



Future Scientists Visit Brookhaven

In honor of the 124th birthday of Thomas A. Edison, approximately 150 selected science students from some 30 high schools in Suffolk County attended the annual Youth Day on February 11 at Brookhaven National Laboratory.

This year the program featured the Laboratory's new tandem Van de Graaff accelerator system, the only one of its kind in the world. The program started at 11 a.m. in Berkner Hall with a welcome from Dr. Maurice Goldhaber, Director.

This was followed by the movie Brookhaven Spectrum and a talk, "Physics and the Quality of Life," by Dr. Joseph Weneser, Chairman of the Physics Department.

Following lunch, the students were briefed on the new tandem Van de Graaff and its research programs by Dr. Harvey E. Wegner, co-manager of the 30 MeV accelerator system. After the briefing, the students toured the facility in small groups, with one of the Van de Graaff personnel in charge of each group. Ample time was provided for each student to get a thorough look and ask questions.

The day ended with a general round-up and question and answer period back at Berkner Hall at 3:30 p.m. At 4:00 p.m., or there abouts, the busses returned the students to their schools. Serving on the question and answer panel were: David E. Alburger, Michael J. LeVine, Paul C. Rogers, and Harvey E. Wegner.

Edison Science Youth Day is an education program planned to acquaint students with the actual work of scientists and engineers, and to stimulate young men and women to investigate and pursue the many opportunities offered by a technical career. Every year the Atomic Energy Commission and its laboratories around the country celebrate Thomas A. Edison's birthday by having a special Science Youth Day. Thomas Edison left 1,097 patents, and would be pleased to know that we are still using his inventions, but it would probably give him far greater pleasure to know that his name is being used to inspire future scientists.

Halina Wiczuk, a senior from Riverhead High School, had never been to Brookhaven before. She was impressed by the elaborate equipment that is necessary for the completion of research in low energy physics.

Robert Pike, another senior from Riverhead, had been to the Lab last Visitors' Day, and so enjoyed himself that he asked to be included in the Science Youth Day tour. "I wanted to see what is being accomplished with the taxpayers' money," Robert said. Both students agreed that the program was a very valuable supplement to classroom work, and both agreed that they could have spent more time hearing about the Lab's research program than the program allowed for.

During the question and answer period, questions were asked about the functions of bending magnets, power requirements, and the use of a vacuum as an insulator, as well as several other subjects. As all of these youngsters were to be science students, they proved to be an interested and attentive audience for the entire program.

Discussion and tour leaders were: David E. Alburger, John A. Benjamin, Chellis Chasman, Ger A. Engelbertink, David R. Goosman, Keith W. Jones, Otmar C. Kistner, James D. Larson, Michael J. LeVine, Kunio Nagatani, John W. Olness, Paul C. Rogers, Arthur Z. Schwarzschild, Andrew W. Sunyar, Pedro A. Thieberger, and Harvey E. Wegner.

Lecture At Local School



Francis Rizzo, HIRDL, shows radiation-processed material to students at Longwood Middle School, a near neighbor of BNL. Last Thursday Rizzo presented a program on the broad spectrum of radiation processing to a selected group of students in the school's library. The students shown with Rizzo are: Gerald Groskopf, Theresa Conners, and Thomas Hancock —Humphrey

Food Preservation Talk At Longwood

Francis X. Rizzo (HIRDL) presented a program about radiation and its use in the preservation of food to a group of students at the Longwood Middle School on February 11. His presentation included a film, slides, samples of irradiated food, polymerized concrete, and plastic impregnated wood. A lively question and answer period followed.

The students, sixth graders, have been studying about food, an area which they chose as being of special interest to them. As part of the unit, they have studied nutrition, malnutrition, labelling of food, preservatives commonly found in food, and consumer education. They have exchanged recipes, compiled a cookbook, and actually prepared and tasted foods for the purposes of comparing the cultural and physical nature of taste.

Joseph Lecci, the teacher in charge of this group, has planned the unit in accordance with the philosophy of the Middle

School which he states as "learning by doing." Mr. Lecci adds, "some of our goals for the students are independent thought and study, and the acceptance of self responsibility and self discipline in learning." The new building for the Middle School is under construction now, and has been planned as an open school to facilitate this type of education. (An open school consists of learning areas rather than closed classrooms.)

