

# BULLETIN BOARD

Volume 21, Number 28

Published by the BNL Public Relations Office

July 20, 1967

## Filter Beds at Sewerage Plant KO'd by Plastic

A thin, white, plastic-like substance has coated the surface of two of the sand filter beds at the BNL Sewerage Treatment Plant. The film, which must be removed by hand from the surface of the beds, was dumped into the sanitary system from some place in the Lab, at a point not yet discovered.



Samples of the plastic-like substance in the sand filter beds have been turned over to the Nuclear Engineering Department for analysis, in the hope that the source can be traced down.

According to Ed Hunter, Site Maintenance Supt., any chemicals other than sanitary wastes may upset the workings of the treatment plant. The new plant, which was put into operation two months ago, uses natural bacteria to digest solid wastes and reduce them to a liquid form. After digesting, the liquid is pumped to holding tanks, and then released to the sand filter beds.

After filtering down through the sand underground pipes, the liquid is pumped to a chlorinating tank where it is treated to drinking water standards, and released into the headwaters of the Peconic River. Water from storm sewers on site does not enter this sanitary system, but is handled separately by means of surface and underground drains that lead it to the south-east corner of the Lab site where it is absorbed into the swamp land that borders this area.

(continued on Page 2)

## Katsoyannis' Work Finds Verification

Three biochemists have upheld the American claim to priority in synthesizing biologically-active insulin. Dr. P.G. Katsoyannis of Brookhaven has carried out the studies and the resulting synthesis has been acclaimed the first of its kind. Contentions that his work was invalid, (and therefore the priority claim), because of failure to report his studies have been made by Chinese biochemists who are claiming to have been the first to synthesize insulin.

However, I.L. Schwartz, dean of the Mt. Sinai Graduate School of Biological Sciences, New York; Nobel Laureate Vincent du Vigniaud, chairman of the biochemistry department at Cornell University Medical College; and Dr. V.P. Bond, associate director of Brookhaven, have unanimously acclaimed the validity of Dr. Katsoyannis' studies and the results of his studies. Dr. Bond said all the supporting data proving Dr. Katsoyannis' biological assays on synthetic insulins and the high degree of biological activity of the synthetic insulin was published in the proceedings of the National Academy of Sciences in 1966. This obviously proves the American claim and invalidates the Chinese claim to priority.

## Lab Acquires FAA Tower for I & HP

The 280 foot high radar relay tower, and a concrete block building at its base have been acquired by Brookhaven Lab from the Federal Aviation Authority. The tower, which is located in a fenced enclosure in the north firebreak east of Upton Rd. has been assigned to the Instrumentation and Health Physics Department for use by the Meteorology Group.

BNL is responsible for maintaining the obstruction lights on the top of the tower which serve as aircraft warning lights.

## Shimamoto on AEC Advisory Committee

Yoshio Shimamoto, Chairman of the Applied Mathematics Department has been named a member of the Mathematics and Computer Sciences Research Advisory Committee of the AEC.

## Wiswall Named Fellow of American Nuclear Society

Richard H. Wiswall, Jr. of the Nuclear Engineering Department was named Fellow of the American Nuclear Society at the 13th Annual Meeting of the Society in San Diego, California. This high token of professional esteem and recognition is reserved for acknowledged attainment in the nuclear field by notable original research or invention; or by technical leadership of substantial scope.

Wiswall, a chemist, has been at the Lab since March, 1949. He is now Assistant Head for Chemistry of the Chemistry and Chemical Engineering Division of the Nuclear Engineering Department. His citation reads, "for his outstanding research on solid-gas reactions and contributions to the gaseous diffusion process, for his theoretical and experimental work on reactions between liquid metals and fused salts and for his contributions to high-temperature electrochemistry."



Wiswall joined the army during World War II, and was assigned to the Manhattan Project where he did research on the separation of uranium isotopes. After his discharge from the army in 1946, he worked at Oak Ridge for Union Carbide before coming to BNL.

Dr. Wiswall and his wife, Ann, live on Beaver Dam Road in Brookhaven with their five children.

## Industry Invited To Join LMFBR Research at BNL

In anticipation of the day when the Liquid Metal Fast Breeder Reactor (LMFBR) will be economically feasible and competitively attractive as a source of electrical energy, a program of direct participation by the reactor industry in the AEC's research effort at BNL is currently being initiated. The LMFBR will produce heat for generating electricity and at the same time produce more nuclear fuel than it consumes.

The major existing facilities necessary in the development of fast reactors are located on U.S. Government sites and operated by National Laboratories. The cost of duplicating these facilities by industry would be prohibitive and inefficient, hence the current program to invite industry to come to the Laboratory.

One of the more important aspects of the fast breeder reactor development program is the establishment of the national Cross Section Evaluation Center at BNL. Over the past year, the AEC has compiled a large amount of nuclear data for use by reactor design groups, and this data is maintained by the CSEC at Brookhaven. The current industrial participation program involves the evaluation of the data which would be required in the LMFBR physics research effort.

In the program, reactor designers and manufacturers are being invited to send one or two qualified personnel to BNL for a period of from six months to two years. While at BNL, the individual would remain an employee of the company from which he would come, but would be subject to the technical direction and administrative control of Brookhaven National Laboratory.

