



# BROOKHAVEN BULLETIN

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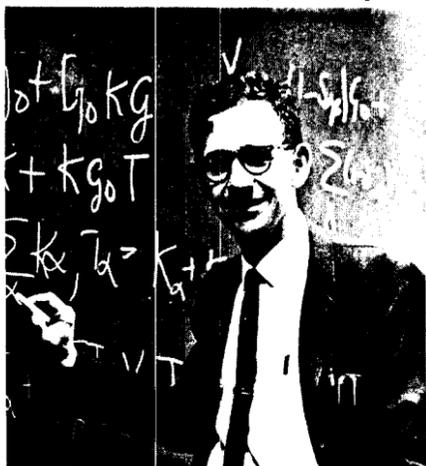
April 3, 1969

## An Elementary Particle What Is It?

On Wednesday, April 9, Dr. Ronald F. Peierls will deliver the 83rd BNL Lecture at 8:00 p.m. in Berkner Hall. The subject of his lecture will be "What Is An Elementary Particle?"

One of the aspects of the physicist's belief in the ultimate simplicity of nature is the conviction that all the complicated forms of matter surrounding us can ultimately be understood as being built up from a small number of fundamental objects. Thus molecules were described in terms of atoms, atoms in terms of electrons and nuclei, nuclei in terms of protons and neutrons. In the past twenty years the attempt to look still further has led to an apparently unpleasant result - a bewildering new array of very small and baffling particles has been discovered.

Most of these particles are unstable and break up in less than  $10^{-8}$  seconds. There are by now almost as many of these parti-



cles as there are chemical elements. None of them have any directly observable effect on the world around us. Yet we still call them fundamental particles. Why? The lecture will try to shed some light on the current viewpoint of the elementary particle physicist, and to indicate the nature of the questions which are currently being asked.

Dr. Peierls was born in Manchester, England, and was educated at schools in Toronto, New York City, Los Alamos, New Mexico and Birmingham, England. He obtained a BA in Mathematics with honors in 1956 from Gonville and Cains College of Cambridge University, and a PhD degree in 1959 from Cornell University.

He has since held a NATO Fellowship at Birmingham University, spent a year as a member of the Institute for Advanced Study in Princeton, and taught for a year at Cornell.

Dr. Peierls joined the BNL Staff in July of 1963, as an Associate Physicist in the Physics Department. He has worked in the theoretical physics group since that time. At present he is acting leader of the high energy theory group and holds the rank of Physicist.

Following the lecture, refreshments will be served in the lobby of Berkner Hall.

## Navy Lecture On Deep Diving Sub

Walter H. Scott, Director of Grumman Aircraft Engineering Corporation's Oceanographic Systems Department, will be guest lecturer at the BNL USNR-R Co. 3-9 meeting, Wednesday, April 9.

Mr. Scott will lecture on the design and development of the research submersible "Ben Franklin." Developed by Grumman in collaboration with Dr. Jacques Piccard, this vessel can operate at a 2000-foot water depth with a crew of 6 for a period of up to 4 weeks. A Gulf Stream drift mission is scheduled for this craft in June of this year and will consist of a submerged voyage in the Gulf Stream from Florida to New England. Oceanographic and geological scientific data will be gathered on the trip.

In conjunction with his lecture, Mr. Scott will show a number of slides and a 20-minute film.

The meeting of the Naval Unit will be held at the Brookhaven Center at 7:30 p.m. Members of the BNL staff are welcome to attend.

## Two Husband-Wife Science Teams



M. Jacques Michel (left) and his wife, Genevieve, chat with Lab Director Maurice Goldhaber and Mrs. Goldhaber before visiting with scientists at BNL. The French diplomat-scientists have recently been assigned to the French Embassy in Washington in the Scientific Mission. While at BNL, Madame Michel visited the Biology and Medical Departments, while her husband spent time at the Chemistry Department and the Department of Applied Science. —Humphrey

## New Bootery Service

The safety shoe service on site is now being provided by the Knapp Shoe Company. Employees will be able to select shoes from a new line of "option shoes" being offered by the new vendor, paying the difference between the option shoe and the Laboratory's cost of a standard issue shoe.

Employees ordering option shoes will pay this difference at the time the order is placed. Checks or money orders, in favor of Knapp Shoes, are preferred to cash payments.

The Safety Shoe Office will continue to be located on the lower level of Building 535, and will continue to be open on Monday afternoons and Thursday mornings.

## Youthful Artists To Exhibit

High School undergraduates will give a showing of pottery, paintings, and sculpture at the Hospitality Committee's Tea and Sherry party on Wednesday, May 7, at the Brookhaven Center.

Exhibitors must be related to Lab employees and must be at least 13 years of age. They are asked to register with Evonne Hammond before April 11, giving name, age, grade of artist, home phone number, brief description of the work to be exhibited, and the name of the related Lab employee. It would be very helpful to include the size of each exhibit.

All entries should be sent to Mrs. Hammond at the Personnel Office, Building 185, as soon as possible.

## Spent Fuel Shipping Truck



Loaded with two casks containing spent fuel elements from the BGRR and the HFBR, this truck is parked each Monday night in the Theatre parking lot. The specially-built rig weighs 71,000 pounds when loaded with the two casks. It is 55 feet long and is the first of its kind in the eastern states. The first cask on the truck contains BGRR fuel elements and weighs 15,250 pounds, the second cask is loaded with HFBR spent fuel elements and weighs 26,500 pounds. —Rosen

## Georgians Meet At Brookhaven



Steve Garrett, Upton Postmaster (left) received mention recently in the Georgia papers because of his meeting with another Georgian at BNL, William Howland (right) a patient at the Medical Research Center. Howland, former Time and Life editor, is receiving treatment for Parkinson's disease. He wrote to a columnist on the Georgia paper telling about meeting Garrett, who he describes as a "Jolly Green Giant from Loganville, Georgia." Every afternoon Howland has to take a walk, so he stops and chats with Garrett, who has been Postmaster at Upton for the past 19 years. —Humphrey

## Revelle Says Gap Widening Between Riches and Poverty

More than half of all human beings eke out their existence on incomes of less than 40 cents daily, while the rest of the world's people have incomes averaging over ten times higher. This existing gulf between affluence and poverty is something that cannot persist.