Mr. Rizzo's presentation was arranged by Lynn Morris and Elaine Friedman who are Resource Teachers in the Project ABLE program in the district. They are assisting the faculty and students in the application of the philosophy of the Middle School. Project ABLE is a state funded program which seeks to develop and implement ego development activities, to enrich existing programs by introducing new ideas and materials, to individualize instruction and increase the children's cultural experience.

North To Canada



200 miles along the way and another 70 to go, Dr. R.C. Anderson walks through a cloud on top of Mt. Mansfield, Vermont. The rock cairn in the left foreground marks the spot where a hiker was struck by lightning several years ago. Dr. Anderson is carrying on his back all of the equipment he used during his "mountain saunter" from the Massachusetts border to the Canadian border late in September of last year. —Thien

North To Canada - An Illustrated Talk

R.C. Anderson, Director's, will describe a hiking trip taken last September on the Long Trail which runs for 269 miles, the length of Vermont, from the Massachusetts Border to Canada.

The equipment used in wilderness backpacking will be demonstrated and comments offered on the changing views on the relation between man and nature.

The talk will be given at Berkner Hall starting at 7:30 p.m. on Wednesday, February 24.

Dr. Robert Christian Anderson was born in New Jersey, and had his undergraduate education in Middlebury, Vermont. Graduate work, interrupted by World War II, was started at MIT and finished at Princeton University.

Dr. Anderson's familiarity with woodland trails extends back to his student days, and has been a continuing interest with him ever since. Last year's hike on the Long Trail was a sentimental journey over the same paths that he travelled many years ago.

HS Teachers Here For In-Service Chemistry Course

From the balmy days of last September through the frigid winds of February, 24 Suffolk science teachers have been making a weekly trek to the Chemistry Department at Brookhaven every Monday night.

At Brookhaven they are joined by a group of four dedicated scientists who will work with the teachers until the middle of May to "brighten up and make as relevant as possible" the teaching of high school chemistry in Suffolk County.

Officially known as the In-Service Institute in Chemistry, the program is funded jointly by the National Science Foundation and the Atomic Energy Commission. A low-budget, high-yield operation, the institute operates on a grant of \$7350 from the N.S.F., in quarters supplied by the Chemistry Department of BNL.

Jerome Hudis, director of the project, has a staff of instructors consisting of Norman Sutin, Ralph Weston and Alfred Wolf. The curriculum has been established from the New York State Syllabus, the high school textbooks, and a syllabus developed at Brookhaven.



An informal atmosphere during lectures does nothing to diminish the intense concentration exhibited by most of the students.

In addition to classroom lectures, there are regular trips to chemistry labs as well as visits to research installations such as the HFBR and the Applied Math Department. Each weekly session lasts approximately three hours, broken by one coffee break at mid-point.

In addition to the standard basics of chemistry, the course delves into such "now" subjects as the environment and pollution. Many problems of current interest in chemistry are explored and discussed.

According to Jerome Hudis, "We try to extend and broaden the teacher's knowledge. We hope to make them better teachers by telling them what is new and exciting in a simple way, and leave it to them to teach this new information to their students. We are not a school of education and we realize that the teachers are the professionals in how to teach."

Areas covered are wide-ranging, including such items as arguments between the US and the Soviet Union about new discoveries, and the methods used for the discovery of new elements. Methods and machines used in current research are discussed and demonstrated both in the chemistry building and in other departments at Brookhaven.

On occasion the lecturer will prevail on another member of the Laboratory staff to explain how his research relates to the work of the Chemistry Department, and to lead a lab trip to such areas as the HFBR, the Applied Mathematics Department or to the Tandem Van de Graaff.

The typical registrant in the course is a young man who has been in teaching for more than five years. He is better trained than the registrants who applied four years ago, and in most cases has a master's

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333 - Fire Emergency
444 - Police Emergency
555 - Medical Emergency

BROOKHAVEN BULLETIN

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NORBERT J. DERNBACH
Public Relations Officer

