

# BULLETIN BOARD

Volume 22, Number 3

Published by the BNL Public Relations Office

January 18, 1968

## A New Tower of Babel

The following article was abstracted from an invited lecture presented to the 17th Annual Meeting of the American Institute of Biological Sciences, University of Maryland, by T. Keith Glennan, President of Associated Universities, Inc.

One of our favorite myths about man's frustration when he attempts a complex and costly project in almost any field of human endeavor is the calamity we call the Tower of Babel. You will recall, I am sure, the story that goes somewhat like this.

Early in our beginnings, when all men wandered together over the earth, our forebears made a site visit to the Plain of Sinar. There they envisioned the building of a unique facility which would get them to heaven. With great enthusiasm all hands turned to and construction of the Tower began. But somewhere along the line, as the facility developed, the gods became alarmed at the audacity of the project and its staff. Swooping angrily down they destroyed man's single-mindedness by confounding his speech so that no worker could understand his neighbor - thus substituting aimless cacophony for purposeful action. The legend has it that from this time on mankind has wandered steadily afield, suspicious and insulated from one another by the inability to communicate.

Great myths are rooted in human nature. One sagely nods one's head at their lesson, yet the same problems seem to recur. One applauds the drive toward unity in culture and society, while at the same time one indulges with enthusiasm in the splintering and fractionation which many consider fundamental to progress. We have even invented a word to dignify the process, we call it pluralism.

The paradox of pluralism seems inbred in our life today. Science, in particular, exhibits the phenomena. Factional advocacy within the scientific community often produces indecisive approaches to major issues - followed by an agonizing series of reappraisals. Before reaching consensus, such lengthy and usually acrimonious debates bewilder and confuse the body politic which must provide the support for the desired activity.

None of us, of course, would want to substitute for pluralism, with all its problems, some all-powerful decision-making system which would assign priorities and figures of merit to science. We have seen this tried in other lands and the effect on individual initiative and creativity has been impressively depressing. But the need for wider vision and a corresponding improvement in statesmanship among our scientists is an objective clearly to be sought after.

### To Whom is Science Responsible?

I would like to consider a fundamental change that has beset science. Fifty years ago people who did science could perhaps afford to isolate themselves in tight and exclusive clubs (though it is interesting to note that much of the great work grew out of contact with the larger scientific body). Today such isolation is not only intellectually limiting but downright dangerous to the ongoing health of scientific inquiry. The real patron of science today is not a

(continued on page 3)

## Cross Section Working Group Meeting



Dr. Sol Pearlstein, (seated) Chairman, Cross Section Evaluation Working Group Meeting, goes over agenda with Philip Hemming of the AEC (standing left) and Dr. Henry Honeck, Savannah River Laboratory. Dr. Honeck was the originator of the Nuclear Data File, and a former staff member of BNL.

Photo by Humphrey

## Working Group Meets To Evaluate Nuclear Data

On Tuesday, January 16, the fourth semi-annual meeting of the Cross Section Evaluation Working Group was convened at Brookhaven National Laboratory. Dr. Sol Pearlstein, Chairman of the group, opened the two-day meeting with a progress report to the members.

Informal reports on code development, data testing, data re-evaluation, format problems, procedures, and discussion of immediate objectives were scheduled before subcommittees met. The agenda was

completed on Wednesday afternoon with final reports and a discussion of long range objectives.

The purpose of this group is to assemble and update the library of nuclear data that is useful in reactor and shielding calculation. The results of the studies will be used with information gathered by the international group, the European Nuclear Energy Center, which represents 13 countries.

The Cross Section Evaluation Working Group is a part of the National Neutron Cross Section Center, of which Dr. Pearlstein is Chairman. Fifty scientists attending the meeting represented twenty Laboratories from the continental United States.

## Lab Backs Into Praise For Low Accident Rate

Brookhaven is receiving congratulations upon the decrease in the number of accidents involving Government motor vehicles in 1967. Although the number of automobile accidents in the Nation, in New York State, and in Suffolk County rose in 1967, the Lab's vehicles were involved in fewer accidents in 1967 than in 1966.

In spite of the fact that the number of accidents was reduced last year, more than half were "backing" accidents, that were caused by the carelessness of the driver of

the government vehicle. There were 20 accidents in 1966 which caused a total of \$3553 in damages. In 1967 there were only 17 accidents (including 10 of the "backing" type) costing a total of \$2735. Most important, however, is the fact that there were no personal injuries due to motor vehicles involved in the 17 accidents for 1967.

Drivers of all vehicles, Government and private, are urged to drive with care in 1968, in order to further reduce the number of accidents for the coming year.

## Cold - But No Record Says Meteorology of Recent Chilly Days

According to Constance Nagle of the BNL Meteorology Group, the weather is not cold enough to establish any records. Since the 5th of January, there were seven consecutive days of below freezing weather, not even close to the 22 days recorded in 1961. In that year, the temperature dropped to a record 23 degrees below zero on January 22, the lowest since the Meteorology Group has been keeping records.

This year on the past Saturday, the temperature dropped to 8 degrees below zero, before climbing to 33 degrees during the day. On the 9th it was 1.5 below and on the 12th it was 3.5 below zero.