Professor Roger Revelle, Pegram Lecturer for 1969, asks if this great gulf will be closed by a vast improvement in the lot of the poor countries, or by a decline and degradation of the richer ones.

Increasing the income level of the poor countries could be done if obstacles were overcome. Some of these are: the indifference of civil servants; the shortage of entrepreneurs; the lack of rewards for scientists and teachers; the emphasis on family, rather than public morality; the fear that innovations will make an already bad situation worse; the reliance on magic, rather



than on experiment; and the tendency to seek security, rather than improvement.

Professor Revelle's first lecture will be based on the division of mankind into two classes, the rich and the poor. In his second lecture, on April 22, Revelle will talk about the problems associated with the poor countries feeding themselves. His final lecture on April 24 will examine what must be done to solve the unprecedentedly rapid rate of human population growth in the poor countries.

Professor Revelle has devoted much of his time in recent years to the problems of developing countries. For several years starting in 1961, he headed a panel of experts in the natural and social sciences and engineering which studied problems of land and water development in West Pakistan. The report of this commission was published in 1966 and is being used as a blueprint for widespread educational reform in India.

The first lecture of the 1969 Pegram Lecture Series will be given on Thursday, April 17, at 8:30 p.m. The second lecture will be on Tuesday, April 22, and the third will be on Thursday, April 24. Free tickets for the series may be obtained from the Pegram Lecture Committee, 40 Brookhaven Avenue, and are available to all Lab employees, their families and their guests.

## Cooking Exchange Meeting

The next meeting of the Cooking Exchange will feature a demonstration of French cooking. This meeting will be held on Thursday, April 10, in the Apartment Area Recreation Building from 3 to 5 p.m.

## Coming Attractions

- 4/8 BERA Concert (Berkner Hall - 8:30 p.m.)
- 4/9 Navy Lecture "Ben Franklin" Development and Future Programs - W. Scott (Brookhaven Center - 7:30 p.m.)
- 4/9 BNL Lecture "What is an Elementary Particle?" Ronald Peierls (Berkner Hall - 8:00 p.m.)
- 4/10 BERA Movie
- 4/17 Pegram Lecture

French Scientist Lectures . . .



Dr. Edouard Regenstreif (left) of the University of Rennes, came to the United States to lecture at Brookhaven a month ago, but was unable to complete his lecture at BNL until last week. As he arrived at Kennedy Airport, he was shot twice by a deranged ex-Transit Authority porter who picked his target at random. Regenstreif was removed to a Queens hospital where he remained in intensive care for several weeks. As soon as he was able to leave the hospital, Regenstreif and his wife came to Brookhaven to give the scheduled lectures and to spend some time recuperating. Dr. John Blewett (right) and Dr. G.K. Green of the Accelerator Department were host to the Regenstreifs during their stay. —Humphrey

Up, Up, and Away For Electric Crew

When the high voltage crew of the Electric Division of Plant Engineering and Planning goes to work, it's up, up, in the bucket of a "cherry picker" to the top of a pole.

In addition to their work with the cherry picker, these high-flying electricians also rise to greater heights when they change bulbs in the aircraft warning lights on top of the reactor stacks and the meteorology towers. Street lights are all maintained by this crew, as well as the seasonal job of stringing and maintaining the Christmas lights on the spruce tree at the Brookhaven Center.

Because of the versatility of the cherry picker it is occasionally called upon to do various odd jobs about the Lab. The tin-smiths and the carpenters have used the hydraulic lift at times for repairs to buildings whenever there is a need for a fifty-foot ladder.

For the past two years there has been a concentrated effort on the part of Plant Engineering and Planning to place all power transmission lines underground. The cherry picker has been used to do this work of disconnecting wires and removing transformers before taking down the utility poles. As the truck is also equipped with a winch, it is also used to pull cables into the new underground ducts.

In addition to the spectacular work in high places, the high voltage crew also is in charge of all maintenance of the 69 kv substations on site, and does all the normal electrical distribution work that is done by LILCO outside of the Lab.

Jack Barry disconnects transformer before removal. George Stoll and Ted Logan wait on ground to lower the disconnected unit. (right)



The High Voltage Line Crew of the Electrical Division of Plant E&P, plans the work schedule for the day. From right are: George Stoll, Foreman; Walter Kirkman, Leadman; William Cozine, Jack Barry and Ted Logan. In the rear is the "Cherry Picker" truck used for high voltage line work. —Humphrey

Dollars and Sense

Leon Meshel

Your New York State Income Tax Return by Frank Federmann

In this era of high taxes, New York State contributes substantially to our "tax problem." The State levy ranges from 2% to 14% of "New York State taxable income." This article discusses what constitutes "New York State taxable income," and which tax form should be used in filing your state tax return.

In determining state taxable income, the taxpayer should begin with "adjusted gross income" from his federal income tax return (form 1040, page 1, line 9). To this amount he should make the following adjustments: Items to be added to federal income:

1. Interest which is exempt for federal income tax purposes, but is taxable for state purposes. (Interest on state or municipal bonds - other than New York State and its subdivisions.)

