



# BROOKHAVEN BULLETIN

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Volume 29 - Number 7

February 14, 1975

## Bank Rennumbers Checks

Bankers Trust of Suffolk N.A. is in the process of renumbering all account numbers from seven to ten digit numbers.

Many have already been changed but if you have a seven-digit number, next time you order checks, you will be issued a new number.

Enclosed with your new check order will be an explanation of the new numbering system. During the changeover, any checks written on your old account number will be honored as usual but the Bank advises people to use the new checks and deposits when they arrive.

The Brookhaven Lab branch is number 8 in the Bank's system, so for Lab customers the new account numbers will be preceded by 08. In addition to account numbers, all checks will carry the Bank's clearing and transit number; 02141109.

## Marshall Islands Film

"The Bikinians," a gold medal award winning film highlighting Dr. Robert Conard's annual medical survey of the Marshallese, will be televised over the Public Broadcasting Service. It will be shown on Channel 13 on Monday, February 17 at 9 p.m., and on Saturday, February 22, at 10 p.m. In addition, it will be shown on Channel 21 on Friday, February 21 at 10 p.m.

## Selected Reading

Amer. Sci. 63, January-February 1975  
Oxygen: Boon and bane. I. Fridovich. 54-9  
The benefits of boredom: Sensory deprivation reconsidered. P. Suedfeld. 60-9  
Trends in U.S. technology: A political economist's view. M. Boretsky. 70-82  
Science 187, February 7, 1975  
Nuclear fusion: The next big step will be a tokamak. W.D. Metz. 421+

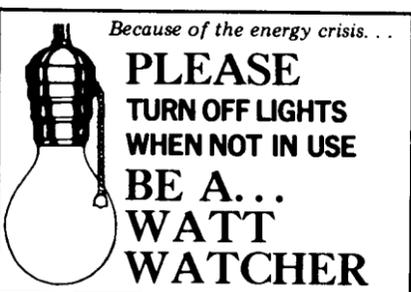
## Official & Special Events

Monday, February 17  
Washington's Birthday - Holiday  
Tuesday, February 18  
ERDA Biology and Ecology  
Review Panel  
Wednesday, February 19  
Navy Meeting - 7:30 p.m.,  
Brookhaven Center  
Concert - 8:30 p.m., Berkner Hall  
Friday, February 21  
Art Show Closes

Tuesday, February 25  
Polytechnic Institute of New York  
Long Island Center Tour

Wednesday, February 26  
BNL Lecture

Thursday, February 27  
ISAAC Meeting - Room B,  
Berkner Hall, (February 27-28)



John Olson with a jar containing *Chlorobium limicola*, one of the two cultures of green bacteria he is studying.

## Plants May Hold Key To Future Fuel Needs

For years man has worried about what directions to take in search of alternate energy sources. Perhaps he should take a close look at another living organism which does not face this problem and probably never will.

For billions of years, plants have efficiently converted the energy of the sun to useful chemical energy through a process called photosynthesis. By trapping sunlight, plants use it to split water into hydrogen and oxygen. The hydrogen is combined with carbon dioxide to form essential nutrients such as carbohydrates, and the oxygen is released into the atmosphere for animals to breathe.

Could man mimic the ingenuity of plants and design a mock photosynthetic system to convert solar energy to electrical energy? Although John Olson, Biology, regards the idea as "way out," he believes it is worth investigating. "What I see for the future of solar energy, is mimicking the algae or higher plants by splitting water to get hydrogen, which could be burned for heat and used to operate fuel cells for electricity," said Olson.

In order to copy this primary energy con-

version system, the structure of the photosynthetic mechanism must be fully understood.

For 13 years Olson has been studying a group of photosynthetic bacteria which have giant light absorbing units, in comparison to those found in plants. They are the green bacteria, named for their abundance of chlorophyll, a green light-absorbing pigment essential for photosynthesis. For 11 years, Betty Shaw has been Olson's research assistant.

The light absorbing units in green bacteria contain 2000 chlorophyll molecules while those in plants have only 200. The chlorophyll molecules absorb sunlight and act as lenses to focus the light on a reaction center where it is converted to chemical energy.

In 1962 Olson discovered that the green bacteria contain two different kinds of chlorophyll; a green chlorophyll and a blue-green type that had never been seen before in green bacteria. It is called bacteriochlorophyll.

The importance of bacteriochlorophyll in the green bacteria is that it acts as a catalyst in the conversion of solar energy to chemical energy. Without it, this necessary reaction would not take place. The green chlorophyll is not involved in the reaction

(Continued on page 2)

## Heavy Snow Closes Lab

Wednesday started off to be a perfectly normal working day but by noon, enough snow blanketed the Lab grounds to warrant a closing.

The heavy snow, which hit most of the Northeast, started on Long Island at 9 a.m. and did not cease until 3 p.m. The Meteorology Group measured a total of seven and a half inches at the Lab by the end of the day. The temperature Wednesday did not go above 24°F until nightfall and then dipped to a low of 8°F.