So far this season, just about the same amount of snow has fallen as last year. If the pattern of snowfall is repeated this year, there will be a small amount in January, and heavy snows in February and March. Sunday, January 14th was a lot warmer than it felt, with a temperature that ranged from a low of 25 degrees to a high of 46 degrees.

Last Thursday, January 11th, Long Island Lighting Company reported generator trouble, and asked BNL and other industrial users of electricity to conserve power as much as possible to avoid a shutdown of service.

The feeling of intense cold is not all imagination. On a day with no wind the weather can be bearable even though the temperature is near zero. The recent cold spell has been accompanied by high winds most of the time and this "wind chill" has given the effect of seeming to reduce temperatures by many degrees. Wind chill is computed by an empirical formula of a combination of wind velocity and temperature.

If the weather seems to be bad so far, wait a bit, the worst is yet to come!

## Med Emergency Phone Not for Headaches

Even though a splitting headache occurring on a Monday morning may seem like a medical emergency to the average person, the staff of the Industrial Medicine Clinic at BNL would prefer to treat it in a quiet, routine manner. Similarly, a request for a change of appointment for an annual physical examination can be handled over the regular extension to the clinic rather than on the Medical Emergency Extension listed on the cover to the BNL phonebook.

All calls received on the emergency number initiate a procedure that involves quite a few people. The call is rung on five phones, one in each ward, and one in the clinic. All medical personnel in the vicinity of the phones are alerted at the first ring, and the ambulance driver starts to go to his vehicle to await further instructions. In an emergency, the seconds saved by this procedure can mean the difference between life and death for someone in trouble.

If, however, there is no emergency situation, the phone would be tied up, and a real emergency could not be immediately reported. The usual practise at the clinic when a routine call is received over the emergency line is to request that the caller hang up immediately and place his or her call on Extension 7436.

Dr. Robert A. Love, in charge of the Industrial Medicine Clinic, asks that the emergency number be used only when a real emergency situation exists. For first aid for minor cuts and bruises during normal working hours Extension 7436 should be used. At night and during weekends, such calls should be made on Extension 7441.

## Ten-Year Pins Presented At AGS 12-509-67



Ten year pins were awarded to the following members of the Accelerator Department by Dr. G.K. Green, Chairman. The ceremonies were followed by a short celebration at AGS. Seated left to right: G.W. Starke, Technical Specialist; E.D. Elliott, Technician; R.T. Ludwig, Technician; R.L. Monaghan, Technical Specialist; F. Thornhill, Technical Specialist. Standing: F.P. Foster, Technician; J. Weisenbloom, Technical Specialist; G. Kuzmack, Technician; B. DeVito, Mechanical Engineer, C. J. Thiessen, Technician; and H. Thorwarth, Design Engineer. Dorothy Groobert, Executive Secretary and Arie vanSteenbergen, Physicist, were not present.

## Marine Bio Lab Plans Summer Botany Course

Three Brookhaven biologists will take part in a new course, Experimental Botany, to be given next summer at the Marine Biological Laboratory, Woods Hole, Massachusetts. William S. Hillman, Plant Physiologist, has been appointed Instructor-in-Charge, and among the four other instructors will be John M. Olson, Biophysicist, and Harold W. Siegelman, Plant Biochemist.

As described in the 1968 Annual Announcement, the course, for graduate students and advanced undergraduates, is intended "to stimulate an informed interest in some of the most recent concepts and techniques in the botanical sciences and at the same time to direct that interest

toward unsolved problems in the biology of marine plants." It succeeds a primarily descriptive course, Marine Botany, which was given until this year. Robert R.L. Guillard of the Woods Hole Oceanographic Institution and Robert T. Wilce of the University of Massachusetts complete the roster of instructors.

The Marine Biological Laboratory, founded in 1888, operates as a summer research and educational institution attracting investigators and students from all over the United States and from foreign countries. Courses generally occupy most of the summer, with the first half devoted primarily to lectures and other formal instruction, and the second to research.



Mrs. Milislav Demerec, wife of the late Dr. Milislav Demerec, unveils a memorial plaque at dedication ceremonies recently for the Milislav Demerec Memorial Science Library at C.W. Post College in Brookville. Dr. Demerec was one of the nation's leading geneticists, and did much of his research work on Long Island. He was director of the Cold Spring Harbor Laboratories of Quantitative Biology and Senior Geneticist at Brookhaven National Laboratory, and also served as research professor of biology at C.W. Post. College president Dr. R. Gordon Hoxie presided at the dedication ceremonies.

## Here and There

Dolores del Castillo

Robert F. Smith (Photo) has been asked to be a Contributing Editor of the journal *Photographic Applications in Science and Technology*. His article "Micro Replication," which explains a method of making transparent plastic reproductions from surfaces of objects difficult to study under a microscope because of size, shape, location or weight, appears in the Winter 1967/68 issue.

Dr. Frank H. Spedding is retiring as director of the Iowa State University's Institute of Atomic Research and the AEC's Ames Laboratory on July 1. He will be succeeded by Dr. Robert S. Hansen, chairman of the University's chemistry department.

J. Miller of the National Broadcasting System visited the Laboratory yesterday to interview staff members of the Medical Department.

K. J. Vogt, Head of the Environmental Monitoring Group at Julich, will be at the Laboratory today and tomorrow discussing environmental pollution problems with the health physics and meteorology groups.