Cafeteria Menu

Week Ending February 25, 1971

Friday, February 19	
Manhattan Clam Chowder	
Fried Shrimp w/Tartar Sauce & French Fries	.95
Broiled Red Snapper w/1 Veg.	.90
Salisbury Steak w/Onion Sauce & 1 Veg.	.80
Monday, February 22	
Onion Soup w/CROUTONS	
Sloppy Joe on Bun & 1 Veg.	.80
Roast Fresh Ham w/Applesauce & 1 Veg.	.85
Boiled Knackwurst w/Sauerkraut & Mashed Potatoes	.75
Tuesday, February 23	
Puree of Split Pea Soup	
Baked Stuffed Pepper & 1 Veg.	.80
Braised Chicken Drumsticks w/1 Veg.	.80
Indian Lamb Curry on Rice w/Chutney	.85
Wednesday, February 24	
Vegetable Soup	
Baked Tomato Meat Loaf, Brown Gravy & 1 Veg.	.80
Baked Breaded Pork Chop w/Gravy, Applesauce & 1 Veg.	.85
Fried Codfish Cakes w/Spaghetti & Tomato Sauce	.75
Thursday, February 25	
Cream of Mushroom Soup	
Boiled Beef w/Horseradish Cream Sauce & 1 Veg.	.80
Chicken Chow Mein on Steamed Rice w/Crisp Noodles	.75
Beef Ravioli w/Cheese & Tossed Green Salad	.80

Bowling News

Grace Fales

Red League

The Old Timers have moved into first place with the Bio Rads right behind them. John Sucher rolled a 206/210/695 gross series, Tom Prach a 205/685 gross. The 200 club were N. Parrinello 230, J. Berech 227, J. Mallins 211; J. Spira 202, G. Waldbauer 202, and J. Eriksen 201. Note: We have tried to determine past high scratch series for BNL and, to the best of our knowledge, Walt Ream's 700 scratch a couple of weeks ago established an all time high scratch series for BNL.

Green League

Soc-Et-Tuum's still hold a one point lead over the Neutrons. Highs for the night were R. Larsen 236/591 scratch series, J. Scesny 235/611 and E. Sperry 223.

Pink League

A real tight race here, with only 4 points between the first place Bio Boozers and last place Hopefuls. Highs for the night were Grace Fales 172, Pat Fox 171, Marge Stoeckel 167, Ellie Murgatroyd 165, and Anne Kirkpatrick 162.

Attention All Vagabonds!

Are you one of the many BNL employees who has moved one or more times since you joined the staff? If you have moved or plan to do so in the future, please advise the Laboratory of your new address and telephone number to keep our records up to date. Your department secretary should have a supply of change of address forms - just fill out one and leave it with her or stop by the Personnel Office if that's more convenient for you.

New Special at Center

Buffet - \$3.00 Served alternating Wednesdays at the Center 5:00 to 8:00 p.m.

- Fruit Cup
- Chicken in the Basket
- French Fries & Tossed Salad
- Glass of Beer & Coffee

- Antipasto Salad
- Spaghetti with Meatballs or Sausage
- Escarole Salad
- Includes Garlic Bread (Indiv. Loaf)
- Glass of Red Wine



Each Monday night for the past five months a group of Suffolk County Science teachers has been meeting in the Chemistry Department for an in-service course in chemistry. Ralph Weston, one of the institute teachers is lecturing the group and demonstrating some of the described reactions.



Jerome Hudis, Director of the Institute, chats with one of the students before the start of a class. In addition to his administrative work, Hudis also teaches a course in nuclear chemistry.

Hospitality News

The next Hospitality Committee coffee meeting will be held on Monday, February 22, from 10 a.m. until noon in apartment 8-A.

Suzanna Mughabghab has agreed to present a short demonstration of Hatha Yoga, a system of exercising and breathing techniques aimed at figure improvement and vitality.

Everyone is welcome - bring the children.

Arrivals & Departures

Arrivals

None

Departures

Donald S. Gannon PE & P
Teri A. Laterza ADP

Sports Car Club Plans New Rallies

Auto Buffs, you don't have to own a sports car to join the Sports Car Club. Gimmicked events such as our Fun-Khanas (Fun-Canas) put all makes of cars on an even basis with an equal chance of winning a trophy.

A few rallies are in the planning stage but we need new members to put on and participate in our spring/summer schedule. All that's needed is a car with two occupants who want to have a good time and a desire to compete against other couples over a pre-set course on the beautiful roads of Long Island. This pits your skill of observation as you drive along following typed instructions.

BERA participation cards will make you one step closer to getting your jacket or sweater.

Women and men, come on out; get active in your Sports Car Club. Send your name and extension to Stan Anderson, AGS, Building 912.