2. State income taxes deducted in arriving at federal adjusted gross income.

Items to be subtracted from federal income:

1. Interest which is exempt for state income tax purposes but taxable for federal purposes (interest on U.S. Savings Bonds).

2. Pensions to employees of New York State, its subdivisions (cities, counties, etc.) or agencies (Port Authority, etc.), taxable for federal purposes.

3. Refund of state income tax included in federal gross income.

4. Since the N.Y. State income tax law went into effect December 31, 1959, profits earned prior to that date are not taxable.

Federal income tax rates are lower for married taxpayers than they are for single taxpayers. New York State income tax rates are uniform for all taxpayers. Therefore, it usually pays for married taxpayers (where husband and wife each have income) to file separate state returns. New York State income tax form IT208 allows the taxpayer to receive the benefits of separate returns, while only filing one form.

If the taxpayers have itemized their federal return, they may itemize their state return (remember to add life insurance premiums paid up to \$150 per taxpayer and to subtract state income taxes deducted on itemized federal return). The itemized deductions may be apportioned between the taxpayers as desired.

Each taxpayer must take his own personal \$600 exemptions; additional exemptions (for your children and other dependents) must be taken by the taxpayer who would have taken them if he or she filed a separate federal return.

Consider the following example:

	Total	Husband	Wife
Income	\$11,000	\$8,000	\$3,000
Itemized deductions	(2,000)	(2,000)	
State income tax	400	400	
Life Ins. Premiums paid in 1968 (\$150/husband & \$50/wife)		(200)	(200)
Exemptions (taxpayer, spouse, & 3 children) 4 x \$600 1 x \$600		(3,000)	(2,400) (600)
Taxable Income	\$ 6,200	\$3,800	\$2,400

If the taxpayers were to file a joint state return, they would be taxed on \$6,200 and pay \$195. However, if they filed separate returns (form IT208) their tax would be \$150 (the husband's tax would be \$100 and his spouse's tax would be \$50). A savings of \$45 resulted from selecting the proper tax form.

Arrivals & Departures

Arrivals

Jeanne R. Wysocki.....Biology

Departures

A. Belting Burroughs II.....Photography  
Joseph M. Cardamone.....I & HP  
Anthony Cappadoro.....Applied Math  
Louise F. De Lio.....Physics  
Stephen J. Dinora, Jr.....Mech. Eng.  
Rita Frederick.....Applied Math  
Rosemary A. Gellene.....Medical  
Otto G. Salyer.....Systems & ADP  
Theodore P. Schreiner.....DAS  
Max Wolfsberg.....Chemistry

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NORBERT J. DERNBACH  
Public Relations Officer

Here and There

Dolores del Castillo

Raymond Davis (Chemistry) gave a talk at the Department of Physics and Astronomy of the University of Florida on his solar neutrino research.

Alfred Stinson of Jarvis Christian College, Hawkins, Texas, is spending several months working with Jerry Hudis (Chemistry) as a Student Collaborator.

Norman Sutin (Chemistry) presented an invited paper on "Substitution-Controlled Oxidation-Reduction Reactions" at the Inorganic Kinetics Symposium held in Washington, D.C.

George Woodwell (Biology) presented a paper on "Radioactivity and Fallout: The Model Pollution" at a conference entitled "Conversations in the Disciplines: Pollution" sponsored by the State University of New York and the Biology Department, State University College, Oneonta.

J. Philip Thornber (Biology) recently presented a seminar on "Chlorophyll-Protein Complexes from a Variety of Photosynthetic Organisms" at the University of California, Berkeley.

H.W. Siegelman (Biology) attended the briefing on the Agricultural Aspects of the Proposed Nuclear Powered Agro-Industrial Complex Project held at Oak Ridge National Laboratory.

Robert W. Briggs (Biology) was recently in Homestead, Florida, for the pollination, inspection and selection of experimental maize genetics experiments.

Richard B. Britton, Kenneth E. Robins and William B. Sampson (all of Accelerator) were named the inventors of U.S. Patent No. 3,432,783, issued on March 11, 1969 to the AEC for "Superconductor Ribbon."

John Olson (Biology) presented a seminar on "Evolution of Photosynthesis" at the Department of Biology, University of Chicago and the University of California at Berkeley.

Frederick P. Cowan (HP) attended meetings of the National Council on Radiation Units and Measurements held in Washington, D.C. on March 20-22. On March 26-27 he delivered a series of lectures on accelerator health physics at Lawrence Radiation Laboratory, University of California, Berkeley.

Dr. and Mrs. Maurice Goldhaber (DO and Physics) have returned from a trip to Vancouver where they both lectured at the University of British Columbia.

Dr. George H. Vineyard (DO) chaired a session on "Radiation Effects I" at the 1969 March Meeting of the American Physical Society held in Philadelphia.

On March 21, Robert F. Smith (P & GA) addressed a meeting of the New York Microscopical Society held at the Museum of Natural History. His lecture was entitled "Differential Optical Staining in Microscopy and Photomicrography."

Service Awards - March 1969

Twenty Year

Cabre, Raymond W.....Reactor  
Freese, Walter C.....DAS  
Gorr, John F.....Reactor  
Malloy, Timothy F., Jr.....Mech. Eng.  
Scitz, Joseph.....PEP  
Sheehan, Thomas V.....DAS

Ten Year

Ammirati, Vincent.....Biology  
Carter, Kathy J.....Physics  
Davis, Donald A.....Accelerator  
Declerente, Michael.....Mech. Eng.  
Goebel, Wesley E.....Mech. Eng.  
Greenberg, Dennis D.....Biology  
Greenlaw, Norwood E.....I & H.P.  
Halada, John W.....Shops  
Heylmann, Alvin F.....Chemistry  
Krupski, Malvina P.....I & H.P.  
Mann, George.....PEP  
Zucker, Martin S.....DAS



**Julius Wechter . . .  
A Mexican Name?**

The sloe-eyed, drooping-moustached leader of the Baja Marimba Band looks the part of a Mexican musician, but is really a Chicago midwesterner by birth.