On January 22 a group of scientists, including Oleg Tretiakoff, Jacques Kremser, Jean-Claude Mougnot, Philippe Jean Marie Chaumont, and Pierre Govaerts, from Cadarache/Euratom will hold discussions at the Laboratory on fast reactor criticality tests.

Data Processing Conference will be held at the Laboratory on January 24 and 25.

The week of May 18-26, 1968 has been declared Nuclear Week in New York. It will be a state-wide celebration in honor of nuclear energy. As the only national laboratory in the State, it is expected that BNL will play a major role in the celebration. In connection with this, Norb Dernbach (PR) has been named Chairman of the Youth Awards Committee and is working with other BNL staff members on the initial planning of several special events that will take place during the week.

Dr. Herbert Savel, an associate scientist in the Medical Department at BNL from 1965 until joining the Vermont College of Medicine this year, has been named a teaching and research scholar by the American College of Physicians.

Gene Farinet of the National Broadcasting Company will visit the Laboratory on January 19.

Plans are underway for an international organic solid state chemistry meeting to be held at the Laboratory March 25-28. The meeting will be co-sponsored by State University at Stony Brook. The idea for the meeting was an outgrowth of discussions George Adler (NED) had with staff members of the Weizmann Institute when he visited Israel last year. Mr. Adler is the Chairman of the Planning Committee for the meeting, and is assisted by its members, George Dienes, Richard Arndt, Arthur Damask (all of BNL Physics), Gerhard Schmidt and Mendel Cohen of the Weizmann Institute, William Schlichter of Bell Laboratories, Mortimer Labes of Drexel Institute, Richard Hochstrasser of the University of Pennsylvania, John Sherwood of the University of Strathclyde in Glasgow, and David Fox of State University.

On January 9, a group of 49 cadets from the United States Military Academy at West Point visited the Lab. After an introductory talk by Frank Miles, the group toured the facilities.

## BULLETIN BOARD

Published Weekly for the Employees of Brookhaven National Laboratory

CARL R. THIEN, Editor  
DOLORES DEL CASTILLO, Editorial Assistant  
JUDY KALTSCHMIDT, Copy Preparation  
40 Brookhaven Ave. Upton, N.Y. 11973  
Telephone 516 924-6262 Ext. 7238

NORBERT J. DERNBACH  
Public Relations Officer

## D. Kassner Appointed Ass't Head of ME Div.

Irving J. Polk, Head of the Mechanical Engineering Division, has announced the appointment of David A. Kassner as Assistant Division Head.

Mr. Kassner's major responsibility will be in connection with the administration of the Central Shops. He will continue to be in charge of machine design in the Bubble Chamber Group, and will coordinate the design and fabrication requirements of the Departments with the Shops.



David A. Kassner  
1-428-68

The Mechanical Engineering Division has had the responsibility for the administration of the Central Shops since January 1. David Kassner has worked at the Cosmotron, the AGS and the Bubble Chamber in machine design since coming to the Lab in 1951. He lives in Patchogue with his wife Marjorie and their two children.

## Sale of Motor Vehicles

Twenty-eight (28) motor vehicles, located at Building T-87, in the warehouse area on Railroad Street, will be available for Public Sale.

Inspection will be permitted from January 18 through January 24, except Saturday and Sunday. Bid opening will be held on January 26th, 1968.

The sale will be conducted by General Services Administration. For further details, call Extensions 2509 or 2704.

## Softball Committee

Employees interested in becoming a member of the Softball Committee, are asked to contact Chairman Mike Zguris, Ext. 311.

## Arrivals & Departures

### Arrivals

Charles Ankenbrandt.....Accelerator  
Domenick J. Donato.....Pl. Engrg. & Plan.  
Mary P. Zizza.....Nuclear Engrg.

### Departures

Raymond J. Krogman.....Accelerator  
Mato Orhanovic.....Chemistry

## A New Tower

(continued from page 1)

handful of wealthy nobles or industrialists who have been awarded honorary membership in a particular segment of the establishment, but the great tax-paying public itself.

I think that we all share the feeling that we are fortunate to live in an era when all society is willing to generously support research.

In a very real sense, then, science has today become a public trust. It is for this reason that the splintered clustering of loyalties and the confusion of voices becomes dangerous. Public disenchantment and animosity toward science is an ever-present possibility as scientists restrict their lines of communication between themselves and the outside world. Too many people obsessed with their own research efforts forget that they have a deeper obligation, especially in times of rapid expansion of knowledge, to relate what they are doing to the broader community of science and to the nonscientific world. It would especially encourage patience and tolerance in the public to understand the complexity of the problems we face and the rather small likelihood that money alone can solve them. It is up to science to take the lead in establishing the fact that it can only flourish in an atmosphere of freedom, with understanding and mutual respect between its practitioners and its patrons.

### Free Inquiry vs. "Goals"

Even greater sensitivity to the public "need to know" arises as scientists request major sums of money to create unique research facilities which are normally beyond the scope and capacity of individual universities or private organizations. Proposals for publicly financed national scientific laboratories are being increasingly subjected to requests for a definition of "goals" and stated purposes which can be somehow directly linked to relatively immediate public benefits. This places a subtle but tenacious constraint on the attitude of people who manage such facilities; and, quite often, the attitude influences, for better or worse, the scientists and engineers who man them.

