virtually completed and left the facility spotless. In the above photograph Hank Arnesen and Al Wirszyla are "mopping up" near the chamber's expansion system.

— Photos by Rosen

Al Wirszyla (with halo), Hank Arnesen, and Bill Casswell took a bubble-bath during clean-up of the nontoxic foam.

Two Million Retirement Mark



The Mark I and Mark II Hough-Powell Digitizers for Bubble Chamber film were retired recently after they had been used to measure 2,003,900 nuclear events during the past ten years. Grouped around the HPII for a farewell party are: Richard Strand (left) and Paul Hough, Barbara Smith, Ben Rosen, Mike Munoz, Phil Kent, Joe Sheliga, Ed Franz, Dick Hogue, Frank Crifasi, Joe Nardi, Marty Van Lith, and Carsen Daniels.

Ruby Grapefruit Started At BNL

Rita Greenhouse

Red Grapefruit?

It's all the rage among Texas citrus growers. The story involves BNL, a mutation, and a lot of seeds.

About 15 years ago, C.E. (Ted) Hudson, Jr., of San Benito, Texas, discovered a mutation on his Foster Pink grapefruit tree. The new, sweet, red grapefruit had everything - including about 60 seeds.

Ted dubbed his seedy prize the "Hudson Pink" and set out to market it. Fear of a financial loss however, forced Ted to sell prematurely to cousin C.E. (Ned) Hudson.

Despite the high quality of the fruit, the market rejected the Hudson Pink because of the large number of seeds. Still Ned persevered. He took the fruit to Dr. P.W. Rohrbaugh, Director of the Texas A&I Citrus Center in Weslaco, Texas. Being well versed in the difficulties involved in conventional methods of breeding new varieties of citrus fruit, Rohrbaugh took advantage of the Center's membership in BNL's cooperative radiation program. In 1959 he sent various citrus seeds, including more than 3,000 of the Hudson Pinks, to BNL where they were irradiated with thermal neutrons and X-Rays. The project at BNL was undertaken by Drs. Seymour Shapiro and Jerome Miksche. The only previous work with citrus irradiation was done in 1935.

According to Rohrbaugh's assistant, Dr. Richard Hensz, Dr. Rohrbaugh intended to "carry each viable seed through to fruiting by taking buds from each seedling grown from the irradiated seed." By the time the seedlings were ready to be transferred to the test plot, 1200 buds and 6,000 seedlings had survived; among them was the future "Star Ruby" grapefruit.

Hensz noted that "very little radiation damage was seen from seed treatments." And most of the abnormal, growth responses disappeared as the young trees developed. After Rohrbaugh's death, Hensz took over the project.

Six seeds from the thousands of irradiated citrus produced a mainly seedless red grapefruit. From these six, Hensz selected the one which consistently produced the fruit with the least seeds. This was the Star Ruby - a brilliant, red grapefruit which is delighting growers and consumers alike. The new grapefruit has a higher sugar and acid content than its predecessors and retains its color past peak maturity.

Now, over ten years later, the Star Ruby has been transplanted to Florida, California, Arizona, Hawaii, British Honduras, the Fiji Islands, Brazil and Taiwan. Plans are also being made to take some of the trees to Puerto Rico this summer.

Dixieland Jazz at BNL

BNL's one and only Dixieland Jazz Band, "The Isotope Stompers," will be playing every Monday from 6 to 9 p.m. in the North Room of the Brookhaven Center. Everybody is invited.

Stony Brook Events

Events open to the general public during the summer session continue this week at the State University of New York at Stony Brook. Unless otherwise noted, all events are free and open to the general public.

Friday, July 13

A folk dance will be held in the courtyard of the University's Stage XII residential quad beginning at 8 p.m.

Monday, July 16

An exhibit of kinetic art by Lewis Lusardi, Director of The Center for Contemporary Arts & Letters, will open with a noon reception in the Stony Brook Union Art Gallery and continue through 5 p.m. The exhibit will run through Friday, from noon to 5 p.m.

Wednesday, July 18

An open crafts session in making "Foam Critters" will be held in the Stony Brook Union's Courtyard from 11:30 a.m. to 1:30 p.m.

Thursday, July 19

An Old Fashioned Summer Social will be held from 7-12 p.m. in the woods between the Stony Brook Union and the Infirmary.