There was some question, among employees, whether the Lab would be open Thursday. Whenever this question arises, the easiest way to find the answer is to turn on the radio and tune it to one of the stations listed on this page for the official word. Telephoning the Laboratory should be avoided except as a last resort. The operator simply can't handle all of the calls that flood in whenever the snow starts to pile up.

The same policy applies when the Lab closes early, as it did Wednesday. Do not call the Directors Office to find out when the Lab will close. Each department will be notified.

A Lab closing or delayed opening will be decided on in plenty of time to notify the listed radio stations, and is usually announced early enough to enable employees to dust the snow off their cars and shovel driveways before leaving for work.

BNL attempts, during periods of very bad weather, to adjust the times of opening and closing so as to avoid unreasonable hardship for the majority of employees in getting back and forth to work. Also, there is no loss of pay or vacation time during emergency closings.

When there is doubt in the morning as to whether the Laboratory should open, the weather and traffic conditions are reviewed between 5:00 and 6:30 a.m. and any announcement telephoned to the local radio stations. If it is estimated that the majority of employees can get to work on time or shortly thereafter, without unreasonable hardship, the Laboratory opens on schedule.

Forecasting the weather for Long Island is a problem. Frequently coastal areas are on the edge of snowstorms, causing inaction. (Continued on page 2)

## Snow Closing

As in past years Lab employees are urged to listen for notices affecting working hours before starting to the Lab on snowy days. Information on revised schedules due to inclement weather will be carried by the following stations:

Station	Area	AM	FM
WALK	Patchogue	1370	97.5
WBAB	Babylon	1440	102.3
WGLI	Babylon	1290	—
WGSM	Huntington	740	—
WHLI	Hempstead	1100	98.3
WHRF	Riverhead	1570	—
WLIX	Islip	540	—
WLNG	Sag Harbor	1600	—
WRIV	Riverhead	1390	—
WWRJ	Southampton	—	95.3
WBLI	Patchogue	—	106.1
WRCM	Riverhead	—	103.9

## Anderson Appointed To SUNY Council

During his last days as New York State's chief executive, Governor Malcolm Wilson appointed Assistant Director R.C. Anderson to the Council of the State University of New York at Stony Brook.

Dr. Anderson is the second member of BNL to be appointed to the Council. George Collins, former Chairman of the Cosmotron Department and now retired from BNL, served as a charter member of the Council from 1959 through 1968.

In announcing Dr. Anderson's appointment, Stony Brook President John Toll



R.C. Anderson

said he was pleased that another distinguished member of BNL had been appointed to the Council.

The nine-member Council, appointed by the Governor, is composed of community leaders in Suffolk and Nassau Counties, and in the metropolitan New York area. It has broad powers of advice, and approves all policies and appointments affecting the university. In the New York State university system, each campus has its own Council which advises a state-wide Board of Trustees which oversees all campuses.

Dr. Anderson has been in charge of university relations at BNL for many years. "Stony Brook and BNL have ties at many levels and in many ways," he said. As a member of the Council he hopes to bring the two institutions even closer together.

## Karate

There will be a demonstration of Karate by Robert J. Clark, Ph.D., on February 14 at 5:15 p.m. at the southwest room in the gymnasium. He will demonstrate the art of Taekwondo, of which he is a 4th Dan. There is no charge and all those interested are welcome. He will be happy to answer questions and sign people up for on-site lessons. Any questions call Whitey, Ext. 2913.



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## Snow

(Continued)

curate predictions of the snowfall. Also, of course, forecasts can change significantly in a few hours or even be entirely wrong. This sometimes makes a decision reached at 6:00 a.m. appear unwarranted by eight or ten o'clock. Everyone should be alert to changed conditions, and be aware of delays that may be encountered in changing an earlier announcement. On bad weather mornings, many employees not only listen to one of the radio stations listed, but also check with a member of *their car pool* or a *neighboring employee*.

Snowfalls sometimes vary widely between the North and South shores, or from East to West; the progress of snow plowing varies between Towns; snowdrifts vary with the locale. These variable and changing conditions create a diversity of difficulties for drivers that vary in degree from place to place. During storms each driver should estimate his own situation by listening to the latest weather forecast, noting the current weather and other conditions, and using his common sense. Whenever driving conditions in the locality appear extraordinarily hazardous, each individual must use his own best judgement about getting out on the road, or, once on the road, continuing the journey.

## Plants

(Continued)

except to focus the sunlight it absorbs on the reaction center.

In order to study the structure of the bacteriochlorophyll-proteins, they must be extracted from the photosynthetic apparatus of the green bacteria. Olson found that they could be dissolved out with water. This was an important finding since chlorophyll proteins found in plants must be extracted with detergent. It is sometimes difficult to study these chlorophyll proteins because they are covered by a film of detergent.

Each bacteriochlorophyll protein contains 21 chlorophyll molecules. Knowing how the molecules and proteins interact with one another is an important step in understanding how the light absorbing unit works.

Because bacteriochlorophyll is similar to chlorophyll a, found in plants, knowing its structure will help us to understand chlorophyll proteins in general, said Olson.