Conflict between free inquiry and "goals" is probably as ancient as our original myth of the Tower. It is certain that as the great facility of Babel rose up the most eager were those who simply regarded it as a quick and convenient way to Heaven. But surely there were others who mused with wonder as each successive level was added and made notes on the new and unusual phenomena the structure made it possible to observe.

The two national laboratories I am now involved with veer strongly toward the academic primarily because the subjects they deal with - high energy particle physics and radio astronomy - are much too open-ended to tether to specific goals or accomplishments. It is true that physics in particular, because of its impressively tangible pay-off in form of atomic energy, has enjoyed the lavish support of the public despite the technical difficulties of popular presentation. It is not clear, however, that the continued and at times bitter publicly reported disputes of the high energy physics community have produced the optimal rate of progress we all think should be sustained.

One conclusion, however, begins to suggest itself. As the claimant fields of specialized science increase in number and the costs of research mount, we all must recognize the possibility that the day of unquestioned faith in the completely un-

fettered aspirations of science may not continue indefinitely.

### Let the Dialogue Begin

In the BBC program "Horizon" on May 22, Nigel Calder, editor of the London weekly *New Scientist*, discussed the apparent reluctance of biologists to speak out on the issues of the day. "I hope it doesn't take a biological Hiroshima to get biologists talking" was one disquieting remark he made.

We are in deep trouble if we are unable to face up to this question of unanimity and rapport among the professionals of biology. Indeed, we hear from all sides that we now stand on the threshold of the age of biology, where the intensifying emphasis of our total scientific and technical effort will be concerned, directly or indirectly, with the needs of man and the excellence of his surrounding ecology. As science and the inevitable resultant technology advance, the possibility of man losing control over his own destiny becomes an overriding and fundamental concern of our time. We need only recall the recent and continuing anguish of the atomic physicists as they contend, tragically late, with this problem. Must the biologists also go through this agonizing experience? Or



T. Keith Glennan 10-66-65

will the dialogue begin in calm certitude, comfortably in advance of the backwash we know is bound to come?

The keynoting theme of this great annual conclave, "Human Population Growth and the Quality of Life," is a reassuring sign of the biologists' desire to cope with all facets of monumental oncoming issues. Once again I am bemused at the terrible paradoxical character of your work when extended into the ultimate area of human wants and needs. What is more fundamental to our biological future than the enigmatic yet inexorable relationship between proliferation and privation? Once again biologists seem torn between seemingly irreconcilable extremes. They marshal talent and energy toward understanding, supporting, and maximizing the survival of the organism and then are faced with the equally important but perhaps less exciting challenge of an alarming deterioration of life and culture through the inevitable overcrowding, pollution, and attrition of resources. I'll say this much: the oncoming problems of ecology certainly put atom smashing and trips to the moon in proper perspective.

So now, let the responsible, thoughtful dialogue continue. I am told that if you learn to speak together in one tongue and thereby plan and mold your Tower of Biology in concert and dedication, the gods will never dare again to strike you down.

## BERA Election Soon

The BERA Executive Board, at its January 9th meeting, appointed a nominating committee which will select a slate of candidates for presentation on the ballot to all employees for the annual election of executive board members in February.

The members of the nominating committee are listed as follows and will meet to select the slate on Monday, January 22nd.

Neal Roberts, Reactor	Ext. 597
Blanche Laskee, Reactor	2340
Paul Kelly, Plant Engr. & Plan.	2382
Monroe Petty, Personnel	2572
Harvey Bumstead, Accelerator	322
Blair Munhofen, Chemistry	609
Charles Rappe, Physics	7636
Robert Brown, I & HP	455
Thomas Nelson, S & M	2908
Peter DelMonte, Shops	477
Edward McGill, Nucl. Engr.	2119
Ernest Bindel, Chemistry	7218
Dolores Skokna, Plant Engr. & Plan.	2146
Richard Strand, Physics	7658

## Basketball

by George Latham

In last Thursday nights action Applied Math with Allen Saltzman hitting for 16, and Steve Lewkowitz for 13, took the Old Timers 50-37. George Leverock had 12 for the Old Timers. Physics came up with a strong game to defeat the Rat Pack 44-35, behind John Caputes 15 point effort. Mike Zguris lead the Rat Pack with 12.

In the Universities League, unbeaten Biology downed the previously unbeaten Highballs 29-38. Nick Combatti scored the winning basket with 16 seconds on the clock, and had a total of 14 points. Dave Menago had 10 points for the Highballs. The Stratums broke into the winners column with a 43-32 victory over Medical. Oscar Thomas had 19 points for the winners, while Darrel Joel lead the Medical Team with 12 points.

The league has made arrangements for refreshments to be available during the games, all the more reason for watching your team in action.

Associated League	Won	Lost
AMD	3	1
Knacks	2	1
Physics	2	1
Rat Pack	1	2
Old Timers	0	3
Universities League		
Biology	4	0
Highballs	2	1
Dirty Socks	1	2
Stratums	1	2
Medical	0	3

## Play Reading Scheduled

There will be an informal reading of Lillian Hellman's "Another Part of the Forest" at the home of Ron and Julie Peierls on Wednesday, January 24 at 8 p.m. This play deals with the same family as is in "Little Foxes." The Peierls live on Bay Road in Brookhaven, 1/2 mile south of Beaver Dam Road. Going towards Bellport, on South Country Road, turn left onto Beaver Dam Road. Go on Beaver Dam Road until Bay Road. Make a right onto Bay Road and go 1/2 mile or six houses; their name is on the mail box.