Morning Recreation Program



Recreation Counselor Rich Parsons catches ball for Kimberly Siegmund and Paul Kisslinger seated on top of cubes in the playground by the Recreation Building in the apartment area. Other youngsters are: Lucia Lee, Asa Ben-Hur, Mark Robbins, Michael Schermer and Benjamin Lee.



The arts and crafts of the Morning Recreation Program is led by counselor Barbara Smalle (left). Students are: Gudrum and Tamara Eisenraegler, Sophie Aslanides, and Sheela Chikkappa.



Manju Chikkappa, who plays a great game of Nok Hockey, is one of the 55 youngsters who are enrolled in the Morning Recreation Program for on-site children.

Summer Recreation Program Opens

Children of Brookhaven Lab employees began their summer activities this week. Enthusiastic youngsters were introduced to games, sports, nursery activities and swimming by the Recreation Staff. The staff includes Mr. James Waite, Mr. Richard Parsons, Mrs. Barbara Smalle and Miss Mary Grace Lazzaro with the aid of Youth-on-Campus worker Mr. Randy Alford.

Special events were announced for the morning recreation program and the afternoon swimming program. On Friday, July 13, the treasure hunt and gorilla hunt will take place in the morning while the penny fetch will occur in the afternoon at the swimming pool.

Parents are reminded that two more special events will take place on Friday, July 20; the crazy hat contest will begin in the morning program while the inner tube derby and kick board races will happen in the afternoon.

BERA Golf

The June tournament was held on June 21 at Middle Island C.C. amidst the fog and the rain. Most of the participants had completed their play but a few were caught on the course when the rains came. Les Lawrence overcame a shaky start on the first hole to come in with a fine score of 40 to win the event. This included a birdie on the tough par 5 eighth hole. Complete results are: Low Gross Les Lawrence, 2nd Low Gross Jim Conway. Low Net Les Lawrence; 2nd and 3rd Low Net was divided by Jack Detweiler and Ed Beardsworth as they came in with tie scores. Vinnie Racinello won the closest to the pin contest on hole #5 with Les Lawrence again picking up a prize on the longest drive contest.

Golfers are again reminded of the tournament scheduled for this month at the Suffolk County Course at Riverhead. The date is July 24th, Tuesday with a rain date of July 26th, Thursday. This would be a good time to schedule a few make up rounds if anyone is behind in their league play. Greens fees are \$3.00 with the Suffolk County Parks permit vs. \$5.50 guest fees, so get your permit in advance. Applications are available from Jim Petro, Ext. 4421 or George Korhut, Ext. 2021.

Our league secretary would like to make a plea for all golfers to clearly mark all team and individual points scored in a match on your scorecard.

Further information on the July tournament can be found on our golf bulletin board located in the gym. Entry fee of \$2.00 can be sent to George Korhut, Bldg. 911B.

It's the Law

Section 1154 of the Vehicle and Traffic Law provides that, notwithstanding any of the right-of-way assignments given to motorists over pedestrians, "every driver of a vehicle shall exercise due care to avoid colliding with any pedestrian upon any roadway."

The basic speed law requires that persons shall not operate vehicles at speeds greater than is reasonable and prudent under the conditions and having regard for the actual and potential hazards then existing; a pedestrian is a potential hazard.

Cafeteria Menu

Week Ending July 20, 1973

Monday, July 16	
Cream of Tomato Soup	
Breaded Pork Chop w/1 Veg.	.99
Beef Ravioli w/Parmesan Cheese & 1 Veg.	.90
Beef Livers w/Smothered Onions & 1 Veg.	.99
Tuesday, July 17	
French Onion Soup	
Salisbury Steak w/Brown Gravy & 1 Veg.	.90
Frankfurters w/Baked Beans & Cole Slaw	.90
Sliced Turkey & Stuffing w/Cranberry Sauce, Giblet Gravy & 1 Veg.	1.05
Wednesday, July 18	
Vegetable Soup	
Chinese Pepper Steak on Rice	.99
Chicken Stew Casserole	.90
Fish Filet Parmesan & 1 Veg.	.99
Thursday, July 19	
Turkey Noodle Soup	
Ham & Cheese on Toasted English w/Pickled Beets	.85
Veal Patty w/Noodles Oregano	.90
Braised Beef a la Mode & 1 Veg.	1.05
Friday, July 20	
Clam & Celery Bisque	
Fried Shrimp w/Tartar Sauce & French Fries	1.05
Barbequed Breast of Lamb & 1 Veg.	.99
Broilet Turbot & 1 Veg.	.99

Arrivals & Departures

Arrivals	
Sharon R. Pecorino	Tech. Information
James A. Salvato	Central Shops
M. Daniel Willis	Systems & ADP
Departures	
None.	