Julius Wechter moved to Los Angeles when he was a youngster, and got most of his musical training early in life. He studied piano at the age of five, and by the time he hit high school, he was ready for jazz music. His playing the marimba came about by accident as the result of there being two drummers and no one to play the "vibes" in a school jazz group formed on the Searing style.

While in school Julius met Herb Alpert, and years later, Alpert called on the free-lancing Wechter to play the marimba in a recording of "The Lonely Bull". The record was an instant hit. Shortly after the Baja Marimba Band was started.

There have been rumors that the Tijuana Brass is simply the Baja Band with clean clothes, but Wechter assures us that this is not the case. According to him, "We think of ourselves as one big family. Herbie and the Tijuana Brass are very suave and sophisticated and we're like the 'dirty brothers.'"

The Brothers Four, the other half of the double bill on May 3, in no way resemble the Baja Band. The four songsters were brothers in the same fraternity at the University of Washington in 1958 when the group was formed. Their first recording was "Greenfields," which was an instant success.

Their records have been as well received in Europe and the Orient as they have been here at home. Columbia Records reports that The Brothers Four are among the three biggest sellers in the overseas market.

Originally the boys prepared for careers in law, medicine, engineering and radio and TV management. Their success has been so great that they now have need for no other career than singing.

Two shows in one night with each feature a top entertainment group will be offered Saturday, May 3, for the annual BERA Special Event.

Reserved seats for the performance will be sold to Lab employees and their families for \$4.50 each, while guests and the public will have to pay \$6.00 for a ticket. Because of the limited number of seats, and the visual importance of this show, Recreation Director George Sabine urges that seats be reserved early for the best locations.

**Ladies Volleyball**

How would you like to get back that gorgeous figure you had last summer? A bit of exercise would do wonders to help achieve that goal.

Any of you gals who have an interest in playing volleyball once a week, please call extension 2928 and talk to Lorraine Oster about it.

**Special Concert**

A special free concert, sponsored by the BERA Concert Group, will feature three local artists on Tuesday, April 8 in Berkner Hall.



**Bowling News**

Irma Carl

**Purple League**

The Phoubars lead has all but vanished as they lost to the Designers. S&M trails the leaders by one point and the Designers are only two points away - this is no time to swallow the apple. Carl Canterra had the only 200 of the evening with a 216-564 series. Joe Nocar had a 510 series, Bill Brown a 505 and Phil Borzi a 504.

We were visited by two league members who have been out most of the year due to illness. It was good to see Alex Hansen and Pappy Seitz looking so well.

**Red League**

The Sandbaggers and Sparks had a sort of private roll-off of their own. They were trying to break up a tie. It was close to the very last game, but the Sandbaggers won out and are in the lead by 3 points. No great records broken this week. R. Newins came in with a 203 and 200 and R. Meier with a 202. Apologies to a certain someone who rolled a 232 on March 18. We listed him as a first-timer in the 200 class. Sorry, Sandy, it's just that it's been sooooo long between 200s!!!

**Green League**

The Great Nugatories are now in fourth place, preceded by the Fire Department, Reefers and first place Electrons. High series were M. Kinney 215-543, R. Hambley 211-511, R. Adams 185-510, and K. Brightman 112-308!!

**Pink League**

Despite Pat Fox's high game of 184, the Fiscal Assets relinquished third place to the Hopefuls who, after their anchor man decided in which direction to throw her ball, swept all seven points from the Bookies, right Arden!!! Mary Craig rolled well over average this week enabling the Medigals to almost have first place "under wraps." Helen Caisey (179-515) hasn't given up yet.

**Slo-Break Basketball**

by George Latham

In last Thursday night's action the Knacks continued their dominance of the Associated League by downing AMD 56-30. Jim Hooper had 13 points for the Knacks. John King had 9 for AMD.

The Old Timers won their first game of the second half beating the Rat Pack 47-32. Tom Nelson had 17 points for the Old Timers, while Bobby Kowalski and Gill Degregory had 10 each for the Pack.

Medical, with Charlie Crump hitting 21 points took the Stratums 33-20. John Ficenec had 9 points for the Stratums.

The standings-

Associated League		Won	Lost
Knacks		7	0
Rat Pack		3	3
AMD		3	4
Biology		1	4
Old Timers		1	4
Universities League			
Highballs		6	2
Medical		5	2
Stratums		3	5
Physics		0	7

**Attention Bowlers**

The big night is coming up again. To be exact it's Friday, May 9, 1969 at 8:30 in the gym. So put this night aside, bring the dancing shoes instead of the bowling shoes, and be prepared to pick up those trophies-'cause it's **Bowling Awards Night!!!** If it's been a bad year and you've had bad racks and wide splits, come anyhow!!

Volunteers will be needed to help in decorating the gym on Monday and Tuesday, May 5 and 6. Pat Oster on Ext. 557 will be happy to hear from anyone willing to donate a few hours to this cause.

**How To Be Happy Tho Working**



Photographer's view



Getting a new angle on Gypsy's curves.

Photographer Mort Rosen is usually occupied with scientific matters such as Bubble Chambers, Accelerators and such like. Last week he was assigned to take pictures for the publicity for Gypsy. Barbara Strom, who plays the lead role, came to the studio for the shooting, and Mort had to work hard to keep the audience from interfering with the camera work.