Roberta Klimaski

## BERA Film Series

Movie Tonight:

Young Aphrodites

Short: The Astronauts

Next Movie February 1.

## BLAST January Rally Features Ice and Rain

Blast's "Janvier 68 Rallye" on Sunday, January 14th saw some stout hearted rallyists. Rain and icy roads brought about a 15% decrease in the overall rally time.

First place went to Stan and Jackie Anderson in a 1968 Volvo 144-s sedan. Bill Kemna and Dave Thomas took second place in a 1968 MGB. Third place went to Rudy and Joan Becht in a 1964 Volkswagen Bug.

Trophies were awarded at the finish point in the Medford Hotel on Route 112. Blast's next rally is set for Sunday, February 18, and the theme will be "Sadie Hawkins Day." As soon as plans are completed, details will be announced in the *Bulletin Board*.

## Adult Education Classes Set For Patchogue H.S.

Have you ever wanted to decorate a cake or paint your face? Do you want to learn how to cover a floor or tease your hair? Psychology, Ornithology, Ceramics, Electronics, Art, Typing and Shorthand are also taught. Courses in these subjects and many others are being offered by the Patchogue Board of Education starting January 29.

A brochure listing all of the courses offered, together with a brief description of each course is available at the Office of Scientific Personnel, 40 Brookhaven Ave. Registration for the Spring Semester will begin on Monday, January 22, and run through Wednesday, January 24 from 7:30 to 9 p.m. at the Patchogue Senior High School on Saxon St.

## 3M Demonstration Planned

The 3M Microfilm Division will be at Building 925 (AGS) on Wednesday, January 24 to demonstrate their micro-film engineering system and equipment.

The demonstration will begin at 10 a.m. and will continue through the day. All are invited to attend this informative presentation.

## Classified Advertisements

### Autos & Auto Supplies

56 CHEVROLET - Very clean, needs paint, rebuilt motor. \$160. GR5-3156 after 6 p.m.

63 TEMPEST CONV - Gold/black top, 3 spd, new clutch. \$550. GR5-3165 after 6 p.m.

60 PEUJOT 403 - Body, tires, battery, chassis all good, motor has broken crankshaft. Make offer. Van, Ext. 2924.

62 MERCURY METOR - Delux, auto trans, ps, radio snow tires on. 286-1218.

63 PONTIAC - A gold beauty, well cared for, excel cond. Ext. 7239.

2 FORD 15" RIMS - Good for snow tires. \$4 per pair, \$2.50 each. Elliott, Ext. 7189.

61 RAMBLER CLASSIC - White, auto trans, r/h. \$175. Nat, Ext. 481, 473-0219 after 6 p.m.

65 BARRACUDA - V8, 4 on floor std, good rubber. Asking \$1,300. Bill, PA7-2764 after 6 p.m.

60 PONTIAC CATALINA CONV - V8, w/pwr steering & auto trans, new top, tires, 2 snow tires, yellow w/black top. \$450. GR5-7454 after 5:30 p.m.

59 CHRYSLER SEDAN - Auto trans, ps/pb, new snow tires, good cond, runs well. \$175. Krish, Ext. 2379, evenings. Ext. 2805.

TIRES & BATTERY - 2 used Pirelli Cinturato w/tube, 1.65x14, \$7 each; 2 used Firestone tubeless, 6.00x15, \$3 each; Autolite 12V battery, 1 1/2 yr old, size 22F, \$3. Ext. 7612, HR3-7951.

66 DODGE - Full power, take over payments or buy outright, will accept older car also. Earl, Ext. 7356.

63 MG 1100 SEDAN - \$425. Mike, Ext. 2598.

VW BUS PARTS - Rims, seats, mats, etc. P. Ettari, Ext. 2407, 273-6436.

66 VOLVO S122 - 4 dr black, many extras, new studded snows, excel cond. \$1850. 475-6828 after 4 p.m.

63 IMPALA STATION WAGON - 9 psgr, ps/pb, r/h, 8 cyl, 41,000 mi, exceptionally clean car. Lou. Ext. 2126.

TIRE - 8-3/4x15, 4 ply tubeless, DeSoto bumper jack. Make offer. Lou, Ext. 2126.

63 KARMANN GHIA 1500 - 55,000 mi, radio, yellow & black, in good cond. A. Watts, Ext. 2846, SH4-5926.

61 LARK SEDAN - Burns oil. Make offer. H. Vanderloef, Ext. 2389.

63 OLDSMOBILE 88 - 4 dr Sedan, ps/pb, 4 new tires. AT9-1086 after 3 p.m.

63 CHEVROLET IMPALA CONV - Good running cond. \$875. 475-2157.

60 TRIUMPH TR-3 - Eng recently overhauled, TR-4 trans. D. Michael, Ext. 7615, 751-8776.

57 VOLVO - Good transportation. \$75. Bob, Ext. 7189, 289-0357.

61 MERCEDES BENZ - 220 Gas, fuel injected, very fine mech & body cond, new clutch, muffler, tires. \$1275. 585-6488.

62 MERCEDES BENZ - 220S, std trans, power brakes, am-fm radio. AT6-3756 after 5 p.m.

HARD-TOP - For Triumph TR-4, white, fiberglass w/cloth lining & wrap around rear window, excel cond. S. Spark, Ext. 2442.