PTA Member



Jeannie Riley, member of the Harper Valley, Tennessee PTA, will be visiting Brookhaven Lab on Sunday, August 26. Ms. Riley will be the guest of John Binnington, Technical Information.

Letters To The Editor

Dear Sir:

With the threatened shortage of fuels of all kinds and with a conservationist's ideal of making the most of our resources, I have been experimenting with my hot water heating in the summer. My system has a coil in the oil burner which gives me hot water, enough for a bath or a load of laundry, in 10 minutes from a cold start.

Lately I have been turning off my burner in the morning when I leave for work, turning it on when I get home, and after evening use, switching it off again. It seems to me ridiculous to let the thing run all day and night heating water for which I have no use. However, since gauges on oil tanks are far from accurate, can anyone tell me whether this is more economical of fuel than letting it run all the time? If it is, why hasn't someone pointed it out, or designed a low-cost appliance which could heat water almost instantaneously and then be shut off for the many people who use hot water principally twice a day?

Perhaps one of the inventors on site could steer me to a person who could pass on the feasibility of such a scheme, or help me propose it to a member of the environmental protection agency concerned. With the energy crisis so acute, any idea, no matter how harebrained, should be considered seriously.

Claire Hull

Dear Sir:

Concerning the article, "Soviet Living Not Easy for American Scientists" (June 29), I was strongly inclined to write a similar article with the title "American Living Not Easy for European Scientists."

My wife and I (both of Swiss nationality) have spent four months in the United States, but we still feel that we cannot give a final judgment of the American way of living, whereas the above mentioned article is based on a rather short trip to the Soviet Union and dares to pronounce a definite opinion. The author of the article makes you believe that the most significant signs of civilization lie in such items as cars and ice cubes. Having been in the Wildwood State Park on one of the last weekends, we also are not really sure if one can see an indication of the only good way of living in the existence of picnickers. I have visited the Soviet Union about eight years ago, but, supposing that things have not changed drastically since then, I have to confess that I only got to know what bureaucracy means when I struggled my way through the visa application for the United States.

Meeting Americans in foreign countries, I usually was astonished by their peculiar tendency to judge countries by the existence of water fountains, air conditioners, television, refrigerators, and the readiness of the population to answer in English. However, I doubt if these aspects of life which seem to lead the average American to happiness will give the same result also in the case of other countries.

Peter Muhlemann

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CARL R. THIEN, Editor
CLAIRE LAMBERTI, Editorial Assistant

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

Movie Tonight

The premier offering of the BERA Summer Film Festival will be the classic horror film that Makes Dracula and Frankenstein look like amateur theatricals!

F.W. Murnau's *Nosferatu* was the first film version of Bram Stoker's famous novel *Dracula*, and was Murnau's first major success. Today the film is still considered to be a towering achievement in atmospheric cinema, and many authorities cite it as the finest horror-fantasy film ever made.

Murnau changed the locale to Germany, and the time to the 1830's, and added touches of Nordic mysticism to what has become "traditional" vampire lore. Thus, love has a strange, compelling power over vampires, and the vampire's victims die slowly, after repeated blood-letting. Today one bite seems fatal, and religious crosses, stakes through the heart, and garlic cloves hanging from the rafters seem to be the only effective deterrents. But Murnau's vampire stands alone as the most repugnant and loathsome figure to be encountered in the cinema.

As the story unfolds, a real estate agent sends his recently married clerk to the castle of Graf Orlok to settle a business matter. Hutter, the clerk, travels by coach through the mist-shrouded Carpathian woods till he reaches the mysterious castle of Graf Orlok. The day after his arrival he wanders through the abandoned castle and finds Graf Orlok, or Nosferatu, lying in a coffin, eyes wide open. Nosferatu is a vampire who sleeps by day and hunts for fresh sources of nourishing blood at night.

Hutter, somewhat surprisingly, is asleep in his bed in the castle when Nosferatu approaches him. Just as he is about to sink his teeth into Hutter's neck, Ellen, Hutter's wife, awakens in far off Bremen with her husband's name on her lips. Nosferatu retreats, defeated by the supernatural power of love.