The most immediate requirement is for personnel highly skilled in the evaluation and development of computerized data. Minimum qualifications include a bachelor's degree in mathematics, physics, or nuclear engineering, preferably with courses in reactor physics and experience in the fields of interest.

While the information gained would be made available to industry generally, special provisions with each company would be made to prevent conflicts of interest from both the company's and BNL's points of view. A sharing of expenses would also be part of any arrangement made with the assigned individual's company.

The overall program is under the direction of the AEC's Division of Reactor Development and Technology. At Brookhaven National Laboratory, the program is under the direction of Warren Winsche head of the Nuclear Engineering Department.

## Employment Advisory Committee Organizes at First Meeting

The Equal Opportunity Advisory Committee, headed by Isaac Cole of Physics, met last week and discussed procedures that will be followed at future meetings.

Cole emphasized that the committee will be an active one. He presented a list of objectives to the committee that detailed areas for future action. Departments and divisions will be oriented in the committee's work in hopes of securing wholehearted support for the program.

Among other points in the list Cole submitted are: An inventory of skills and educational levels will be made of existing minority personnel, and efforts will be made to develop the recruiting effort of the Laboratory.

"Let's do something positive," said Cole, "not just look at discrimination, but get into affirmative action." Cole defined "affirmative action" as "going beyond what one normally does in any given situation. To create an environment in which you seek to overcome whatever the difficulties that you encounter at the time. The policy of non-discrimination is not in itself affirmative."

Cole pointed out that the committee is composed of people from all levels of employment at the Lab, and should provide a good cross-section of opinion on any matter that it discusses.

The committee will meet again on Thursday, July 27.



Left to right, seated: Mildred Pavalec, Medical; George Bryant, I & HP; Isaac Cole, chairman, Physics; and Joseph Washburne, Personnel. Standing: Walter Milian, Plant Maintenance; Louis Remsburg, Chemistry; Harold Avent, Physics; and R.C. Anderson, Director's. Photo by Walton

## Lab Residences Now Honor Scientists

The four men's residences and the one women's residence have now been named in honor of scientists who have made outstanding contributions in fields that relate to work at the Lab.

For the women's residence at 15 Upton Rd., Curie House was chosen, in honor of Marie Curie who, with her husband Pierre, and Henry Bequerel was awarded the Nobel Prize for Physics in 1903 for the discovery of radioactivity. She also was awarded the Nobel Prize for Chemistry in 1911 for the discovery of Radium.

The men's residence at 20 Upton Rd. was named Cavendish House for Sir Henry Cavendish, the English chemist and physicist who was a pioneer in the study of gases. He anticipated many of the 19th century discoveries in electricity, and performed experiments to determine the density of the earth.

Compton House, the men's residence at 16 Woods Rd., was named in honor of Arthur H. Compton, the U.S. physicist who after winning the Nobel Prize for Physics in 1927, went on to direct the metallurgical laboratory at the University of Chicago which developed the first self-sustaining atomic chain reaction.

The men's residence at 2 Bell Ave. was named for Sir Alexander Fleming, the British bacteriologist who was the discoverer of penicillin. He was awarded a Nobel Prize in 1945 with Sir Howard Florey and Ernst Chain.

The men's residences at 12 and 14 Upton Road have been named for Enrico Fermi, the Italian-born physicist who contributed so much to the field of nuclear physics. He was the discoverer of artificial radioactivity induced by neutrons. In 1938 he was awarded the Nobel Prize for Physics.

Fermi House is scheduled for a major face-lifting early this fall when it is vacated by the Summer Students who are residing there now.

Research on the names to be chosen for residences was done by Marjorie Comstock of the Research Library who submitted a list of names to Dr. Maurice Goldhaber, Lab director.

## Shelton to Head Electrical Division

Edward E. Shelton, of the Accelerator Department will become Head of the Electrical Division of Plant Engineering and Planning on September 1.

With the title of Plant Electrical Engineer, Shelton will be responsible for planning, engineering, design and construction of primary electrical distribution systems and for setting standards and safety procedures for the operation, maintenance and repair of all electrical distribution systems at the Lab. He will continue as Chief Power Engineer in the Accelerator Department.

## Filter Beds . . . (continued)

Any acids, oils or chemicals that are dumped into the sanitary system can kill the natural bacteria used in the digesting process, and prevent the cleaning cycle from working. Smith Pearsall, I&HP, will arrange for the disposal of hazardous chemicals and acids. Oils are picked up by arrangement with Ed Hunter, and are disposed of by feeding into the boilers of the heating system. Any other materials such as plastics and paints should be held for examination by Hunter before disposal.

The sewerage treatment plant, located at the north-east corner of the site, handles over one million gallons of waste every day.



## Evacuation Drills

Firemen and Lab Police (above) bring equipment into the rear of Compton House on Woods Road as men residents evacuate the front of the building (right above). At the Women's Residence, Curie House, the ladies were more prepared for the drill and moved their card game to the lawn (below right), as firemen checked the alarm system in the building. In spite of the inclement weather, all of the evacuees made record time in leaving the buildings when the alarms sounded. Safety Office personnel were pleased with the result of the first of a series of drills run at the residences at the Lab.