**Mother and Daughter  
Featured In Gypsy**

Communicating with her young daughter is not one of Anna Passell's problems. Both Anna and her daughter, Martha, are in the cast of Gypsy, and both play similar parts even if once removed.

Anna's image to her daughter will probably be enhanced by her playing the role of a stripper in Gypsy, a task that a number of mothers could not undertake. Anna Passell works as a journal secretary in the Physics Department, and joins in amateur theatricals in her spare time. Her last role at BNL was far removed from the present Gypsy role as she played an old, sweet puritan women in Crucible.

In Gypsy, it's goodbye to the early American homespun, and on with the body hose, feathers and pasties. Yet Anna can play both parts equally well.

Daughter Martha is a newcomer to the BNL stage, but is doing an admirable job as "Baby Louise." Martha was an active member of BNL's Children's Theatre Workshop, and has been ready for her theatrical debut for some time now.

Both Mother and Daughter can be seen in Gypsy starting on May 16. Tickets for any one of the four performances can be bought from the box offices at the Cafeteria or the Recreation Building. In addition, the "Floating Box Office" will be open the week of April 7 in the Accelerator Department. Carmen Falkenbach will take care of all reserved seat sales at the regular prices of \$1.50 for employees and \$1.75 for guests.

**Mets Tickets**

The Recreation Office still has tickets for the months of April and May. Check these dates, one of them might be just the game you would like to see.

- April 13 St. Louis
- April 21 Philadelphia
- April 23 Pittsburgh
- April 25 Chicago
- April 27 Chicago
- May 6 Cincinnati
- May 7 Cincinnati
- May 9 Houston
- May 11 Houston
- May 13 Atlanta
- May 14 Atlanta
- May 27 San Diego
- May 28 San Diego
- May 30 San Francisco

**Badminton Champs on Film**

All Badminton fans and others interested in net games have a golden opportunity to see how the experts play. Championship strategy and techniques are graphically illustrated in a one-hour sound film which BERA has arranged to show on April 17 at 5:30 p.m. in Berkner Hall. There will be no charge for admission.

The film gives a gallery spectator's view of the 1967 All England Finals between Judy Hashman and Noriko Takagi. It shows that Badminton is an exciting, fast-moving sport requiring athletic skill of the highest order and not merely a patty-cake version of Tennis.



Final product

# Classified Advertisements

## Positions Available

BLDG & GROUNDS UTILITY MAN (10) - Plant Engrg. & Planning.

Application Deadline: April 11, 1969.

Employees interested in applying for above positions should inform their Supervisor and file written request with Employment Office on or before deadline date.

## Autos & Auto Supplies

REBUILT CARB - H.d. generator, starter for '54 Chevy. \$5 ec. Gordon, Ext. 2416.

66 BSA LIGHTNING ROCKET MOTORCYCLE - 650 cc, dual carbs, candy apple red, immaculate, 7000 orig mi. \$950. 281-5289, 12-5 p.m.

57 CHEVY - 4 dr sedan, '63-283 eng w/all new connecting ports. Best offer. Armand, 288-3872.

68 VW - Sunroof, radial tires (Michelin X), fm radio. \$1350. Ext. 2948, AT6-8570.

63 BUICK RIVIERA - Excel cond, low mileage, one owner, 4 almost new tires, a real cream puff - \$1000. Call after 5:30, 473-2321.

68 COUGAR - Dan Guerny Special, ps, vinyl top, bckt seats w/sports console, less than 3000 mi. JU1-0619.

3 SPD AUTO TRANS - For '66 Mustang. R. Lehn, Ext. 483.

62 WILLYS JEEP - FC170, 1 ton, 4 w/d, Warn hubs, hyd., snow plow, 6 cyl, 4'x9' bed. \$800. Ext. 7382, 7383.

61 PONTIAC CATALINA - Auto trans, reliable, body good, 2 new tires. \$350. 732-7932 after 5.

60 JEEP WAGON - 4x4, plow, hubs, c/b radio, runs well. \$1200. G. Krey, 878-1310.

66 DUCATI MOTORCYCLE - 350 cc, 1 cyl, 2 seats, 1800 mi, mint cond. L. Suydam, AT6-1295 after 6.

65 PONTIAC VENTURA - 2 dr htdp, turquoise, auto trans, V8, ps/pb, pwr windows, low mileage, excel cond. \$1050 firm. 281-5289.

67 CHEVELLE SS 396 - 4 spd, 15,000 mi, vinyl top, clean, must sell. \$1850. K. Conroy, 281-5082.

63 SCOUT PICKUP - 20,000 mi on rebuilt eng. \$500. Mike, Ext. 2314, 311.

65 GTO - Dk blue/blue int, tach, mags, tri-power 4 spd, bckts, excel cond. \$1450. AT6-1242 after 6.

56 FORD FAIRLANE - Thunderbird eng, dual exhaust, 4 bbl carb, auto trans, ps, r/h. \$75. Ext. 638.

3 TIRES - W/rims, 6.50x13, good cond. \$40. Vinnie, Ext. 567.

65 TRIUMPH SPITFIRE - Green, new conv top, new tires, new battery, excel cond, 2 driver family has 3 cars, also compl repair manual. \$750. B. Murray, 286-1079 after 6.

GOODYEAR TUBELESS TIRES - 8.25x14, good tread, set of 5 + 1 tube. \$8 ea. D. Britton, Ext. 7201.