The vampire, parched and thirsty, leaves the castle more and more often in search of

Nursery School Registration

The Upton Nursery School is now registering children for the 1973-74 school year. The School offers three- and four-year old children a variety of opportunities in social activities, art, dramatic play, music, outdoor activities and experiences that build readiness for work in elementary school. Classes are held in the Recreation Building in the Apartment Area. Professional teachers are in charge of all classes.

There are two sessions of the school - one meets on Monday, Wednesday and Friday and the other meets on Tuesday and Thursday. Within each session there is a three- and four-year old class. The school term begins after Labor Day and ends in mid-June. Classes begin at 8:30 a.m. so that children can be dropped off by their parents on their way to work. The school day ends at 11:30 a.m.

The School is a non-profit, self-supporting, cooperative BERA activity operated for the benefit of pre-school children of BNL employees. The parents of the students contribute some of their time to the School's operation so an excellent program is provided with minimal tuition fees.

Openings are now available for next year's classes. Inquiries should be directed to Diane Casey at 473-0770 or Ken Mohring at Ext. 2495.

BNL Mountain Club

The BNL Mountain Club recently held a dramatic demonstration of Kayaking in the Lab pool. After showing a film of the 1969 World Championship Canoe and Kayak races in France (narrated by Russ Everett of Eastern Mountain Sports), action shifted to the pool.

The 60-plus visitors and members donned bathing suits and watched a demonstration of kayaking skills by Frank Cia and Russ Everett. After the demonstration the audience was invited to try out the kayaks for themselves. While the demonstrations were in progress, questions were answered on all related subjects.

Further information about this and other activities of the Mountain Club can be had by calling President Bob Bergoffen at Ext. 4417 or 4442.



blood. Pestilence follows in his wake wherever he goes. Seeking new sources of blood, he boards a ship, and soon the entire crew lie dead, but the unmanned ship sails on mysteriously to Bremen. When he reaches Bremen he searches out Hutter's wife Ellen to get revenge. But instead of withdrawing from him, she flirts with him, and delays his return to his coffin long enough for the sun's rays to pierce through the morning clouds, and Nosferatu is destroyed by the power of the sun.

Show time is 8:30 p.m. in Berkner Hall. Tickets are available at the door and are priced at \$1.00 for adults, and 50 cents for those under 18. Employees, families, friends and the general public are invited.

Next week will be a special bit of mid-summer madness entitled *The Classic Comedians* starring Chaplin, W.C. Fields, and The Marx Brothers. Same time, same place.

Softball

Dick Ruffing

Brookhaven League

First half winners, the Blue Jays, were defeated by the Old Timers 13-2. The Old Timers played a head-up ball game on defense and the Blue Jays couldn't buy a base hit.

In the second game of the evening, the Dirty Sox defeated Metallurgy 12-9.

National League

The Six Pax defeated the Bio-Meds 12-7. Six runs in the third inning broke the game open for the Pax.

In a very well played ball game, the first half winners, S&M, defeated EAO 8-7. A good game by both teams.

Laboratory League

No scores reported.

University League

As a result of last week's play, the University League ended up in a threeway tie for first place. The Oh Kays defeated the Gotcha's 13-5. Ed Taylor had three home runs in the game.

In the other game played, the Different Strokes defeated the Odd Couples 11-7.



— Photo by Walter Parson

Classified Advertisements

Placement Notices

Each week, the BROOKHAVEN BULLETIN lists personnel placement requisitions currently being processed. The purpose of these listings is, first, to give notice of all non-scientific staff positions being filled and, second, to give employees an opportunity to request consideration for themselves or others whom they wish to recommend to BNL. In filling vacancies, the Laboratory's objective is to give first consideration to present employees, as follows: employees within the immediate group having the vacancy, employees within the department or division, employees within the Laboratory as a whole.

For further information regarding a placement notice, please contact Employment Supervisor, extension 2879 or 2882.

COMPUTER MAINTENANCE TECHNICIAN - A.A.S. degree or equivalent and experience in maintenance of digital systems and electro-mechanical equipment. Possible shift assignment. Applied Mathematics Dept.

TECHNICAL SPECIALIST - B.S. degree or equivalent in bio-chemistry or chemistry with experience in chromatographic methods, analytical techniques and synthetic organic chemistry. Medical Department.