Chemistry In-Service Institute

(Continued from page 1)

degree. He is well prepared in mathematics and has taken a large amount of chemistry and other science courses.

Not typical are the three women who are registered. Two are nuns teaching in schools in West Islip and Huntington Station. The geographical makeup of the class covers all of Suffolk County from its western border to as far away as Mattituck.

Registrants get a travel allowance and a token amount for textbooks. The instructors are paid a small amount for their time. Both instructors and students can best be described as being a dedicated lot. Of the 24 who originally registered, 23 are still in regular attendance. The only one to drop out did so reluctantly.



Science Youth Day

Diane Catanzaro, from Smithtown High School stands on tip toe to get a close look at a target at the end of a beam tube at the Tandem facility. Diane was one of a group of approximately 150 students who spent a day at Brookhaven as part of the Science Youth Day celebration of the birthday of Thomas Alva Edison.



A group of students with their guide is shown through the Tandem Van de Graaff facility during Science Youth Day. Fifteen similar groups were escorted on tours and given an in-depth look at the facilities and research of the low energy physics program at the Lab's newest accelerator.

There are no exams during the course and no homework is formally assigned. According to one of the instructors, "It is a pleasure to teach this group. They are attentive and alert even though some of the material presented is basic and in the nature of a review."

In the past Brookhaven has had in-service institutes in Biology, Physics, and Mathematics. This year more than 16,000 teachers from all parts of the nation are participating in similar institutes at other colleges and universities. A total of \$4.5 million has been allotted by the National Science Foundation to support this effort. The students pay no tuition or fees, and are granted in-service credits at the discretion of their home school.



Instructor Ralph Weston explains lab procedures to Chris Vigliotta, a chemistry teacher at John F. Kennedy High School in Port Jefferson Station.



Chris Vigliotta instructs a class in chemistry at John F. Kennedy High School. Vigliotta has been teaching for 9 years, and has a MS degree in Natural Sciences from Adelphi. He is married and has four children and lives in Patchogue. —Photos by Humphrey

New York Mets

Baseball Ticket Reservations

Ticket reservations for the 1971 Mets ball games will be accepted at the Recreation Office starting Monday, February 22. As in past years, BERA has eight box seats for each of 50 playing dates including 13 Sundays (2 double headers), 35 nights, 1 holiday (double header), and 1 twi-night (double header). Tickets will be priced at \$4.25 apiece.

In an effort to make the tickets available to as many interested employees as possible, the following sales procedures will be observed:

The Recreation Office will be open for ticket sales and information daily from 9:00 a.m. to 1:00 p.m.

Tickets are intended for the employee and members of his immediate family. It is understood that a single employee might wish to purchase an additional ticket for his or her escort.

Employees may purchase either two or four tickets. Tickets will not be sold to any one employee for more than two games in advance. * An employee who has purchased tickets for two games in advance will be permitted to buy additional tickets only after he has attended at least one of his games. In other words, tickets will not be sold to anyone currently in possession of tickets for two unplayed games.

Tickets will not be returnable or acceptable for refund at the Recreation Office. If a game is rained out or postponed, refund or exchange should be made at the Ticket Office at the ball park.

*If there are tickets which have not been sold one week before game time, they will be sold regardless of the number of tickets already in the purchaser's possession.

Schedule

April		
11	Cincinnati	S
18	Pittsburgh	S..
May		
3	Chicago	N
4	Chicago	N
5	Chicago	N
7	St. Louis	N
9	St. Louis	S..
10	Houston	N
11	Houston	N
21	Atlanta	N
23	Atlanta	S
25	Philadelphia	N
26	Philadelphia	N
June		
8	San Diego	N
9	San Diego	N
11	San Francisco	N
13	San Francisco	S
14	Los Angeles	N
15	Los Angeles	N
18	Philadelphia	N
20	Philadelphia	S..
30	Pittsburgh	N
July		
2	Atlanta	N
4	Atlanta	S
5	Montreal	H..
6	Montreal	N
23	Houston	N
25	Houston	S
26	St. Louis	N
27	St. Louis	N
30	Chicago	N
August		
1	Chicago	S
2	Chicago	N
3	Cincinnati	TWI..
20	San Diego	N
21	San Diego	N
22	San Diego	S
23	San Francisco	N
24	San Francisco	N
29	Los Angeles	N
27	Los Angeles	S
September		
10	Philadelphia	N
11	Philadelphia	N
12	Philadelphia	S
13	Montreal	N
15	Chicago	N
24	Pittsburgh	N
26	Pittsburgh	S
27	St. Louis	N
30	St. Louis	N
S	Sunday	
N	Night	
H	Holiday	
TWI	Twi-Night	
..	Double Header	