Once the photosynthetic mechanism is understood, perhaps man can copy it for his own purpose. Olson does not see this happening for at least 20 years, but thinks research in this area should continue.

**engineering**  
exploring  
new energy frontiers



feb 16-22

**national engineers week**



## Service Awards - Jan./Feb.

The following personnel received service awards in January:

### Twenty Years

Kurt Jellett ..... Accelerator  
Dysart A. Ravenhall ..... Applied Math.  
Harvey L. Spiess ..... Reactor

### Ten Years

John Austen ..... Supply & Materiel  
Herbert Banks ..... Purchasing  
Quentin R. Beitel ..... Instrumentation  
John N. Brown ..... Accelerator  
Peter Fennelly ..... Plant Engineering  
Carnal Hobson ..... Plant Engineering  
Leola E. Johnson ..... Physics  
Joseph R. Klemish, Jr. .... HP&S  
Fred B. Krieger ..... Applied Math.  
William E. Moser ..... Plant Engineering  
Wayne A. Rasmussen ..... Accelerator  
Richard S. Richard ..... Plant Engineering  
Lily C. Tang ..... Medical  
Margaret P. Van Wormer ..... Purchasing  
Ronald M. Yuhas ..... Applied Math.  
Joseph J. Zeneski ..... Central Shops

The following personnel will receive awards in February:

### Twenty Five Years

James G. Cottingham ..... Accelerator

### Twenty Years

Veronica H. Brooks ..... Medical  
Charles A. Mignery ..... Plant Engineering

### Ten Years

Stephen Amoretty ..... Information  
John L. Barry, Jr. .... Plant Engineering  
Peter S. Bilski ..... Plant Engineering  
Charles Bohnenblusch ..... Mech. Engineering  
James E. Carroll ..... Plant Engineering  
Alexander Ceresko, Jr. .... Medical  
Yreana Renee Flack ..... Director's  
Joseph F. Gatz, III ..... Instrumentation  
George V. Meyerhoefer ..... Plant Engineering  
James M. Oster ..... Plant Engineering  
Joseph H. Stakes ..... Applied Math.  
Frank J. Strelecki ..... Plant Engineering

## Arrivals & Departures

### Arrivals

Robert W. Garber ..... Applied Science  
Louis A. Graziano ..... Plant Engineering  
Heriberto M. Rosado ..... Plant Engineering  
George T. Walczyk ..... Instrumentation  
Yoseph Imry ..... Physics

### Departures

Terry D. Smith ..... Applied Math.

## Warriors of the Sahara

The Tuaregs were the warriors of the Sahara, riding over the horizon, their blue veils hiding all but their menacing eyes. In the Late, Late Movie on television their sabers always gleamed as they rode to destroy the caravans from civilization. But the Tuaregs aren't really like that, and NOVA's presentation of "The Tuaregs" takes a look at the real people behind the fanciful stories. "The Tuaregs" can be seen on Sunday, February 16, at 7:30 p.m. on Channel 13; and on Tuesday, February 18, at 8:30 p.m. on Channel 21.

It took a long time before civilized peoples found out much about the Tuaregs. The Sahara Desert, the Hoggar Mountains, aren't easy places to travel - let alone live. And the stories of the fierce Tuareg warriors didn't make anybody eager to visit.

Now the 20th century is catching up to the Tuaregs. In 1962, Algeria freed the Tuaregs' slaves. A recent two-year drought has killed their camels. The Tuaregs are being forced to change their lives. They own transistor radios and are even building a rest stop for tourists. NOVA's presentation may be a last look at a dying, changing people.

## Cafeteria Menu

### Week Ending February 21, 1975

Monday, February 17	
Snack Bar Open 9:00 a.m. to 2:00 p.m.	
Tuesday, February 18	
Beef Noodle Soup	
Chopped Steak & 1 Veg.	1.05
Beef Liver & 1 Veg.	1.05
Wednesday, February 19	
Cream of Potato Soup	
Beef Chop Suey on Rice	1.05
Cafeteria Special	
Cup of Soup or Small Juice	
Fried Shrimp Boat	
w/French Fries & Onion Rings	
Choice of	
Plain Jello or Ice Cream	
Small Beverage	\$1.87 Plus Tax
Thursday, February 20	
Chicken Noodle Soup	
Lamb Stew on Rice	1.20
Roast Chicken/Stuffing & 1 Veg.	1.20
Friday, February 21	
Clam & Celery Soup	
Spaghetti w/Clam Sauce	1.00
London Broil & 1 Veg.	1.20

## EMERGENCY PHONE NUMBERS

Medical	2222
Fire	3333
Police	4444

## Stony Brook Events

### Friday, February 14

Ginette Chang will give a Master of Music degree recital on violin at 8:30 p.m. in Lecture Center 105.

The Alumni Association is sponsoring a horror film marathon. The program will begin at 7 p.m. and end at 7 a.m. the next day. Tickets, available at the door, are priced at \$3 for the general public; \$1.50 for all Stony Brook students, faculty and staff; and \$1 for all 1974-75 dues-paid alumni. Refreshments will be available in the Rainy Night Coffee House located in the basement of the Stony Brook Union.