Photos by Humphrey

## Herschel Becomes Lewis As Street Names Change

To an American chemist, working on a street named for an English astronomer is all wrong. Members of the Building Committee of the Chemistry Department decided to do something to remedy the situation, and got approval for a change of name to Lewis Road.



Gilbert Newton Lewis was a bona-fide American physical chemist who was noted for his introduction of the concepts of free energy, fugacity, and activity in chemical thermodynamic calculations. He made fundamental contributions to the concept of valency, suggesting for the first time that bonds between elements could consist of shared pairs of electrons. Lewis was one of the first experimenters to successfully concentrate heavy water by electrolysis.

In another move to more accurately locate buildings, the street which runs in front of the AGS was named for E.O. Lawrence, Nobel Laureate in Physics. AGS was formerly listed as being on Rutherford Drive, the same street that passes the Graphite Reactor, the Hot Lab, and the Nuclear Engineering building.

At the same time, the street that runs north from the Hot Lab and ends at Fifth Avenue, was re-named Thomson Road in honor of Sir Joseph J. Thomson, who won the Nobel Prize for Physics in 1906.



## Service Awards — July 1967

### Twenty-Year

Wright, Arthur B.	Physics
Thomas, Oscar A.	Physics
Kassner, Ralph R.	Accelerator
Roesch, Arnold M.	Physics
Shutt, Ralph P.	Physics
Keating, William	Reactor
Foley, Martin L.	Plant Maint.
McLean, Lowell	Accelerator
Paskiewicz, Adam	Security
Sparrow, Arnold H.	Biology
Suydam, Lisenard	Instr. & H.P.
Thorndike, Alan M.	Physics
Steele, Irene G.	Biology
Walsh, James R.	Chemistry
Gurinsky, David H.	Nuc. Eng.
Silkworth, Frederick	Chemistry

### Ten Year

Anderson, Eleanor C.	Medical
Baker, Leonard A.	Instr. & H.P.
Groobert, Dorothy	Accelerator
Tu, Ping-Shiu	Nuc. Eng.
Vogt, Percival A.	Plant Maint.
Dioguardo, George F.	Suppl. & Mat.

## Arrivals & Departures

### Arrivals

Vivien A. Chen	Biology
William E. Ellis	Physics
David M. Ellman	Syst. & ADP
Alden D. Hincley	Biology
Thomas F. Mayhew	Accelerator
William J. Schneider	Mech. Eng.
Edward H. Serine	Plant Maint.

### Departures

Edward H. Cole, Jr.	Applied Math.
Dolores Lindenfesler	Physics
David R. Marlowe	Biology
Louis M. Slater	Nuc. Eng.

## Ther-Mobile to Show Measuring Devices

The Barnes Engineering Company "Ther-mobile" will visit the Lab on Thursday, July 27. This truck-mounted display will feature all kinds of infra-red instruments ranging from cameras to radiometers.

The equipment in the van will all be set up and operating, and will be demonstrated starting at 8:30 Thursday morning. Engineers will be stationed at the van to answer any technical questions that might arise. The Ther-mobile will be parked across from the bank on Technology St. from 8:30 a.m. to 5:00 p.m.

## Roof Tree Raised . . .



Even though the building is made of concrete and steel, and the ridge of the roof is hard to determine, workers constructing the new Lecture Hall-Cafeteria raised a Roof Tree to signify the finish of the highest point of the building. In colonial times this action was the signal to start a party at which all of the guests nailed shingles on the roof to finish it off.

## Showstoppers '67 In Rehearsal Now

Preparations are being made now in the North Room of the Brookhaven Center for an evening of cabaret entertainment presented by the BERA Theatre Group. The show will run four nights, and admission is free. The first performance will be Thursday, July 27, at 8 p.m.

Repeat performances will be held on Friday, July 28, Thursday, August 3 and Friday, August 4. Tables may be reserved by calling Ext. 2808, but tables will only be held until 8:15 p.m. The show will feature show-stopping numbers from important Broadway shows of the past and present.

## BERA Film Series

Thursday, July 27 - 8 p.m. Lecture Hall  
**Cangaciero**

Directed by Lima Barreto. Cannes Film Festival Award. A completely off-beat story of a lawless band of men dedicated to violence and brutality, this first Brazilian-made film to be released in the U.S. is shockingly realistic (at least in Brazilian terms - the hats worn by these "bad guys" in this South American "western" may just make you laugh out loud). The story is of the pursuit of the band after one of their own members who has deserted and is viewed as a traitor. Brilliant direction and cinematography are combined to make the film a rewarding, though perhaps uncomfortable, experience. —Harvard Lyman

## Tickets Available Personnel Services

Recreation Office - 3 Center Street

**Discount Tickets** - Tickets may be purchased at a 20 percent discount. Schedules and prices are posted in the Recreation Office. All orders must be placed in person and accompanied by a check or money order made payable to the theatre at least two days in advance.

**Bellport Gateway Playhouse** - At the Barn thru July 30 - "Luv", August 1-13 - "The Fantasticks." At the Playhouse thru July 23 - "Brigadoon," July 25-August 6 "Carousel."