64 PONTIAC CATALINA - 4 dr sedan, V8, auto trans, ps/pb, completely rebuilt eng & trans. \$950. Rich, YA4-3298.

66 CHEVY IMPALA STATION WAGON - Blue, V8, auto trans, ps/pb, r/h, all extras work, excel cond. \$1700 firm. R. Brown, Ext. 455, 286-1214.

58 VESPA MOTORSCOOTER - Needs paint & a tune-up but runs well. Asking \$150 but will consider any offer. Borg, Ext. 2924.

61 MERCURY COLONY PARK WAGON - All pwr assists, truly in excel operating cond. Make an offer. Borg, Ext. 2924.

54 CHEVROLET - 2 dr sedan, 6 cyl, std trans, good tires. Jim, 473-3288.

63 PORSCHE SUPER 90 - Cabriolet, white, leather int, ski rack, am/fm radio, dealer maintained. 732-4288 after 5.

65 GRAND PRIX - Ps/pb, auto trans, excel cond, low mileage, gold. \$1195. Ext. 2247.

65 CHEVELLE SS 396 - 2 dr htdp, 4 spd, very clean, maroon. \$1500. Frank, Ext. 481.

57 CADDY - 4 dr htdp, all pwr, air cond, very clean, extra parts, tires & wheels. \$400. Frank, Ext. 481.

65 FORD 1/2 TON PICKUP - 8' bed, 6 cyl, good cond. \$950. R. Meyer, Ext. 2428, LT9-5757.

62 T-BIRD - Full pwr, good cond. \$695. R. Meyer, Ext. 2428, LT9-5757.

66 SAAB - Excel cond, just overhauled, white sedan, red int. \$795. Chandra, Ext. 2913.

VW STATION WAGON - Model 1600, blue, r/h, snow tires, excel cond, a good buy. Ext. 7517, JU4-8492.

68 HONDA CM 90 - Like new. 289-3726 after 5:30.

TRAILER HITCH - Draw-Tite, 1 1/2" ball, for '60-'61 Falcon station wagon, new. \$10. D. Mitchell, Ext. 2598.

66 CHEVY IMPALA STATION WAGON - Blue 8 cyl, auto trans, ps and pb, r/h, all extras work. Excel cond. \$1700 firm. R. Brown, Ext. 455, AT6-1214.

61 VW BUS - W/66 53 hp engine, gas heater and good rubber, \$250. Ext. 7686.

63 CHEVY II - Turq/white, 6 cyl, excel cond, auto trans, air cond. \$675. 475-2151 after 4:30.

65 2 + 2 MUSTANG - Red/blk int, auto trans, eng overhauled, 6 cyl, excel cond. \$1300. 475-2151 after 4:30.

15" WHEELS AND TIRES - For VW (3) snow, (2) regular. Mike, 585-1192.

67 HONDA - 160cc scrambler, dual carbs, elec start, 7500 orig miles, immaculate, candy apple blue. SE2-3067.

66 TRIUMPH - Spitfire Mk II, hard top conv, wire wheels, r/h, excel cond. Must see. Hogan, 878-2672.

65 GRAND PRIX - Ps/pb, clean, vinyl top, excel cond. 286-8681.

64 COMET - 2 dr sedan, std trans, very good cond, must sell. Best offer above \$450. G. Bengtsson, Ext. 7574, 281-5463.

NEW DUNLOP TIRES - 6.95x14, w/w, 4 ply sidewall, 5 ply tread, 5 left, hurry! Ext. 2549.

TIRES - 7.75x14, 2 Mansfield premiums, sidewall tread, great cond, good tread, orig. \$50, now \$25. Ted, Ext. 2503.

65 CHEVY - S.S. 396, 4 speed, very clean, maroon. \$1500. Frank, Ext. 481.

## Boats & Marine Supplies

13' BEETLE CAT - Compl w/2 sails, but some broken ribs, free to take & fix up. Thorndike, Ext. 2237, AT6-8369.

3 1/2 HP OUTBOARD MOTOR - Scott, forward/reverse, like new. \$95. Ron, Ext. 610.

SAILBOAT - Jet 14, excel racing record, new cond, 2 suits dacron sails. L. Suydam, AT6-1245 after 6.

'60 THOMPSON LAPSTRAKE BOAT 16' - Compl w/boarding ladder, anchor, navy top, side curtains, Gator trailer, '65 Evinrude (20 hrs use), excel cond. Best offer. S. Waski, Ext. 2304.

21' BAY CITY EXPRESS CRUISER - 95 hp inboard, f.w. cooled, must sell. \$2100. Petruk, Ext. 2142, AT6-0124.

40 HP MERCURY 1956 - Manual start w/controls, will demonstrate. \$175. Ext. 7609, 744-8332 after 7.

25' CABIN CRUISER - Sleeps 2 w/rm for expansion, galley, head, needs some work. Best offer. George, Ext. 7168, 475-3792.

'61 PEMBROKE CRUISER - 135 Gray, fully equipped, extras A-1. \$2400. C. Horn, EM3-2042.

24' CHRIS CRAFT EXPRESS CRUISER - 130 hp, 2 bunks, head, sink, equipped. \$950. Ext. 7373, MO1-6078.

'63 MFG RUNABOUT - 40 hp Evinrude, trailer & other accessories. AT6-8718.

MUST SELL - Sturdy 32' fishing/family boat, cabin, head, 115 hp Chrysler Crown. \$1200 or best offer. Ext. 379, LT9-3269 after 6.

26' SLOOP - Fiberglassed, 5 yrs old, 9.5 hp aux, fully equipped for cruising, ideal for G.S.B. Priced for quick sale. Ext. 663.

14' WOLVERINE - Life vest, preserver, ski & belt. \$80. 588-2271.