The First Floor Gallery in the Administration Building features an exhibit of students' photographs; the building is open from 8:30 a.m. to 5 p.m., and the show will continue through February 21st.

The Stony Brook Union Gallery has an exhibit of paintings by Vincent Arcilesi, a New York artist who has exhibited widely in the Midwest and in the New York area. Mr. Arcilesi paints with oils in a realistic manner. The exhibit will run until February 28th; gallery hours are from 11 a.m. to 5 p.m., Monday through Friday.

The University Museum, located in room 142 of the Social Sciences A Building, features a Smithsonian Institution travelling exhibit of Puerto Rican poster art with 50 color serigraphs by Lorenzo Homar and a dozen of the Island's outstanding artists. The gallery is open from 10 a.m. to 3 p.m. on Monday through Friday and from 6 to 9 p.m. on Monday through Thursday. The show will close on February 28th.

### Saturday, February 15

Saturday Cinema will screen films in the Stony Brook Union Auditorium from 4 to 7 p.m. Film titles to be announced.

### Sunday, February 16

Bruce Erskine will give a Master of Music degree recital on flute at 8:30 p.m. in Lecture Center 105. The concert will feature Elizabeth Patches, mezzo-soprano.

The Chinese Movie Show will present the film, "Bleeding at Rainbow Bridge," from 2 to 4 p.m. in room 143 of the Old Engineering Building.

### Monday, February 17

The Contemporary Issues in Health Care and Public Policy lecture series features Dr. Marvin Kuschner, Dean of the School of Medicine and Chairman of the Department of Pathology in the University's School of Basic Health Sciences, who will speak on "Pathology and Public Policy" at 7 p.m. in Building F, Room 147, on South Campus.

*Die Winterreise*, Franz Schubert's song-cycle, will be performed by Roger Roloff, baritone, and Maria Martello, pianist, at 8 p.m. in Lecture Center 105. Tickets (\$2 for adults and \$1 for students) will be available at the door. For information call 246-5672.

### Tuesday, February 18

Tuesday Flicks presents "Paradise Case" at 8 p.m. in the Stony Brook Union Auditorium. There will be a Music Department student recital today at 8:30 p.m. in Lecture Center 105.

### Wednesday, February 19

The Women's Film Series will show "Two English Girls" at 7:30 p.m. in the Stony Brook Union Auditorium.

George Fisher, a graduate student in the Music Department, will give a piano concert at 8:30 p.m. in Lecture Center 105.

A dance theatre production, "Why Knot?," choreographed by Cecily Dell, will be the first spring production of the Theatre Arts Department. The work includes elements of dance, music, singing and speech. The piece centers around the idea of the structure of change, and the individual dances represent different aspects of that process. Performances are scheduled for February 19 through 23 and February 26 through March 2. Performances begin at 8 p.m. in the Calderone Theatre Building B on the South Campus. Tickets are available at the door for \$2, \$1 for students, and can be reserved in advance by calling 246-5681.

### Thursday, February 20

Thursday Night Cinema presents "The Bet," a short, and Jean Cocteau's "The Blood of a Poet" at 8:30 p.m. in Lecture Center 100.



## BERA Concert Series

The next concert will be given by the celebrated Romanian pianist Valentin Gheorghiu on Wednesday, February 19, at 8:30 p.m. in Berkner Hall.

The program will consist of works by Mozart (Fantasy in D minor), Beethoven (the Moonlight Sonata), Schubert (Sonata in A minor op. 42), Schumann (Kinderszenen), Chopin (Fantasy in F minor), and the Romanian composer Paul Constantinescu.

### Admission

Adults	\$3.50
Full time students with I.D.	1.75
Over 65	1.75
Under 18	1.00

## Gym/Pool Schedules

### Pool:

Monday, 2/17 - Holiday - Closed

Tuesday - Friday

11:30 a.m. - 1:30 p.m. employee only  
5:00 p.m. - 9:30 p.m. employee/family/guest\*

Saturday and Sunday

1:00 p.m. - 6:00 p.m. employee/family/guest\*

### Gym:

Monday, 2/17

1:00 p.m. - 6:00 p.m. tennis (by reserv.)

Tuesday - Friday

BERA scheduled activities

Saturday

1:00 p.m. - 6:00 p.m. tennis (by reserv.)

Sunday

1:00 p.m. - 3:00 p.m. tennis (by reserv.)  
3:00 p.m. - 6:00 p.m. scheduled BERA activities (by pre-arrangement with Rec. Supervisor)

Persons wishing to make reservations to play tennis in the Gym must sign up on the board provided for this purpose in the Gym and must agree to comply with the regulations of the Tennis Committee.

\*1 guest per adult BERA member or more by prior arrangement.

## Camping Club News

The monthly camping club meeting will take place on February 20, at 8:00 p.m. at the Rec. Hall. After the order of business an interesting film on bears will be shown, followed by refreshments. All are welcome, any questions please call Peter Fennelly, Ext. 3254.