59 CORVETTE - 2 tops, low mileage, 327-300 HP, Hurst 3 spd heavy duty, new exhaust system, brakes, shocks, garage kept. \$1200 firm. W. Kemna, Ext. 464.

60 TR-3 - New top, new paint, new uphol, new brakes, new snow tires, new shocks. \$650. Ext. 464, 732-8202 after 6 p.m.

66 CHEVROLET IMPALA - 9 psgr station wagon, r/h, full under coating, metallic brakes, power steering. \$2000. Ext. 464, 732-8202 after 6 p.m.

55 TOW TRUCK - Has boom. \$525. Ext. 464, 732-8202 after 6 p.m.

GAS PUMP NOZZLES - 3. \$45. Ext. 464, 732-8202. after 6 p.m.

CADILLAC - 56 Sedan, new trans, recent valve job, 4 excel tires, 2 new snows, new seat covers, ps/pb, must be seen. \$225. W. Kemna, Ext. 464.

64 THUNDERBIRD - Auto trans, ps/pb, tilt away wheel, excel cond. \$1800. Bob, Ext. 2167, 585-4973.

49 JEEP - 4 w/d, rebuilt 53 eng, 8 mos old. Jerry, Ext. 2117, after 4 p.m.; 475-5196 days.

64 CORVAIR SPYDER - Turbo-charged, 4 spd shift, r/h, limited slip differential, new snow tires. \$750. Ext. 2989, 473-7657.

2 SNOW TIRES - Used for 1 mo, 5.50/5.90x15. 473-7045.

68 CHEVROLET IMPALA - 9 psgr, station wagon, r/h, seat belts, top luggage rack. \$3000. 281-7765 evenings.

66 CORVETTE - 350 hp, 4 spd, posi, 2 tops, r/h, wide ovals, pb, factory guarantee thru April, perfect. \$3200. 472-0455.

65 CHEVY II - 6 cyl, std trans. \$1000. HR3-1456.

## Boats & Marine Supplies

55 CHRIS CRAFT 30' - Twin 150 Interceptor, fb, ss, df, sleeps 4. \$3500. LT9-5649 after 6 p.m.

18' COMMODORE SEA SKIFF - W/75 HP Evinrude, navy top, mooring cover, winter cover, many extras. \$800. Bill, Ext. 2580.

54 CHRIS CRAFT 20' - Cabin boat, 2 bunks, head & sink, conv to outboard, boat in water. Best offer. John, 878-2863.

58 OUTBOARD EVINRUDE - 5.5 HP. \$55. R. Meyer, Ext. 2934.

PRAM - 6', fiber glass, oars & locks. \$55. R. Meyer, Ext. 2934.

57 FINLANDER 21' SKIFF - W/shelter cabin, 65 HP Universal monel gas tank, full canvass, winter cover, head, many extras. \$1500. Ext. 7166.

## Miscellaneous

24" MAGNAVOX TV - A-1 shape. 751-0923 after 5:30 p.m. or all day Sat.

VANITY - Mirror top, 3-way mirror & skirt. \$7.50. 929-6261.

VALET STAND - Natural wood, new cond. \$5. 929-6261.

SUNBEAM ELECTRIC RAZOR - \$6. 929-6261.

80 WATT AMPLIFIER & FM MULTIPLEX STEREO-PHONIC TUNER - Like new. Original cost \$470, must sell, \$200. John, Ext. 2552, AN5-5621 after 6 p.m.

FRENCH OR ENGLISH LESSONS - Mrs. Jamini, 929-8132.

SILVER CERTIFICATES - Over \$150, mostly singles. Will sell in lots of \$25 face value for \$33, or best offer. Bruce, Ext. 2929.

ANTIQUA BUFFET - Solid Mahogany, 7' long, 120 yrs old, good finish, needs some repair. Make offer over \$75. Van, Ext. 2924.

ICE SKATES - Boy's size 4, \$4; girls size 4, \$3. W. Dunnigan, Ext. 7677.

SCHWINN STING RAY BIKE - Very good cond. \$20. AT6-8346.

ARGUS 822 SUPEREIGHT MOVIE CAMERA - Cartridge loading, elec zoom lens, behind the lens CDS elec eye, elec drive, new, used only 5 rolls film, w/case. \$125 firm. D. Gurinsky, Ext. 349.

CLARINET "B" TYPE - Like new; Banjo "Kay" type, w/case. John, 924-5149.

COMMUNICATIONS RECEIVER - Hallicrafters SX-130, brand new. \$150. G. Hughes, Ext. 2846, 281-4419.

LABRADOR RETRIEVER PUPS - Black, AKC reg. Park7-1528.

YASHICA CAMERA - Mat L.M. Twin Lens Reflex, F3.5, new cond. Ext. 423.

VOLTLANDER CAMERA - W/flash & case, 35mm, hardly used. Make offer. Earl, Ext. 7356.