**Greenport Summer Playhouse** - July 27-29, August 3-5 "The Knack."

**Mineola Playhouse** - Thru July 30 "By Jupiter," August 1-13 "Room Service."

**Wedgewood Dinner Theatre** - Thru August 6 - Yvonne de Carlo in "The Boyfriend," Thru September 3 - Tab Hunter in "Bye, Bye Birdie."

**Westbury Music Fair** - August 1-13 Diahann Carroll in "Peg," August 15-20 Ann Sothern in "Gypsy."

**Discount Coupons** - Mail in yourself and save 20 percent.

**Jones Beach Marine Theatre** - Thru August 30 Guy Lombardo's "Arabian Nights."

**Discount Tickets** - Take into the theatre yourself and save up to 50 percent.

**Barrymore Theatre** "Black Comedy."

**Plymouth Theatre** "Star-Spangled Girl."

**Yankee Stadium**: July 28, August 1, 2, 14-16, 18-20, 28, 29 September 1-4, 12, 13, 15-17, 25-26, 29, Oct. 1.

**Shea Stadium**: August 23, 25, 27, September 6, 10, 18-20, 22-24.

There is a vacancy for an assistant teacher at Upton Nursery School. The school re-opens in September and will meet in the Recreation Building every Monday, Wednesday and Friday from 9:00 a.m. to 12:00 noon. For information call K. Foley, Ext. 7306. College graduates preferred.

## Around the Base Pads

by Bob Carciello

Second half play has been bustling along in all three leagues. Due to the past holidays and poor weather conditions, the play-off in the Brookhaven league was delayed. These play-off games have been played as part of a double header with the teams involved. The Blue Jays, after dropping the regularly scheduled game to the Batmen, 10-3, bounced back in the second game to eliminate the Batmen from the play-off by a score of 10-6. Barring weather conditions, the birds will have encountered the Old Timers last Tuesday in the final round of the first half play-offs. The Old Timers continued to pace this league in the second half by winning their fourth out of four at the expense of Metallurgy by a score of 16-6. The Six Packs engaged in a real pitcher's duel and defensive game with Medical and came out on top, 3-2.

The Make Ups were idle last week but remained in first place in the National league. The first half winners, Dirty Sox, put together a great team effort to crush the Phoubars, 20-7. The Deadwoods dropped another close one. This time it was to the Bubble Boys who rallied in the late stages of the game, winning, 10-9.

The Mets and Biology kept pace with Laboratory league leaders, Potsareebies by winning their third game against one loss in the second half. Biology rallied with two out in the bottom of the seventh to nip Applied Math, 15-14. The Mets engaged in a double header with the Converts. The first game was a make-up game from the first half which the Mets won, 11-8. The Mets continued their winning ways by out scoring the Converts 14-7 in the night cap. The Potsareebies held on to first place by trimming Charlie Brown's Stars 14-6.

## Hear Ye! Hear Ye!

The challenge of the Bubble Chamber Group (Scanning Section) Owl shift Championship (?) softball team has been met by an inexperienced group from the day side. We realize that daylight could be dangerous, so we offer an alternate, back down graciously! The outcome of the game will not be measured in beer cans, but by runs. Not that we worry about either! You still have a chance, back down and just drink beer, we won't mind, we'll join you. The game (?) will be played on Friday, July 21 at 5:30 p.m. on softball field #2.

## Distaff Softball . . .

The threatening weather last Tuesday evening didn't shake the morale of the ladies. As a matter of fact, it was quite a game. The final score was 12-11, with the losing team coming up with a nice 5 run rally in the bottom of the seventh.

Janet Thornber (Biology) made a spectacular running catch in Center Field; Nancy Lang (Meteorology) played 2nd base very well; and Joyce Cacace (AEC) surprised everyone with that sneaky base hit.

Major Leagues, here we come!!

—Dee Skokna

## Movie Tonight:

### The Servant

Short: House of Cards

## BERA Bowlers Plan For Winter Season

Applications for next winter's bowling leagues are now available at the Recreation Office. All leagues will be handicap, and plans are being made to add a mixed league. Many Special Events and tournaments are also being planned.

Deadlines for participation are as follows:

**Mixed League** - August 4

**Priority for last year's teams** - August 11

**Registration** - August 25

Participation in a mixed league will not conflict with a bowler taking part in another BNL league. The questionnaire results showed a great deal of interest in forming a mixed league, so it is important that those wishing to join express their intentions before August 4.

### Mixed Doubles Tournament

A summer bowling tournament is scheduled at Port Jefferson Bowl for Saturday, August 26. Teams will consist of four bowlers, two men and two women. At least one member of each couple must be a BERA-defined BNL employee.

Applications are available at the Recreation Office, and deadline date for entries is August 18. Registration fee is \$2.50 per person (\$10.00 per team) and must be paid at the time of entry before the August 18 deadline date.

The tournament will consist of three games per bowler, bowled across six lanes. More information will follow next week, so meanwhile get your team together and pick up an application blank at the Recreation Office.

## FUN and FACTS About Bowling . . . . . by Dick Ericson



**THE PROPER BALL:** Selecting one ball to harmonize with the color schemes of your bowling ensembles can be a bit sticky. (If you want to get away from basic black, that is.) To be really safe, the chic bowler will buy one of each.