## Slo-Break Basketball

Last week the Persuaders continued their winning ways as Blue Garrison with only seconds remaining fed Leroy James for the tie breaking bucket. S. Samuelson and D. Nordstrom paced the Spuds with 14 points each.

In the second game the Condors led by Bob Vignato with 21 points kept it close but were unable to catch Roga. Ed Brown's 35 points and an 84% night from the free throw line helped Roga post their first win in this third of league play.

Team	FG	FT	F	TP
Spuds	23	7	17	53
Persuaders	21	13	15	55
Roga	23	16	15	62
Condors	25	6	15	56

—Walt Brooks

## Volleyball News

The standings for the first half in the Men's League were incorrect as reported last time. They were as follows:

	W	L
Cool Tools	24	6
Spikers	21	9
Atom Spikers	19	11
Circuits	11	19
Foot Faults	8	22
No Names	7	23

We are now into the second half and the competition is as fierce as ever. The Mixed League having played two weeks because of rescheduling and the Men's League once. The standings to date are:

### Men's League

	W	L
Spikers	3	0
Atom Spikers	2	1
Cool Tools	2	1
No Names	1	2
Foot Faults	1	2
Circuits	0	3

### Mixed League

	W	L
Trolls	6	0
Spikers	4	2
Nuts & Bolts	3	3
The Best	2	4
Playmates	2	4
High Balls	1	5

## Bowling News

Grace Fales

### Red League

High series for the night: J. Scesny 213/210/616 scratch and R. Larsen 214/237/621 scratch. Other highs were S. Frei 230, J. Fontana 235, R. Nelson 204, B. Buzzeo 211/219, V. Bilms 209, C. Gardner 206, E. Gill 231, P. Klotz 210, and T. Prach 207.

### Green League

200's for the night - D. Stelmaschuk 214, J. Cain 211, R. Marlow 217, and C. Bohnenblusch 203.

### Pink League

Congratulations to the Pinsplitters, Champs of the 2nd third. **And a Star is Born!** Marie Brenner of the Fiscal Assets rolled a beautiful 245 (106 pins over average), 555 scratch series. Great bowling, Marie. Other highs were: C. Van Noy 196/209, K. Conkling 195, R. Flack 191, J. Hamilton 186, M. Susa 183, G. Fales 174/507. The Swingers really swung with a rousing 910 gross team game.

## Happy Valentine's Day!

## Exercise Classes

The first in a series of ten Monday night exercise classes will begin on February 24 in the Recreation Building. Classes on February 24 and March 3 will start at 6:00 p.m. Starting time for the remaining classes will be 5:30 p.m.

Instructor Cecilia Kalfur, who teaches gymnastics at SUNY, will start on a basic level of exercise and muscle toning.

The cost will be \$18 for the first six classes, paid at the first session, and \$2.50 each for the four remaining classes.

Sign up at the first class or call Karin Karlstrom, Ext. 4398 or Eena-Mai Franz, Ext. 4337.

## Classified Advertisements

### Placement Notices

Each week the Personnel Office 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 through the Personnel Office. 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, or to request consideration for an available position, contact Supervisor, Personnel Placement & Development, extension 2874 or 2882.

27. TECHNICIAN - AAS degree or equivalent in electronics. Assignment involves work on the development of ion sources and includes construction, modification and operation of electrical and electronic devices. Accelerator Department.

28. SENIOR STAFF ASSISTANT - BS degree or equivalent with experience in finance and administration. Assignment involves assisting Department Chairman in the preparation, control, and administration of operating budgets, special grants, financial reports, clinical investigation protocol, investigational new drug application records and the procurement and control of materials and services associated with Department operation. Medical Department.

29. OFFICE SERVICES ASSISTANT - Good clerical skills. Assignment involves filing, cataloguing, and retrieval of reports dealing with reactor safety programs. Some experience with library operations desirable. Temporary position. Department of Applied Science.

30. OFFICE SERVICES ASSISTANT - Temporary position. Personnel Office.

### Autos & Auto Supplies

TIRE - C78-14, very good cond, w/w. \$10. J. Bussiere, Ext. 3501.

BATTERY - Sears "High Voltage" 12v, used 3 mos. \$20. A. Campbell, Ext. 3354, 12-12:30.

71 CHEVY VEGA HATCHBACK - 4 spd, radio, new brakes & exhaust, 6 excel tires, runs well. Asking \$950. Ext. 3752, 744-9699.

TIRE CHAINS - Like new, fit 6.50x13, 6.00x14 & 5.50x15 tires. \$10. Katcoff, Ext. 4341, 475-4005.

69 CHRYSLER WAGON - 6 seat, 383 eng, 50/50 full pwr bench seat, right recliner, pw, air cond, new radial tires, excel cond. \$1095. Ext. 2564, 286-3647.