JR. DINING TABLE - China closet, buffet, \$20; 2 table lamps, \$3; formica table & 4 chairs, \$15. Bob, Ext. 2389, 475-5863.

ELECTRIC SLICING KNIFE - Used very few times. P. Ettari, Ext. 2407. 273-6436.

STEREO TURNTABLE - 3 spd, manual operation. Reasonable. P. Ettari, Ext. 2407, 273-6436.

BABY CARRIAGE - Atlas Coachette, navy w/accessories & mattress, perfect cond. Paid \$85, will sell for \$50. Lou, Ext. 2126.

PISTOL - Ruger Mark I, accuritized wide trigger reworked clip, ammo. \$58. R. Meyer, Ext. 2934.

30-06 REMINGTON MODEL 721 - 2 1/2 to 8 power scope, adjustable trigger, recoil pad, sling, case, ammo. \$125. R. Meyer, Ext. 2934.

DOORS - Inside, 4 sliding, 5 hinged, storm door & screen in frame, windows in frames, single & double. Cheap. Ext. 2144, AT6-3735.

LOUVRES - In frames, (1) 24x28, \$2; (2) 27x32, \$4; Ironing board hinged with recessed door, \$4.50. Ext. 2144, AT6-3735.

GE DRYER - Good cond. \$50. AT9-2123.

2 ENAMELED STEEL CABINETS - W/hinged doors & shelves, 14x24x64. \$10. Ext. 2144, AT6-3735.

MENS HOCKEY SKATES - Size 8 1/2; Coleman 2 burner stove; Coleman light car ice box, excel cond. GR5-4729 at 6 p.m.

68 RCA 18" PORTABLE TV - Deluxe model, brand new, call for story, \$110. R. Majestic, Ext. 7395.

HI-FI COMPONENTS - Bell amplifier, 12 watts, \$20; Harmon-Kardon, FM tuner, \$20, asst speakers. Jungreis, Ext. 7453.

MINI DACHSHUND - AKC registered, 2 male & 1 female, 3 months old. Cole, 234-1281.

ELEC STOVE - GE, 24" model, 10 yrs old, good cond. AT9-0012 after 6 p.m.

BUILDING PLOTS - In Shirley, easy walking distance to stores & RR, only 10 min to Lab. Fischetti, 281-6606.

CASH REGISTER - 7 pos, 4 keys, National. \$325. Ext. 464, 732-8202 after 6 p.m.

JOHN WOOD ELEC HOT WATER HEATER - Glass lined, 52 gal, 40"; Westinghouse elec range; both in good cond, converting to oil & gas; also ham radio tower. M. Hall, Ext. 7629, 878-0817.

ENGLISH PUG - Female, 2 yrs old. W. Chornoma, 325-0567 after 5 p.m.

NEED AN OUTDOOR WATCHDOG? - 1 yr old Collie mix, very good watch dog, all shots. Watson, 929-4413.

TRAINS - Lionel 027, engine & 7 cars, many extras, very good cond. \$25. Ruppert, Ext. 2382.

SKIS - Northland, wood, 6'8" w/excel step-in safety bindings, good cond. \$20. Van, Ext. 2924.

DOUBLE BED - Foam mattress w/box spring, on wheels, wrought iron headboard. Mike, Ext. 7174, Ext. 2420.

SPORTERIZED 30/06 MAUSER ACTION RIFLE - \$125; Sears LP gas heater, 13,000 BTU blower thermostat, \$40; all Mont Ward steel utility TRLR, 4'x6' bed, good tires, \$75. Ext. 2511, 751-0120.

LARGE CORNER CABINET - W/15" Altec-Lansing speaker, EKO Tuner, precise amp. Reasonable. Ext. 7453.

FEEDING TABLE - Good as new. \$12. Hinckley, Ext. 2544.

FEDERAL MODEL 296 ENLARGER - W/case spare bulb, Cantilever, excel for beginner. \$25. Ed, Ext. 7189.

PROFESSIONAL BANJO - Case compl, also compl lessons from Port Washington School of Music, see to appreciate. John, 878-6863.

## Houses

BROOKHAVEN VILLAGE - 3 bedrm, liv rm, din rm, family rm, w/fireplace, garage, 1 1/2 baths, landscaped 1/2 acre. 286-1218.

RIDGE - 3 bedrm ranch, eat-in kitchen, din rm, s/s, full basement. 924-6860.

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

BLUEPOINT - Water front property, high & dry, old house on 141'x118' corner lot, walking distance to stores, beach & churches. P. Ettari, Ext. 2407, 273-6436.

SOUTH SETAUKET - 3 bedrm ranch, ww carpeting, all appliances, air cond, playrm, attached garage, 100'x160'. \$16,900. HR3-2741 after 6 p.m.

SELDEN - 7 rms, 3 bedrms, 1 1/2 story, full cellar, h/w, old but well maintained, must see, 1/2 block off Jericho. \$10,000. 732-9384 after 5 p.m.

SACRIFICE - Building lot in village of Bellport overlooking bay, 125'x130'. AT9-2123.

OAKDALE - 4 bedrm colonial split level, cathedral liv rm, fam rm, garage, on wooded-landscaped plot, w/patio. \$19,500. R. Strand, LT9-1889.

SHIRLEY - 2 bedrm, solid brick, basement, garage, two plots. \$14,000. EM3-6673.