Selected Reading

N.Y. Times Mag., February 7, 1971
The "black mayonnaise" at the bottom of Jamaica Bay. M. Harwood. 9-11
The four big fears about nuclear power. R.E. Lapp. 16-17+

Minerva 9, January 1971
Of pride and men of little faith. E. Shils. 1-6
Patterns of evaluation in science: Institutionalisation, structure and functions of the referee system. H. Zuckerman and R.K. Merton. 66-100

New Scientist 49, January 21, 1971
Radiation for fresher food. K. Shea. 108-10
Danielli the prophet. G. Chedd. 124-5
Science in crisis. Lord Bowden. 127
Science in North Vietnam. S. Rose and H. Rose. 134-6

New Scientist 49, January 14, 1971
Wealth in waste. D. Clutterbuck. 58-60
Proc. I.E.E.E. 58, December 1970
Sensory aids for the blind: A challenging problem with lessons for the future. P.W. Nye and J.C. Bliss. 1878-98

The publications referred to above are available at the Research Library, 25 Brookhaven Avenue.

Recycling Panel To Meet

An exploration of the possibilities of recycling some solid wastes, mainly paper, cans and bottles will be made at a meeting at the Brookhaven Center on February 23.

An unofficial Laboratory group, the Brookhaven Moratorium Committee, has broadened the scope of its concerns and one of its first programs will be a discussion which it hopes will appeal to many people who are concerned about conservation and the environment.

Panel members will be Garrett J. Byrnes, member of the Suffolk County Department of Environmental Control; John J. Hennessy, Engineer, Plant Engineering and Planning; and Thomas Plate, an editor of *Newsday*.

The meeting will be held at the Brookhaven Center at 8:30 p.m. on Tuesday, February 23, 1971. All employees, their families and personal friends are invited to attend on this occasion, and will be encouraged to express any ideas they may have as to how a recycling program can be started in our area.



As moderator of the question and answer panel Harvey Wegner fielded questions assisted by Dave Alburger, Michael LeVine, and Paul Rogers. During the guided tours, Chellis Chasman briefs a group on the inner workings of one of the Tandem machines.

—Humphrey

Theatre Group Meeting

The next Theatre Group meeting will be held Tuesday, February 23, at 8:30 p.m. in the Theatre. The program includes a scheduled talk on lighting by Ron Peierls. All are welcome.

Don't Drink The Water!



Heading the international cast are newcomer Bert Farmer (AGS) visiting this year from Harvard Cyclotron Staff, and Rita Straub (Medical), as Walter and Marion Hollander. Walter is a New Jersey caterer, who, mourning the loss of his usual pinochle-playing vacation in Atlantic City, has been dragged to Europe by his wife for "35 days of uninterrupted diarrhea." He has been chased into the sanctuary of the U.S. Embassy in an Iron Curtain country by Communist police (headed by Danish visitor Ove Dietrich, Physics) after unintentionally taking pictures of a restricted area. Bert Farmer, already a sailor, chess player, archaeologist and numismatist, now adds acting to his hobbies, as he suffers with Walter through confinement, foreign food and problems with his wife and impressionable daughter Susan (Darlene Yelon, Physics). He says that as a New Englander he really enjoys Woody Allen's dry and daffy humor.

Rita Straub is a veteran Theatre Group member ("Director, Props, Furniture, Irish Maids and Fat Ladies!") whose talents have a worthy outlet in Marion Hollander, whom Rita describes as a Jewish mother who would make any Portnoy complain. Marion upsets the entire Embassy, taking over the kitchen from the long-suffering French Chef (Robert Comes), waxing all the floors (even those with wall-to-wall carpets) and ironing the Ambassador's Reception Hall, flummoxing everyone from diplomats to secret police with her batty non-sequiturs.

Don't go to Europe this Spring; stay home and see "Don't Drink The Water" March 5, 6, 12, 13.