REGISTERED NURSE - Rotating shifts. Medical Dept. TECHNICIAN - Tandem Van de Graaff operation. Part-time. Physics Department.

PHOTO-DARKROOM TECHNICIAN - Experience in color and b/w printing. Photography & Graphic Arts.

Autos & Auto Supplies

64 CHEVY - Ps, auto trans, r/h, V8. Ray, Ext. 3531.

68 COUGAR XR-7 - Excel cond, may be seen at Ridge Mobil Ser. Sta. Ext. 3516.

64 PONTIAC BONNEVILLE - Eng recently overhauled, 4 dr sedan, int & ext excel cond. 281-4138.

69 CHRYSLER STATION WAGON - Pwr everything, excel cond, radial tires. \$200 over wholesale. W.S. Webster, Ext. 2564.

RIMS FOR VOLVO 140 SERIES - 1-6.85x15 tire, 2-7.20x15 tires, all w/excel tread. M. Strongson, Ext. 4137.

CONSOLE STORAGE - Center console storage compartment w/lock, fits all cars w/stick shift & bckts. B. Espensen, Ext. 3992.

60 VW BUG - Sunroof, minus motor, make offer. Ext. 3655, 281-2002.

TIRE - Goodyear polyglass belted w/w G78-15 (8.25x15), very good cond. \$13. 732-5829.

71 TOYOTA CORONA - 4 dr sedan, std shift, r/h, fact air, orig owner, needs new muff, leaving, must sell. \$1200 firm. Gerard, Ext. 4375, 744-6509.

68 PONTIAC WAGON - Excel cond. \$900. Ext. 3254, 744-8680.

66 CHRYSLER NEW YORKER - Gold & blk, good cond. \$300. Kathy, Ext. 3303, 585-4040 after 6.

14" MAGS - F78-14 tires, \$60. HR3-2523 after 6.

65 VW BUS - 10,000 mi on rebuilt eng, 2 new tires. \$300. 473-1578.

71 YAMAHA - 250 cc Enduro, low mileage, mint cond. \$595. 286-0336.

REAR SEAT BENCH - 2 side windows w/vent wings, incl rubber, from 71 VW Bus, new cond, make offer. Kurt, Ext. 3170.

70 CHEVELLE WAGON - Beige, air, ps/pb, V8, auto trans, very good cond, low price. \$1150. Rick, Ext. 3979.

Boats & Marine Supplies

65 CHRIS CRAFT CONSTELLATION - Newly painted, ss radio, elec anchor, onboard kitchen, CG approved head, yard maintained. 887-2037 after 7.

18' CUSTOM BOAT - Marine plywood, fully fiberglassed, USCG equipped, 40 hp Evinrude, Holsclaw trailer. \$1200. 588-4987.

18' PLYWOOD RUNABOUT - 75 hp Evinrude, tandem trailer, fully equipped, many extras, set up for fishing. \$800. Mrs. Novak, Ext. 3477, 878-2298.

25' OWENS - FW cooled, excel cond, in water, approved head, sleeps 4, ideal family boat. 589-2648 after 6.

15' LITTLE DUDE TRAILER - Can handle boats from 12'-15', tilt type. B. Espensen, Ext. 3992.

23' LUHRS JERSEY SKIFF - 109 hp Graymarine in-board, sleeps 2, head, elec bilge, radio/telephone, depth finder/fish finder, immaculate, fully equipped, ready to go, forced to sell. \$1995. 931-4500, Ext. 280 days; 872-0826 eves.

21' SHOREBIRD - Gaff rig sloop, f/g over wood, compl equipped, 4 hp Evinrude OB (10 hrs old). \$700. Ben, Ext. 2902.

25' CHRIS CRAFT EXPRESS CRUISER - 185 hp V8, s/s, d/f, extras, dockage paid, asking \$1600; nautolex decking, 12 yds x 72" w, white. Mike, Ext. 4513, HR2-0552.

17' FIBERGLASS SPORTCRAFT - 1970-85 hp Evinrude, tilt trailer, many extras. 928-2954 after 5.

Miscellaneous

HOTPOINT REFRIG/FREEZER - 12 yrs old, excel cond. \$75. HR3-3077.

CHILD'S CRIB MATTRESS - Like new, used only 1 yr. \$8. 289-1242 after 5.

CYLINDRICAL BIRD CAGE - Hgt 51", 38" circumference, excel cond. \$5. 286-8517.