19' FIBERGLASS SLOOP - R-19 class, 2 sets sails, all race gear, extras. \$1800. Don, Ext. 2531.

PROPELLER - 3 blade, 10" dia, bronze, 1" shaft, weedless. Ext. 2983.

## Miscellaneous

1/2 ACRE - Heavily wooded, close to water, in Rocky Point. 744-2214 after 5:30.

3 RABBITS - 2 females, 1 male, houses, pens & all for \$15. K. Dixon, 878-0373.

MINIATURE POODLES - Silver, AKC reg. \$75 & up. 727-1066.

COLLIERS ENCYCLOPEDIA - 1958 edition w/year-books, \$35; GE tabletop oven broiler, rotisserie, \$15. 286-2272.

ELEC HOT WATER HEATER - 30 gal. Ext. 2816, GR5-7372.

ENJOY SCENIC DISCOVERIES - Not possible by auto, free pilotage, will share low-cost new plane rental, single or group. A. Roesch, Ext. 7667, 2413.

DINETTE - Walnut-grained formica, 1 leaf, 4 chairs, excel. \$35. 286-1097.

KITCHEN CHINA CABINET - White, metal, perf cond. \$15. 286-1097.

PROPERTY - 1/2 acre, lg trees, 3 blocks from bay, Newport Beach in E. Moriches. 289-3422 after 5:30.

AKC DOBERMAN PINSCHER PUPS - Storm & ebonair breeding line. 744-9071.

'66 APACHE EAGLE TENT TRAILER - Canopy, plastic window, kitchen & clothing cupboards, frame hitch, sleeps 4, wired, 5 outlets, excel cond. AT6-8805 eves.

2 ACRES - 500' off Jericho Tpke, Wilson Ave, Gordon Heights. \$6000. 732-3443.

LINCOLN CENT COLLECTION - 139 different Lincolns 1909-1969, excel cond, must be seen. \$39. S. Wagner, Ext. 618.

ST BERNARD PUPPY - Male, AKC, shots, 8 wks old. \$175. Ext. 418, 732-3443.

MISCELLANEOUS HOUSEHOLD FURNISHINGS - All in good cond. Reasonable. 289-5607.

BEDRM SET - White, reg dble bed & mattress, chest of drawers, dble dresser & mirror, night table, 1 yr old. Paid \$449, sell for \$350. 281-4528 eves.

KEEP YOUR SODA & BEER COLD THIS SUMMER - 12 cu ft refrig. \$15. Ext. 638.

SUNBEAM ELEC SNOW BLOWER - Hardly used, moving south. AT6-8197 after 5.

ADMIRAL REFRIG - Good cond, fine for extra appliance, reasonable. Olsen, 286-0376 after 4.

CHILDREN'S GOLDEN BK ENCYCLOPEDIAS - Vol I-XVI, dictionaries I-VI, like new. Asking \$11. 281-8283.

GERMAN SHEPHERD PUPPIES - 1/2-1/4 collie, whelped 2/11/69, 1 own both parents (male AKC, female), 1 male, 2 females left of litter of 11. Sandy, 281-5771.

BABY ITEMS - Table & 2 chairs, \$8; crib mattress, \$2; baby gate, \$2; sterilizer w/bottles. 286-8676.

LEAD ACID BATTERY - Leak proof, 3 a/h. \$4. J. Guthy, Ext. 2450.

KAY AMPLIFIER - W/1 speaker, hardly used. Asking \$30. MO7-6061.

FLOOR MODEL HI-FI - \$20; dble hibachi, \$5; Broil-master oven-broiler (sm stainless steel), \$15; GE portable vacuum w/all attachments, \$17. 941-9387.

6 DUTCH RABBITS - From 1 mo to 3 yrs in age. GR5-7191 after 5.

CITIZENS BAND ANTENNA - 3 element beam. GR5-4199.

FIREPLACE LOGS - Seasoned oak, 18" lengths. 12/\$1, some 25/\$1. 924-3236.

50' SNOW FENCE - & 6 poles. \$12. JU8-2271.

SKIS, BOOTS (SIZE 9) & POLES - \$15. JU8-2271.

UNIFLOW ROD PUMP - 3/4 hp. \$90. JU8-2271.

UPRIGHT PIANO - AT6-8718 after 6.

FULL SIZE WARDROBE-TRUNK - Good cond. \$15. Hank, Ext. 2566.

GASOLINE CAMPING STOVE - Coleman 3-burner. \$5. Hank, Ext. 2566.

OSCILLOSCOPE - DeVRY 5", AC input w/cal vert & horiz sweeps, ext sync, brand new. \$55. Tom, Ext. 422.

2 BOZAK SONATA I SYSTEMS - No cabinet, B800 wide range w/2 B-200Y tweeters in ea. \$45 apiece. 757-4717 after 7.

2 NEW EMPIRE CAVALIER SPEAKER SYSTEMS - Marble tops, walnut. Orig cost \$120, sell \$55 ea. 757-4717 after 7.

SINGLE SIDEROOM TENT - New, 10'x13', w/outside aluminum frame. \$60. R. Lehn, Ext. 483.

NEW DYNA 120 STEREO AMPLIFIER - Factory wired. Orig cost \$199.95, sell \$130. 757-4717 after 7.

100 PIECES OF BLUE FLAGSTONE - \$15. R. Lehn, Ext. 483.

GARAGE SALE - 53 Maple Ave, Shirley. For details, 281-8566.

UTILITY TRAILER - Excel body, sideboards & racks, hitch, running & turn lights, new tires. \$100. J. Bennett, 727-7209 after 9.

SPEED GRAPHIC - 2 1/4x3 1/4, 3 film backs, 2 lenses, assorted extras. \$55. AT9-0631 after 5.