70 VW BUS - W/bed, dinette, 1 owner, low miles, excel cond. \$2470. Ext. 4329, 751-6820.

64 OLDS - Auto, r/h, new brakes, shocks, good peppy eng, good 2nd car. \$120. Cliff, Ext. 3292.

64 CHEVY PICKUP TRUCK - 6 cyl, std, 8' bed, very good shape, 49,000 mi. \$500 firm. 878-2955.

73 GREMLIN - 6 cyl, std trans, radials, r/h, rear defroster, excel cond, good on gas. Asking \$1750. 698-4765 eves.

67 CADILLAC COUPE DE VILLE - Full pwr, good tires, needs body work. R. Nelson, 744-8949.

WHEELS - 14" for Chevy & Tempest, \$5/pr; wheels, 5-lug VW, \$5/pr; 12v gen, GM type, \$7. Bob, Ext. 4652, 289-0357.

69 TOYOTA CORONA - Blue/blk bckts, compl rebuilt eng, std trans, very good gas mileage, must see. Only \$695. 286-0694 after 5.

## Classified Advertisements

### Autos & Auto Supplies

72 VEGA GT HATCHBACK - Low miles. \$1300. J. Sanders, Ext. 2377.

TOYOTA RIMS - Orig equipment, 12" for Corolla 1200, 13" for most others. \$7 ea. Ext. 4121, 757-1581 after 6.

72 CHEVY CAPRICE - Top cond, fully equipped, low mileage. \$2750. 473-0178 eves.

73 PLYMOUTH FURY III - 4 dr, ps/pb, air cond, 16,000 mi, excel cond. Best offer over \$3000. Jerry, Ext. 3303 after 4.

2-14" CHEVY RIMS - \$5; 2-13" rims, 5 holes, \$5; 1-15" Ford rim, \$5. O. Booker, Ext. 4719.

68 THUNDERBIRD - Fully equipped, radials, new exhaust sys, well maintained, very good cond, must sell. \$800. Rick, Ext. 4612.

65 FALCON STATION WAGON (SEDAN) - Ps, auto trans, radio, 2 new tires, water pump & muff. \$200. 281-8274.

60 CHEVROLET - Needs some work. \$50. Bob, Ext. 3323.

66 FORD FAIRLANE WAGON - 289 V8, ps, auto trans, new radials. \$575. 286-0204.

60 EX TEL CO TRUCK - New brakes, muff, etc, good running cond, price negotiable. Tom, 878-0249.

TIRE RIMS - For a Sunbeam, 4 hole. \$15 takes all. Winter, Ext. 3354.

69 FORD VAN - Red, V8, tape deck. L. Arnold, Ext. 2024, 281-2136.

72 CORVETTE CONV - Excel cond, 27,000 mi, 4 spd, 350 cu in, ps/pb, air cond, FM stereo radio, silver/blk int. Ext. 3198.

69 TOYOTA COROLLA - 71,700 mi, excel running cond, needs muff. Asking \$350. 924-4693.

73 VW SUPER BEETLE - Excel cond, 4 spd, w/w, low mileage, best offer. 928-0954 after 6.

74 JAWA MOTORCYCLE - 50cc, street & trail, like new. \$185. Ext. 3354.

### Boats & Marine Supplies

32' BALTZER - Twin 125 hp Chrysler, camper back. \$4900. 331-1718.

MURPHY & NYE MAIN & JIB FOR LIGHTNING - Perf cond. \$125. B. Oerter, Ext. 4121, 757-1581 after 6.

40' WOOD BOAT - For work or play, diesel pwr, economical, seaworthy, bronze & copper fastened. 732-6976.

### Miscellaneous

GIRL'S BIKE - Hi-riser, banana seat, 3 spd, speedometer, mint cond. \$45. 744-5261, Ext. 3121.

3 PCS - Mediterranean styled cocktail table & 2 end tables, used less than 6 mos. \$150. Ext. 4399.

1 SET FIREPLACE GAS LOGS (OAK) - Ideal for heat & beauty, sacrifice. 475-6938.

CHAIN SAW - Left handed, 12" Cox auto oiler. \$75. Bob, Ext. 4672, 929-4753.

MISSES RIDING BOOTS - Blk, size 6½, rubber, lined. \$8. Pecan, Ext. 3397.

MISSES RINK ROLLER SKATES - Liberty, wood wheels, size 6½. \$15. Pecan, Ext. 3397.

BOWLING BALL - W/AMF carrying case. \$5. Pecan, Ext. 3397.

WOOD PLANER - On stand, w/motor, \$40; table saw on stand w/motor, \$30. A. Campbell, Ext. 3354, 12-12:30.

ROTEL AM/FM STEREO RCVR - RX-150A; Garrard 42M turntable w/dust cover; Jensen 8 ohms 2-element spkr sys model 1; entire sys \$175. Bob, Ext. 3725 after 4.

BEDRM SET - 5 pc, new cond, \$400; liv rm chair, telephone desk & chair, sm. Ron, Ext. 4652, 289-1003.

SOFA - Contemporary lg 4 pc sectional sofa w/ottoman, blue; 2 crushed velvet uphols chairs, avocado green; octagonal walnut table w/glass top; matching lamp w/shade, excel cond. Asking \$500. Flo, 732-9061 pm only.