TANDEM BIKE - Brand new; lg soft bodied doll; 2 almost new men's luggage; 2 older pcs luggage, 1 man's, 1 ladies'. 286-0376.

CREE TRAVEL TRAILER - 18', self-contained, gas stove/oven, refrig. 325-1961 after 5:30.

BREAD MIXER - Make your own w/no sweat or kneading; pr 27" tall table lamps, brown eggshell speckled porcelain, \$20. Ext. 3655, 281-2002.

ACCORDIONS - 2 Hohner, look them over & make offer. Les, Ext. 2449.

2 BOY SCOUT UNIFORMS - Winter & summer, lg, \$10; 2 sets, 2 pc long clam rake handles, \$10 ea; 1 bushel golf balls, all good cond, no cuts. \$60. 286-9485.

LYMAN 10X SCOPE - Excel cond, \$50 w/mounts; 4 cavity bullet mould. 45 cal, \$12. John, Ext. 3499.

SONY TAPE RECORDER - Almost new. Ext. 3619.

SURFBOARD - 8'3", V-bottom, sm fin, old but OK. \$25. 924-3312.

BABY CHIFFEROBE - Good cond. \$15. Ext. 4009, 475-6288.

AMATEUR GEAR - SB401, SB301 w/AM, CW xtals, excel cond, best offer. Ext. 3950.

4 PC LIV RM SECTIONAL - \$80; refrig, excel cond, \$100. Sophie, 929-8317.

GERMAN SHEPHERD PUPPIES - AKC, champion import bloodlines, 6 wks old. \$75-\$125. 281-2789.

MAGNAVOX CONSOLE RECORD PLAYER - Twin speakers. \$25. Pete, Ext. 3350.

3-CUSHION COUCH - W/green slipcovers, \$25; dinette set, leaf & 5 chairs, \$15; wooden playpen, \$5. Paul, Ext. 3412, 289-8116.

MOVIE PROJECTOR - Kodak Instamatic M70 Super 8. Reg \$150, asking \$100. Paul, Ext. 3412, 289-8116.

CHAIN SAW - McCulloch, brand new, never used. Sacrifice, must sell. Ext. 3712, 924-3761.

KEYSTONE PROJECTOR - 8 MM, auto thread, zoom focus, best offer. Bob, Ext. 3121.

POOL TABLE - Regulation size, slate, all access incl. \$100. Ext. 3672, 924-4261 after 5.

START MAKING CHRISTMAS GIFTS EARLY - Orlon yarn, over 40 colors, \$2.50/lb, \$1.25/3/4 lb, will deliver to Lab or may be picked up at my home. Ann, Ext. 3163, 732-9384 after 6.

SEC DESK - \$100; mirror, mag rope & carved trim on pedestal w/marble top, 8'h, \$200. 475-1453.

20" GIRL'S BICYCLE - Schwinn. \$25. 286-8062.

CARPETING - Blue shag, 50 sq yds, incl pad. Mike, Ext. 2446, 286-2032.

FIREPLACE ACCESS - Poker, tongs, shovel, solid brass, antique English. \$35. Ext. 4118, 928-5714.

BOX SPRING & MATT - Foam rubber, excel cond, \$35; antique white vanity, Eng. Chippendale, \$20. Ext. 4118, 928-5714.

GIRL'S 20" BIKE - Schwinn, some rust but otherwise good cond. \$20. Norm, Ext. 4896/4064.

STOVE - Tappan elec, oven & broiler don't work, top units OK, good for parts? Free if you haul it away. 744-3744.

PERSIAN CARPET - 8x10 Hamadan, brick-red ground, excel cond. \$300. 744-3744.

1968 CONCORD TRAILER - 22', sleeps 6, many extras incl awning, hitch, etc. \$2550. 475-0037.

TRAYNOR BASS AMP - \$50; Leslie portable speaker, \$65. HR3-2523 after 6.

2 CRIBS - \$8 & \$12; beam type baby scale, \$5. Kurt, Ext. 3170.

LANTERN - Thermos brand, operates on leaded gasoline. \$7.50. Bill, Ext. 4774.

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

BELLPORT VILLAGE - 4 bedrm split, att garage, 1/2 bsmt, 1 1/2 baths, near schools, must see landscaped back yard. \$30,000. 286-9146.