**THE PROPER BALL:** In selecting the proper ball, the beginning bowler gives first concern to the thumb hole. It should not be too loose, nor too tight. Place the thumb in the thumb hole and rotate the thumb clockwise and counter-clockwise rapidly. There should be little or no friction. Leaving the thumb in the thumb hole, place the hand over the contour of the ball and check the second creases of the two middle fingers. If they extend about 1/4-inch past the inner edge of the hole, this is said to be a well-fitted conventional type ball.

## BERA Film Schedule

Thursday 8:00 p.m. - Lecture Hall

July 27 **Cangaciero** (Brazilian Western)

August 3 **To Love**

Short: An Oscar for Mr. Rossi

August 10 **An Evening of the Erotic and Sensual** (A program of 10 short films on this general theme)

August 17 **Nothing But a Man**

Short: City of James Joyce

August 24 **The Trial**

August 31 **World Without Sun**

Short: Moscow Circus

## It's Dance Time . . .

On Tuesday evening, July 25, from 9 p.m. till midnight, the Recreation Building on York Lane in the Apartment Area will become a dance hall for the night. BERA will supply a band, but the dance partners you will have to supply yourself.

A series of three dances have been arranged for the next three Tuesdays, July 25, August 1, and August 8. Admission charge for each dance will be fifty cents, but a ticket for the series of three will cost only one dollar.

Music will be supplied by Tony Forlano's orchestra. This is the group who did such a fabulous job at the last Valentine Dance. Dress will be informal, and it is not necessary to have an escort.

Beer and soda will be on sale for only fifteen cents a can, and potato chips and pretzels will be supplied free. There is a good supply of ice cubes, so if you would rather, bring your own liquid refreshment.

All employees, guests and summer students are invited, so why don't you make these Tuesdays "your good news days."

## Special Pool . . . Events Scheduled

BERA has planned special pool events for the warm summer days ahead. It is hoped that these Friday events will make the children's free time more enjoyable.

An "Inner Tube Derby" will start the series on July 21 at 3 p.m., followed on July 28 by a Cage Ball Scrimmage. A Diving Jamboree will be held on August 11, and a Water Carnival on August 25 will end the program.

These events are open to the children of all employees, both on- and off-site. All will start at 3:00 p.m. sharp.

## Fish Tales

by John Tagliavia



Losing a large fish gracefully is an art. By the way of example I point to a cold, drizzly afternoon, in the early part of last October. We were wire line trolling on the inshore portion of Shagwong Reef, using small yellow and green bucktails tipped with yellow and white pork rind.

That grand old man of angling, Professor Clive Reed was on the experimental rig and after two hours of hard fishing, hooked a large bass. In spite of the invaluable advice shouted to him by his peers, the fish turned sharply into the swift tide and the light leader parted. Did the professor get upset? Not on your life. He removed his red baseball cap, brushed back his silver hair, turned slowly into the cabin and proceeded to bite large pieces out of the life preservers. Even I caught heck for that one, not to mention "those dopes we've got in Washington."

Codfishing at Cox's Ledge has been fabulous. A party, made up of "Captain Cooch", "The Giant" and Nick Parrinello returned to the dock with close to 400 lbs. of fish, the largest of which was Nick's 35 lb. cod. Nick, according to the captains unique scale, tied with another large fish for the \$102 pool. In view of the circumstances, this could only have been the end of a perfect day for a guy as charitable and easy-going as Nick.

Bill Kiselyak is taking bass and blues on his own version of the "striper-swiper." At dusk and after dark you may see him working the coves at Jessups and Long Beach, where he recently took bass up to 3 lbs. For more details try Pete McLain who runs a boat livery in Sag Harbor.

## Classified Advertisements

### Autos & Auto Supplies

65 CORTINA G.T. Hardtop sports sedan, bucket seats, snowtires, low mileage. \$900. Ext. 2527, 751-0226.

57 CHEVROLET SEDAN - 283 ci, racing cam, 4 bbl carb, new brakes, gauges, 3 speed, asking \$325. 751-8872.

64 COMET - 2 dr, auto trans, r/h, good tires, less than 30,000 mi, 6 cyl. \$1100. Leon, Ext. 316, GR5-8187.

62 BUICK CONV - New tires, very low mileage, very good cond. Ext. 423.

66 CHEVROLET MALIBU - Spts Cp, std shift, 327 cu, w/w, r/h, 13,000 mi. \$1900. 281-7785 after 5 p.m.

MOUNTED RACING SLICKS - Two, 8:50x14, used twice. \$60. B. Edwards at Hospital after 5 p.m.

54 FORD PICKUP - Body good, engine completely rebuilt 2500 mi ago, spare wheels. Ext. 698 or SE2-5218 after 5:30 p.m.

61 RAMBLER - 4 dr; new valve job, battery & brakes. No rust. \$225. Bill, Ext. 2314, 732-5004.

56 PONTIAC - 2 dr, auto, V8, good mech cond, tires & snows, dependable. Mike, Ext. 2389, 584-5325.

53 HENRY JAY BODY - Tires good, no motor. \$10. Jerry, 475-5196, Ext. 2117 after 4 p.m.

61 FORD CUSTOM - 6 cyl, std, needs fender, good running cond, r/h. Diane, Ext. 7778, AN1-2961.

54 PLYMOUTH BELVEDERE - Good transportation. \$50. AT6-9584.

66 YAMAHA - 250cc Catalina, 5300 mi, excel cond, 2 helmets, cover & other extras. 941-4696 after 6 p.m.

60 OLDSMOBILE - std trans, very good cond, almost new tires & battery, avail end of Aug. Ardon, Ext. 616, 7701.

61 COMET - Excel cond, all new tires, one price, \$475. 878-2399, anytime.

LATE 64 HONDA - 305cc Super Hawk, candy apple red, excel cond. \$475. R. Lambeck, 744-2586.