NIKON SLIDE DUPLICATOR - Never used. C. Schmidt, Ext. 573, 744-3312 after 5:30.

NEW CAMERA - Minox Ultra-miniature. Takes black & white, color print or color slide pictures or copying of documents. Worth \$150. 878-2239.

## Houses

Housing advertised for sale or rent is available without regard for the race, creed, color or national origin of the applicant.

MEDFORD - 2 bedrms, basement, appl, 1 car garage, residential area, near new schools, 150x150. \$17,000. 475-8526 after 6.

PATCHOGUE - 3 bedrm ranch, att garage, full basement, oversized dbl garage, lg landscaped corner lot, many extras. W. Homer, GR5-4597.

RONKONKOMA - Custom Sp/ranch, 3/4 acre, 2 bedrms, 1 1/2 baths, fireplace, pool, many extras. \$25,800. 588-2271.

BELLPORT - 6 bedrms, 2 baths, 2 car garage, 3 zone hot water heat, on 3/4 acre wooded, refrig, washer & dryer incl. \$24,000. W. Corwin, Ext. 657, AT6-0724.

SHOREHAM - 1 1/2 yr old, 7 rm ranch, 3 bedrms, din rm, fam rm, 2 baths, full basement, .12 acre, extras, 6% mort. \$25,000. 744-3764.

BELLPORT VILLAGE - 2 yr old spacious colonial, near everything, 4 bedrms, 2 1/2 baths, fam rm, din rm, laundry rm, dble garage, basement, deck, wooded 0.8 acre. \$31,000. AT6-8724.

BELLPORT - Maple Ave, 3 bedrm ranch, lg liv rm, eat-in kitchen, full basement, oversized garage, deep beautifully treed lot. \$16,900. Ext. 572.

## For Rent

FURN RM - Sayville, priv entrance & bath. F. Maye, Ext. 7230, LT9-3243 after 6:30.

1 BEDRM COTTAGE - Bellport, July 1-Labor Day, near water, newly furn. Ed, Ext. 2251.

3 1/2 RM APT - Wading River, lg, reasonable, unfurn. 929-6132.

3 BEDRM HOUSE - Shirley, 2 full baths, oil h/w heat, lg kitchen & din area, lg liv rm, den, full basement, fenced yard. 281-6517 after 6.

## Wanted

USABLE BASEBALL GLOVES - For 3 future stars, ages 5, 6, & 8, right handed. Don, Ext. 7373, 727-5619.

SM CHEST OF DRAWERS - Dahl, AT6-0379.

BABYSITTING - Will care for working mother's child in my home, 500' off Moriches-Middle Island Rd. 878-1744.

WOMAN TO SHARE HOME - AT1-8390 after 6.

HOMES FOR 7 PUPPIES - 3 males, 4 females, mixed breed, ready by Easter. Dave, Ext. 7356, 281-4549.

WILL TRADE - 4 bks King Korn Stamps & 3 bks Triple S Stamps for Plaid Stamps. Ext. 2816.

DIMES - Mercury Head, legible dates, will pay 15% over face. A. Roesch, Ext. 7667, 2413.

STEP DOWN TRANSFORMER - 230V to 115V, min 50 watts. L. Green, Ext. 2380.

TAXPAYERS - Fed & State income taxes prepared in your home. GR5-8330.

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

ALL BLK OR ALL WHITE KITTEN - Female, 6-8 wks old. Ext. 668, 751-0023.

TO BUY - Lamps, rugs, any size between 6'x9' & 12'x16', usable cond. 281-8676.

CHILDREN'S BICYCLE - W/training wheels. Palmer, Ext. 7666, 744-2836.

GIRLS INTERESTED - In playing volleyball & other indoor sports, Mon. & Wed. 5 p.m. Lorraine, Ext. 2928.

TENT - Ca. 9'x9' e.g. Umbrella type. B. Warnquist, Ext. 613, 281-3467.

TO RENT - 3-4 bedrm house in Shirley or Mastic. Ext. 7136, YA4-8462.

LAWN MOWER - Power, good cond. Spirio, 878-2864.

TO RENT - Sm house in Bellport area, furn, for 6 mos starting 9/1/69. Ext. 664.

BABYSITTING JOBS - E. Patchogue, Bellport, Brookhaven, weekends, week nights (early); experienced, reasonable, reliable. Andrea, 286-9639 after 3:30.

DEHUMIDIFIER - Ext. 2983, AT6-9158.

## Carpools

START OR JOIN - Carpool from Pt Jeff. Dick, Ext. 2108, 2305.

PAYING RIDER - Just off Hospital Rd exit of Sunrise Hwy, Patchogue. Nancy, Ext. 2816.

CARPOOL RIDE - From S. Huntington-Melville area. M. Steinberg, Ext. 340.

INTERESTED IN FORMING OR JOINING - Carpool from Massapequa LI or vicinity. Ext. 2942.

PAYING RIDER - Would like on-time ride from Bellport. Evonne, Ext. 396.

PAYING RIDER - Needs ride from Fairway Dr, Bellport, starting April 14. Diana, Ext. 2365.

INTERESTED IN CARPOOL - From Plainview vicinity. Dave, Ext. 2970.

**Note: Ads omitted due to lack of space need not be resubmitted. They will appear in next week's issue**

## Classified Ad Policy

### Deadline is 12 noon Friday for publication the following Thursday.

- The Brookhaven Bulletin 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 for material acquired for resale in association 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, and must bear the employees signature.

- 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.
- Firearms offered for sale or trade may not be brought on site.

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|--|---|--|
| <input type="checkbox"/> For Sale: Autos & 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.