CEILING TILES - USG Travertine marble, 90 sq ft. 20¢/tile. Ext. 4727.

DESK - Filing cabinet, etc; comb work/study center 3'x4'x2'. Ext. 4727.

SOFA - Craft Associate, mod style in olive, 1 olive chair, excel cond, selling at less than ½ orig cost. 878-4214.

STOVE - Westinghouse elec, good working cond; Lane walnut end tables & long coffee table, ea w/drawer, excel cond, less than ½ orig cost. 878-4214.

21" RCA COLOR SET - Needs picture tube, \$25; elec carving knife, \$5; all good cond. Bob, Ext. 4652, 289-0357.

PORTABLE TV - Sony 11", AC/DC, in orig carton. Cost \$150, sell \$125. Bob, 473-9180 after 6.

SURFBOARD - 7'10" Hansen custom, removable skeg, excel for intermediate surfers. Only \$70. 286-0694 after 5.

BOTTLED GAS TANK REGULATOR - \$5. Ext. 3655/3560, 281-2002.

SIAMESE CAT - Free to good home. Diane, Ext. 2441.

QUADRAPHONIC DECODER - Heathkit mod AD-2022, all access. Asking \$30. R. Williams, Ext. 4259/4207, 286-0893.

MAN'S COAT - Size 44, blk Borg-Alaska, worn once; books: sci-fi, mysteries, westerns, etc, hard covers 25¢, paperbacks 10¢. R. Williams, Ext. 4259/4207, 286-0893.

OLD SHORT-WAVE RADIO - Still works. \$5. R. Williams, Ext. 4259/4207, 286-0893.

KITCHEN DINETTE SET - 2 chairs, L-shaped red bench, white table, will separate. Barbara, 286-8633 after 4.

BUFFET - Antique white, 57"l, 4 doors, matching table 44x31 opens to 60", custom glass top & 3 chairs, \$35. Jim, Ext. 2434, 744-3792.

42" COMBO CABINET SINK - \$15; 4 white metal wall cabinets, 30x18x12, \$10. Jim, Ext. 2434, 744-3792.

BABY ITEMS - Convert stroll-o-chair high chair, stroller, carriage, bassinets, more, all excel cond. Ext. 4216, 289-0532 after 6.

POT BELLY STOVE - 31" h, 12" diam, 1 yr old, w/stove pipe & damper. \$70. Marty, Ext. 3753 after 4.

SM BABY GRAND - Full keyboard, walnut finish, carved legs, must be seen to appreciate, no reasonable offer refused. 924-6868 after 4.

BEDRM SET - 4 pc Fr Prov, white finish w/gold color trim, good cond. Asking \$100. O. Booker, Ext. 4719.

GAS RANGE - 36" Hardwick & stainless steel hood. \$15. Jim, Ext. 2434, 744-3792.

SKIIS - Fischer 180cm salomon bindings, boots, men's size 10½, ladies' size 8; all very good cond. 475-5430.

B/W TV - 21" console Andrea, ebony cabinet w/sliding doors. W. Hulak, Ext. 4278, 732-2248 after 5.

FIGURE SKATES - Blk, size 3, like new, \$8; white, size 3, \$5; child's ski pants, blk w/yellow stripe, W22"-L20", \$4. G. Irving, Ext. 2318.

CHILD'S SKIIS - Handover, 140cm w/salomon jr step-in bindings & rubber buckle boots size 4½. Together \$20, or sell separately. G. Irving, Ext. 2318.

NURSES SHOES (NEW) - Size 5, Naturalizer, contour sole. Orig \$25, sell for \$15. G. Irving, Ext. 2318.

BONGER 9'11" SURFBOARD - W/competition skeg nose & tall blocks, 1 ding. \$45. 286-9614.

TRAY TABLES - Set of 4, \$7; sm wooden sewing cabinet, \$5; swag lamp, amber color, w/chain, 015. 924-4442.

AM/FM STEREO & RECORD PLAYER - All wood mahog cabinet. \$35. 281-3460.

ROTARY SANDER/POLISHER - \$10; 6v VW am radio, \$7; heavy duty winch, \$10; chain link fence gate, \$6. 281-3460.

CB RADIO - 12 channel Realistic TRC-15 w/6 crystals. \$30. John, Ext. 3354.

BOY'S BICYCLE - 20" Columbia spyder bike, good cond. \$20. Cal, Ext. 2902.

SKIIS - Sears "Clipper" wooden skiis w/metal edges, spring bindings, 160cm, used 6 times. \$12. J. Ridge-way, Ext. 2452, 473-1154.

TAPE DECK - 8 track rec & play, excel cond, cheap. Ext. 2053.

PURE BREED IRISH SETTER - 8 mos old, male, has all shots. \$40. Leslie, 473-4938.

LADY SCHICK FACIAL SAUNA - \$7. Jean, Ext. 2345.

CHAIN SAW - McCulloch Mac 10-10 auto oiler, gas 16" bar, extra chain bought Oct '74. Cost \$217, asking \$125. 924-4693.