57 FORD SEDAN - 4 dr, auto trans, runs very well. \$115. Ext. 7289, 281-3008 after 6 p.m.

62 FALCON - 4 dr, 101 hp engine, std shift, r/h, excel cond, best offer over \$450. Ext. 621, GR5-8635.

### Boats & Marine Supplies

23' CHRIS-CRAFT CABIN CRUISER - Sleeps 2, galley, hard top, good engine, 95 hp. \$750. Ext. 7642, SE2-4661.

18' THOMPSON - 1961 40 hp electric start & accessories, ready for the water. 281-7595.

16' PLYWOOD RUNABOUT - 35 hp Evinrude electric start, needs coat of paint, good deal. \$250. 286-8108 after 6 p.m.

1959 LYMAN LAPSTRACK - With 25 horse Evinrude motor. \$225. 286-9606.

19' MORICHES BAY CB SLOOP - Fiberglassed hull, 3 1/2 hp outboard. \$360. Cockrill, Ext. 7676, 286-3649, 286-9602.

O-DAY SAILOR - 17', w/dacron sails, 3 hp Johnson outboard, cushions, etc. \$1500. Ext. 395, LT9-3608.

### Miscellaneous

LAWN MOWER - Old fashioned hand push, reel, w/adjustments, good for daddy's little helper. \$2. Petruk, Ext. 2142.

RATCHET THREADER - For 1", 1 1/4", 1 1/2" & 2" pipe. G. Kiriokos, Ext. 2965.

POLAROID COLOR-PACK CAMERA - New (unused). \$35. L. Blum, Ext. 7782.

SEARS POWER MOWER - Self-propelled 3 hp, used 2 seasons, w/grass-catcher. New \$85, asking \$45. AT9-1339 after 6 p.m.

SARATOGA ARTS FESTIVAL - 2 tickets for Aug. 13, Philadelphia Symph Orch preferred seating. \$5 each, will sell for \$4. Brunhart, Ext. 541.

HOT POINT FREEZER - 13 cu ft, 8 mo old. \$100. LT9-5684.

SEVEN ALUMINUM SCREENS - Brand new, 48"x16 1/2". \$2. each. Lawn mower, 16" cut. \$2. H. Ogle, Ext. 2845.

DISSTON POWER MOWER - Professional type, self powered, 6 hp Briggs & Stratton, recently overhauled, works well. Asking \$35. AT9-1339 after 6 p.m.

AMPLIFIERS - Dynakit Mk II, 50 watts each. 1 for \$40, or 2 for \$75. Ken, Ext. 7733.

TAPPAN WALL OVEN - Electric, coppertone. Kitchen cabinets with formica top; also broom closet and double sink, 12 long. PA7-3830.

TWO SEARS CHILDREN'S AUTO SEAT BELTS - Recommended by V.V., hardly used. \$26 new, sell for \$15. S. James, Ext. 2803, 7795.

TRUMPET - Getzen, purchased Spring 1967, used only 2 or 3 times, absolutely in brand new cond. \$90, firm. Bill, Ext. 2393, 724-3035.

BRIDLE - Complete with Never Rust bits, cavesson set & reins, fine grade butt stock leather, excel cond. \$15. Lomonosoff, Ext. 2488.

SADDLE - All purpose, English made, average size, will fit most horses, excel cond, includes felt pad, girth, & stirrups. \$90. Lomonosoff, Ext. 2488.

CAMPER - Fits 1/2 or 3/4 ton pickup, homemade, sleeps 2, needs a little work. GR5-4199.

EICO OSCILLOSCOPE - 5" model #400, yours for \$15. Ext. 601.

TWO ALUMINUM STORM & SCREEN COMBINATION WINDOWS - Anodized, 32"x39". Ext. 2515.

\$50 CASH - For someone to sell mobile home; 1965 Marlette, 12'x50', completely furnished, 2 bedrms. \$4100. P. Sparrow, Ext. 2478, PA7-0209.

LAWN SWEEPER - Good cond. \$12. Hank, Ext. 481.

WESTINGHOUSE REFRIGERATOR - 12 cu ft. \$10. AT6-9584.

HOOVER VACUUM CLEANER - "Constellation" tank, all attachments. \$25. 286-2280.

HEATHKIT - Model IGW-102, RF signal generator. New \$35. G. Buhl, 744-2506.

FUR - Rabbit ski jacket, with hood, "Aspen" make. \$50. Carol, Ext. 2219.

MOTORCYCLE HELMET - Made by Bell with bubble shield, never worn, sacrifice, \$35. R. Lambeck, 744-2586.

AKC COLLIE PUPS - Champion bloodlines, tris and sables, health guaranteed, from \$50. 924-8681.