RONKONKOMA - Cape Cod, 4 bedrm, kitchen, din rm, liv rm, den, finished basement, 2 fire places, paneled, double car port. \$19,990. 585-6488.

COLONIAL - 8 rms, 2 baths, 2 car garage, on court, must see to appreciate. \$24,950. 732-8202 after 6 p.m.

BELLPORT VILLAGE - Lovely, lg Colonial home on heavily wooded 3/4 acre, South Howells Pt Rd,

separate garage & cottage/play house. \$37,000. Spinrad, AT6-8644.

PATCHOGUE - 2 bedrm Cape Cod, expansion attic, attached garage, 3/4 acre, fully landscaped & fenced, 1 block from bay, immediate occupancy. \$14,000. 475-4345 after 5 p.m.

BROOKHAVEN VILLAGE - 4 bedrm ranch, liv rm, din rm, porch, 1 1/2 baths, 2 car garage, 1 1/2 acres fully landscaped, 150' frontage. \$31,000. AT6-1358.

## For Rent

BELLPORT VILLAGE - Apt for rent, 2 1/2 rms, bath, furn, util, private entrance, lease. \$105/mo. E.M. Webster, 286-8850.

BELLPORT VILLAGE - Apt for rent, 2 lg rms, bath, garage, util, private entrance, lease. \$125/mo. E.M. Webster, 286-8850.

FURN ROOM - Kitchen privileges, clean house, Mastic, 10 min to Lab. \$65/mo. Ken, Ext. 2442; Al, Ext. 2726.

SHOREHAM VILLAGE - March to Sept, 4 bedrms, 1 acre garden, near beach, tennis, store. Palmer, 744-2836.

3 BEDRM HOUSE - East Islip, on 1 acre at end of quiet dead-end street, 1 yr lease. \$150/mo. R. Ehler, Ext. 7163.

## Wanted

MEN THAT LOVE MUSIC - To join the Society for the Preservation & Encouragement of Barber Shop Quartet Singing in America, "Keep America Singing." Info call Torre, Ext. 423.

LOW IMPEDANCE DYNAMIC MIKE - Will trade pair E-V 951 Crystal Mikes w/stands or test gear. Jim Hallock, Ext. 2480.

DRESSMAKERS ADJUSTABLE MANNEQUIN - HR3-5585.

STUDENTS - For organ lessons (Hammond specialist), beginners preferably, my home or yours. YA4-3236 for details.

PIANO STUDENTS - From Bayport, Patchogue, Blue Point area. Drew, Ext. 7668, EM3-7074.

AUTOMATIC WASHING MACHINE - In good cond. Ext. 509.

SOMEONE - To take away tower used for ham radio. M. Hall, Ext. 7629, 878-0817 after 6 p.m.

MEN'S ICE SKATES - Size 9 1/2-10. Reasonable. J. Brennan, Ext. 2814.

VACUUM CLEANER - J. Sanchez, Ext. 7351, YA4-8684.

BUYER - For 2 bedrm ranch, ww carpeting baseboard h/w, double garage, full basement, 130'x150', dogwoods surrounding area, Wading River. 929-4714.

HOMES - For 4 adorable puppies, 3 females & 1 male. Pearl, 744-3807.

NEED A BABYSITTER? - I will do it during the day or at night occasionally, a mother of a 21 mo old child, own trans, South Shore. GR5-1510.

2 BEDRM UNFURN HOUSE - To rent before April 1, preferably around the Shoreham Village area, married couple, no children. J. Domish, Ext. 648.

USED VW - Running or not, needed by fledgling mechanic. Inexpensive. Lou, Ext. 2126.

GROUP FOR BALLROOM DANCE CLASS - Excel instructor, 8:30-10:30 Wed eves, Cha-Cha, Momba, Lindy, Foxtrot, Rumba, etc., begins 2/28. \$5/couple. Ext. 622.

2 BERDM HOUSE - Small, in vicinity of the Lab, immediately, married couple, one child, not furn. Reasonable. McKee, Ext. 7112, 744-6573.

ROUND TABLE - For use as end table, any cond. Gail, YA4-4865.

GIRL SCOUT UNIFORM - Jr Scout size 12. K. Woodwell, AT6-0798.

WASHING MACHINE - Auto or wringer. Phelan, 475-4661.

GOOD HOME - For 14 mo old German Shepherd, good watchdog, affectionate, no small children. Ext. 7614, Wed & Fri.

## Carpools

4 MAN CARPOOL - Needs 2 drivers to compl from Wantagh area. N. Schumburg, Ext. 2579.

WOULD LIKE TO START - Or join carpool from Westbury or thereabouts. Grace, Ext. 2164.

W. BABYLON OR BABYLON - Want to join or form carpool from this area. Ext. 2389.

EAST ISLIP - Established 3 man carpool looking for 1 or 2 additional drivers. S. Kalish, Ext. 2524.

BAY SHORE - BRIGHTWATERS - ISLIP - 1 driver needed to compl 5 man carpool. R. Vargas, Ext. 2374.

## Classified Ad Policy:

1. The Bulletin Board'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. 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.
4. Ads associated with a full- or part-time business cannot be accepted.
5. 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.

6. Ads are run on a space-available basis; those not carried because of space restrictions will be held for inclusion in the next issue.

7. 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