CB RADIO - Lafayette Micro 12 w/all crystals. \$75. John, Ext. 3354.

TAPE RECORDER - Sony open reel w/pre-amp. L. Arnold, Ext. 2024, 281-2136.

2 CATS - Half grown, white w/gray markings, female, free to good home. Frank, Ext. 2410, 281-7113.

GE CANISTER VACUUM CLEANER - Excel cond, w/all attachments & extra bags. \$30. Bill, Ext. 2022.

FISHER X1008 STEREO AMP - 50w, excel cond, \$65; Garrard changer, \$15. Bob, Ext. 4551, 289-2159 eves.

GIRLS' BOOTS - White, size 8; ice skates, size 2; \$2 ea. Olson, 289-8629 after 5.

### 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

SALE/RENT - Middle Island, 3 bedrm ranch, fireplace, lg fam rm, fin bsmt, ½ acre. Ext. 3330.

CHOICE - 1 acre wooded bldg plot, located minutes from Lab, established residential area. For info & details, call 924-3236.

SETAUKET, NORTH - 2 bedrm cape cod, walk to beach & marina, fireplace, eat-in kitchen, garage, low taxes, wooded. 473-6815, 928-0297.

BAYPORT - 3 bedrms, liv rm w/fireplace, din rm, in-ground pool. 472-1356 after 6.

### For Rent

FURN HOUSE TO SHARE - Miller Place, priv bedrm, shared kitchen, liv rm & bath. \$108/mo. 473-7879, 744-2302.

FURN RM - Kitchen privileges. Ext. 3800, 585-3794.

PATCHOGUE VILLAGE - 2 bedrm apt, w/w, heat & water incl, no pets, business couple preferred, priv entrance. 289-3427.

2½ RMS - W/full bath & kitchen, priv entrance, util incl. 589-6069.

ROCKY POINT - 3 bedrm house, full bsmt, liv rm, din rm, oil h/w heat, 1 block from town. \$290 + util, 2 mos security. 751-7552.

BY MONTH OR WK - 2 bedrm-2 bath condominium in Stuart, Fla, pool, sauna & own golf course. 475-1951.

### Wanted

STROLLER & CARRIAGE - In excel cond; kindergarten set for toddler; modern sofa in good cond; rug, approx 10x15, in very good cond. 924-3303.

SOUP LABELS - St. John's school needs 3000 soup labels to get gym mats. Send to F. Chandler, Bldg T-89.

MOTOR'S, CHILTON'S REPAIR MANUALS - Auto related literature. Frank, Ext. 2022, 281-3460.

RIDE TO DC ANY WEEKEND - Dale, Ext. 3372.

STORM DOOR - 24¼"x79½", wood or alum. Ext. 2290.

SM METAL CUTTING LATHE - Drill press, miller & sm bench circular saw. Frank, Ext. 2410, 281-7113 eves.

### Car Pools

2 DRIVERS WANTED - For 4-man car pool, Brentwood/Bayshore/Central Islip area, 8:30-5. C. Hebrance, Ext. 4562.

DRIVER WANTED - For established carpool, Bayport/Blue Point area. Ext. 2977.

### Lost & Found

FOUND - White fur winter hat. Al, Ext. 3057.

### Services

TYPING - Manuscripts, theses, etc., reasonable rates, neat work. Susan, Ext. 3609, 928-6082 after 5:30.

BABYSITTING - Daily after 3 or weekends, Patchogue area. Debbe, 475-5488.

HOUSE/APT SITTING - Experienced w/both sitting & taking care of animals. Going away? Avail, references, no fee. Bob, Ext. 3725 after 4 M-F.

TREE SERVICE - Removal, pruning, cabling, chain saw work. 744-4652.

PLUMBING & HEATING - Alterations, new work & repairs, lic & insured. 732-1913.

CERAMIC TILE/CEMENT/TERRAZZO - Professional work at reasonable prices, call for estimates. John, Ext. 2242, 281-8848.

OAK CORD WOOD - Split & delivered, well seasoned. \$70/full cord; \$40/½ cord. 727-1329.

TREE SERVICE - Removal, topping, cabling, pruning, chain saw work, free estimates. 727-1329.

HAVE TRUCK - Odd jobs done-cellers, attics, yards cleaned; light hauling. 727-1329.

TAXPAYERS - Federal & State income tax forms prepared in the privacy of your home or mine. 475-8330.

### Classified Ad Policy

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

- The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
- All items for sale or rent must be the advertiser's property.
- Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
- Firearms offered for sale or trade may not be brought on site.
- Ads not carried because of space restrictions will be held for publication in the next issue.
- Ads are run only once and must be resubmitted if they are to be repeated.
- Ads should be restricted to 20 words or less and typed or printed on the form provided, and must bear the employee's signature.

<input type="checkbox"/>	For Sale: Auto & Auto Supplies	<input type="checkbox"/>	Wanted	Check <input checked="" type="checkbox"/> the heading applying to your ad. Print or type your ad in 20 words or less.
<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	

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, Building 460, 40 Brookhaven Avenue (Ext. 2345).