STEWART ELECTRIC KILN - 11 inch square firing chamber, 110 volts, some accessories, \$50; also 3 molds, \$3 each. 281-9559.

20" BOTTLED GAS STOVE - Nearly new, make "Brown Festival," excel cond. 281-9559.

COMBINED SWEEP GENERATOR - With 300-volt regulated power supply externally avail. Generator has post-injection. \$45. J. Hallock, Ext. 2480.

VACUUM-TUBE VOLTMETERS - Current Heath IM-13; Heath IM-21 AC. \$30 each. J. Hallock, Ext. 2480.

3/4 ACRE - Shoreham, wooded, city water, deeded beach rights, walk to water. Dan, Ext. 572, YA4-6163.

WHEEL HORSE TRACTOR - 6 hp, w/mower elec start, 3 speeds forward plus reverse, 6 mo old, just like new. Cost \$750, going for \$499. Ext. 7166.

TRAILER HITCH - For 62 Chevrolet, frame type. \$4. Brownie, Ext. 2380.

PIANO - Sterling Spinnet, 4 yrs old, excel cond. AT6-0795.

21" REEL MOWER - Jacobson Lawn Queen, \$185 new. 2 yrs old, hardly used, now \$85. Ext. 395, LT9-3608.

ELECTRIC PAINT SPRAYER - Other uses also, brand new bargain. \$3. Howard, Ext. 2845.

GE CAPACITOR MOTOR - 110 volts AC, 1725 rpm, 1/2 hp, excel cond. \$5. 727-3608.

### Houses

NORTH BELLPORT - Ranch, 3 bedrms, tiled bath, oil hot water, fireplace, huge liv rm, lg kitchen, full basement. \$13,500. 286-9639 after 5:30.

MASTIC BEACH - Ranch, 3 bedrms, 2 baths, lg master bedrm, 1/2 acre beautifully landscaped, built-in swimming pool, full cellar, garage, conv. to schools. Sacrifice. 281-7245

WADING RIVER - 2 bedrm ranch, w/w carpeting, baseboard h/w heat, double garage, landscaped, 130'x150', dogwoods surrounding area. 929-4714.

NORTH PATCHOGUE - Custom ranch, 3 bedrms, 1 1/2 baths, fireplace, paneled living & dining rms, many extras. \$16,000. 475-4627.

FARMINGVILLE - Spacious custom cape cod, 4 bedrms, 2 baths, 120'x120', dead end st, near school. \$18,500. Ext. 2287, AT9-0807 after 5 p.m.

BROOKHAVEN VILLAGE - Waterfront colonial, bulk-headed lot, 1/2 acre, 8 rms, 1 1/2 baths, dbl garage, fenced play area. AT6-0322.

CENTER MORICHES - 4 bedrm split level, 1 1/2 baths, 1 car garage, extra lg patio, 75'x150' lot, fully landscaped, L shaped cellar. \$18,000. J. Kruk, Jr. EA5-0604.

CENTER MORICHES - 3 bedrm, full basement, hot water heat, enclosed breezeway, aluminum screens & storms, convenient to shopping & schools. 878-0642 evenings.

PORT JEFFERSON VILLAGE - New non-development colonial, lowest tax area, fireplace, 1 1/2 baths, den, garage, wooded, oil. \$22,990. HR3-0178 evenings.

OAKDALE - Attractive cape ranch, 5 bedrms, 2 1/2 baths, fireplace, redwood panelling, over 1/2 acre, 2 car garage. Ext. 7685, LT9-5741.

### For Rent

AERATING MACHINE - By the hour or day. Bob, GR5-5542.

SPACIOUS NEW HOME - Ridge, 3 bedrm, 2 baths, full cellar, 1.5 mi from north gate, children wanted. \$150. V. Reinhold, Ext. 2351.

4 BEDROOM HOUSE - Bayport, 2 baths, lg liv rm, screened porch, near bay. \$250. Ext. 414.

SECLUDED COTTAGE - Manorville, garage, 8 min from Lab, suitable for 1 or 2 people. 878-2399 anytime.

TENT FOR RENT - Reasonable rates, enjoy fresh air living. 273-6436.

3 BEDRM HOUSE - Very nice area of Patchogue, off Roe Blvd, near schools & shopping, dishwasher, refrigerator, garage, lg garden. \$155. 475-8010.

2 BEDRM HOUSE - Bayport, 1 1/2 baths, washer, dryer, garage, full basement, furnished. \$140/mo. Hambley, EM3-6307.

HOUSE IN PATCHOGUE - Furnished, 3 bedrm, 2 baths, screened porch, garage. \$175/mo. Ext. 620, GR5-8635.

**Wanted**

POSITION - Young mature senior girl wants a job for the summer. Sharon, AT6-8524.

PORTABLE TYPEWRITER - Good cond. \$25-\$30. Bill, Ext. 2229.

LOT - Approx 80'x150', vicinity of Patchogue. Ext. 2816, GR5-7372.

4 ROOM APT - Or small house for couple, reasonable rent, occupancy Sept. 1. Ext. 2816, 289-3114.

BABY-SEAT - For Lady's Bicycle. GR5-1510.

CONSUMER REPORT - 1967 annual issue. Ext. 7644.