For Rent

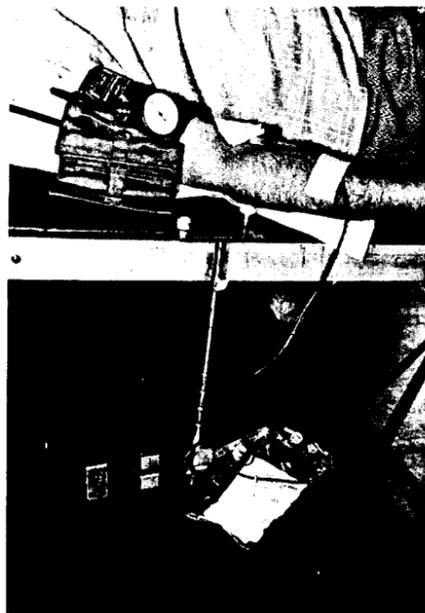
2 BEDRM CONDOMINIUM - 1 1/2 baths, w/w, all appliances, central air cond, 5 min from Lab. \$300. Ext. 3541, 924-4070 after 5.

Blood Program Pictures



On June 28 and 29, more than 600 BNL employees and family members turned out to give a pint of blood to the Lab's Blood Program. The two-day program at Brookhaven is timed each year to relieve the annual shortage caused by holiday accidents. BNL's membership in the Blood Program means an unlimited supply of blood for all employees in time of need, without charge.

Some Of Those Who Gave!



Wanted

- WARDROBE - Dk red mahog, elegant, circa 1930. Ext. 4882.
- OLD ELEC TRAINS - Made out of metal before 1945; also modern "O" gauge psgr sets made after 1945. HR3-3077.
- SM "JOHNNY LIGHTNING" CARS - To fit on LM 500 race track. Jacobs, 286-2287.
- UTIL TRAILER - & 14 cu ft wheelbarrow, reasonable. Phil C., Ext. 2334, 732-8969 after 5.
- SOMEONE TO TAKE AWAY - Free, a 30' wire fence suitable for dog run or children's play yard. Ext. 3655, 281-2002.
- PERSON - To board good-natured & affectionate dog for the month of August, good pay. Ext. 4704.
- COLONY OF HONEY BEES - Ext. 3357.
- DRESSER - For guest rm, sm w/mirror, reasonable. Ext. 3316.
- 2 MAG WHEELS - W/wo tires, 14", 8"w, for Chevy. Al, Ext. 3688.

Services

PIANO LESSONS - Also theory, harmony & music history (private or group lessons). 924-3303.

- EXPERT TREE WORK - Pruning, topping, removal; light hauling & any handy work. Gary, 744-1548.
- BABYSITTING - Odd jobs, high school boy likes kids; I'll take kids to beach when you want quiet afternoon. John, 289-6750.
- TREE REMOVAL - Will do tree removal & chain saw service, light hauling, etc. Bob, 732-9517.
- YARD SALE - 7/14, all asstd items, No Country into Roanoke into Floyd Bennett Dr, Sound Beach. Ext. 3462.
- HATHA YOGA FOR WOMEN - Relaxation, breath & body control through Yoga postures, sm classes, day or eve. HR2-1397.
- EXT & INT PAINTING - Done by 2 college students, experienced, references, free estimates. 941-4328, 941-4616.
- 3-HOUR CLASSROOM COURSE - Priv & group driving lessons, professional instruction. R. Hyland, 878-0079.
- SHEETROCKING - Reasonable, free estimates. 286-3476 after 6.
- GROUPS OF COUPLES TO 6 - Eve or weekend cruises out of E. Hampton, dinner res avail; charter fishing out of Gardners Bay. John, Ext. 4666, 324-0220.

Classified Ad Policy

Deadline is 12 noon Monday for publication Friday of the same 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.

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|--|---------------------------------------|
| <input type="checkbox"/> For Sale: Auto & Auto Supplies | <input type="checkbox"/> Wanted |
| <input type="checkbox"/> For Sale: Boats & Marine Supplies | <input type="checkbox"/> Carpools |
| <input type="checkbox"/> For Sale: Miscellaneous | <input type="checkbox"/> Lost & Found |
| | <input type="checkbox"/> Services |

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 111, 40 Brookhaven Avenue.

Employee's Signature..... Life No..... Ext.....
 Send to: Brookhaven Bulletin, 40 Brookhaven Avenue (Ext. 2345).
 (Name & Phone No. To Call)