WALKER JUMPER SET - In good cond. Moragues, Ext. 512.

STUDIO APARTMENT - Oakdale-Bellport vicinity, avail before Aug. 15, must be furnished. Ext. 574.

DISHWASHING MACHINE - J. Sanchez, Ext. 2955, YA4-8684.

BOARD YOUR PETS - Home conditions, 3 acre yard, reservations. Ext. 2815.

POOL FILTER - W. Lundgren, 588-1566.

FUEL INJECTION - For late model 283 or 327 Chevy engine. Christianson, Ext. 2376.

DEHUMIDIFIER - Good cond, 120 volt. J. Brennan, Ext. 2814.

CAR - About \$100. Rigbi, Ext. 2403, 2324.

POSITION - Mature woman will take care of children in her home. 286-8845.

ADOPTIVE HOME - For adorable 1 yr old spayed, well disciplined toast & white colored cat. Marcia, Ext. 2743.

YOUNG SWEDISH WOMAN - Desires to improve English through conversation & study with individual or group that wants to learn Swedish. P. Davis, Ext. 7147.

### Carpools

DRIVER WANTED - For existing carpool from East Patchogue area. Bob Rosser, Ext. 7782.

TO FORM OR JOIN - Carpool from Mineola area. B. Abramo, PI6-6183.

TO FORM OR JOIN - Carpool from Cutchogue area. B. Selsler, 734-5167.

DRIVERS WANTED - N. Patchogue-Waverly Ave area, 8:30-5:00. We go north to L.I. Ave, south to Sunrise. Becker, Ext. 383.

RIDER/DRIVER - Desired to fill carpool from Patchogue, Ext. 2287, AT9-0807 after 5 p.m.

TO RIDE OR JOIN - Carpool from Smithtown, leave name & phone. M. Month, Ext. 2977.

PAYING RIDER - Male, Bellport-East Patchogue area. AT6-8242 after 5:30 p.m.

### Classified Ad Policy:

- The Bulletin Board'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.
- Persons listing houses, apartments, or rooms for sale or rent, do so with the understanding that these must be available without regard to race, creed, color, or national origin.
- Ads associated with a full- or part-time business cannot be accepted.
- Ads should be restricted to 20 words or less and typed or

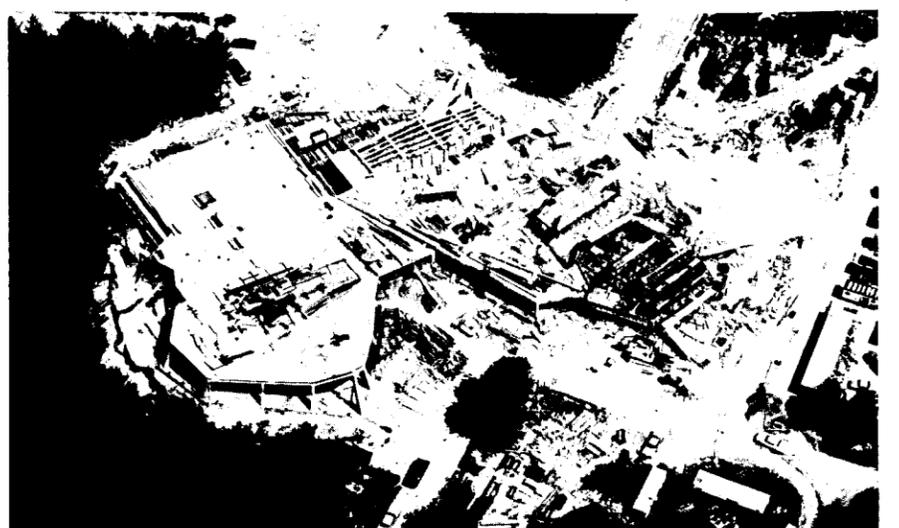
- printed on the form provided. (Additional copies of the form are available at the Bulletin Board office.) Twelve noon on Friday is the deadline for inclusion in the following week's issue.
- Ads are run on a space-available basis; those not carried because of space restrictions will be held for inclusion in the next issue.
  - Ads are run only once and must be resubmitted if they are to be repeated.

- |                                                            |                                           |                                                                            |
|------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------|
| <input type="checkbox"/> For Sale: Auto & Auto Supplies    | <input type="checkbox"/> For Sale: Houses | <input type="checkbox"/> Carpools                                          |
| <input type="checkbox"/> For Sale: Boats & Marine Supplies | <input type="checkbox"/> For Rent         | Check <input checked="" type="checkbox"/> the heading applying to your ad. |
| <input type="checkbox"/> For Sale: Miscellaneous           | <input type="checkbox"/> Wanted           | Print or type your ad in 20 words or less.                                 |

(Name & Phone No. To Call)

If this ad concerns housing for sale or rent, such housing is available without regard to race, creed, color, or national origin.

Employee's Signature ..... Life No. .... Ext. ....  
Send to: BULLETIN BOARD, 40 Brookhaven Avenue



This recent aerial view shows the new Lecture Hall-Cafeteria which is scheduled for completion late in 1967. The 2.3 million dollar building will contain a 450-seat lecture hall, and a 750-seat cafeteria. The present cafeteria has seating accommodations for only 450. Photo by Walton

6-223-67