Classified Advertisements

Autos & Auto Supplies

- 12V GEN - GM type, \$5; 12v Corvair gen, \$7. Bob, Ext. 2450, 289-0357.
- TIRE - 8.25x14, Goodyear Power Cushion, new orig equip. \$15. Carrera, Ext. 2309.
- 64 GTO - Silver grey/blk vinyl top, new tires, new batt, very good cond. 281-5289 after 4 p.m.
- 326 PONTIAC MOTOR - 2 spd auto trans for Pontiac; compl Pontiac GTO rear, 3:08 gears. 281-5289 after 4 p.m.
- 70 MGB - Dk blue, chrome wire wheels, radio, fold down top, tonneau cover, excel cond. \$2500. 234-2451 after 1.
- 66 CHEVY STATION WAGON - Bel Aire, 283 V8, very good cond. LT9-2701 after 5 p.m.
- 66 VALIANT - 4 dr, auto trans, r/h, 6 cyl, pos trans, fine cond, snows, 6 rims, avail in a few wks. Ext. 2930, 929-6459.
- 68 PLYMOUTH "ROAD RUNNER" - R/h, 383 cu in, 4 spd Hurst, chrome reverse wheels, 7 tires on rims, excel cond. 286-1076.
- 66 MG MIDGET CONV - Dk green, r/h. \$800. 286-0785 after 6.
- 66 VW PARTS - 2 rear fenders, 1 rear & front bumper, 2 wheels, 2 hub caps, 1-6.00x15 tire, excel cond. 286-0785 after 6.
- 63 VW - Eng excel, tires very good, body poor, superb for beach buggy. \$100 firm. Jerry, Ext. 7187.
- 68 FORD LTD STATION WAGON - 10 psgr, ps/pb, auto trans, snows, excel cond. \$2150. Ext. 7617.
- 67 COUGAR - V8, very good cond, hdtpr. \$1700. George, Ext. 565.
- 2-15" RIMS - 5 holes. \$5. O. Booker, Ext. 2411.
- 63 XL - 2 dr hdtpr, very clean, 4 new tires, new Die Hard batt, reg, gen, must drive to appreciate, already inspected for yr. \$300. Ext. 2262.

- 59 BUICK SHOP MANUAL - All models. \$5. Ron, Ext. 614.
- 63 CHEVROLET - 2 dr sedan, 6 cyl, std trans, r/h, good running cond. \$50. HR3-9450.
- 66 OLDS STAR FIRE - Needs trans repair, good eng, ps/pb, tires, int, best offer. Ext. 565.
- 69 GTO - Blue/white, blk int, 4 spd, good cond. 878-0207.
- 67 SUNBEAM MINX - 4 cyl, auto trans, r/h, 4 dr, 25 mpg, excel car. \$895 firm. Jake, Ext. 2580.
- 64 CHEVELLE MALIBU - Auto trans, r/h, 2 dr hdtpr, 6 cyl, excel running cond. \$450. Jake, Ext. 2580.
- 2 SNOW TIRES - Mounted on Chevy II rims, 6.50x13, good. \$20. George, Ext. 2231.
- 68 CADILLAC CONV DE VILLE - White/blk leather int, am/fm, full pwr, factory air, low mileage. \$3495. Bob, 234-7152.
- 7.10x15 SNOW TIRES - On Jeep rims. \$20/pr. Ron, Ext. 7821.
- WHEELS - 14" off '62 Pontiac, \$6/pr; 13" wheels, Chevy II size, 5 hole, \$5/pr; 6.95x14 tire, 4 ply, \$4. Bob, Ext. 2450, 289-0357.
- 71 FORD PINTO - Less than 1000 miles. \$2000. 727-7724 after 7 p.m.
- 65 RAMBLER - 2 dr sedan, blue, auto trans, new batt, good cond, avail Mar 6. \$350. Gesi, Ext. 7606, 523 after 6.
- 70 FIAT - 124 Spider, 5 spd, conv, 7,000 mi, still on warranty, perf cond. \$2800. Firm. Ray, Ext. 476, 878-1975 after 6.

Boats & Marine Supplies

- 18' CHRIS CRAFT CABIN CRUISER - Sleeps 2A + 2C, ice box, sink, 50 hp Mercury outboard, controls, 20 gal built-in tanks, full canvas. \$950. Bill, JU1-5726.
- 19' OPEN SEA SKIFF PEN YAN 1960 - '67 Johnson 80 hp electromatic & Holsclaw trailer, new 2-12 gal built-in CG approved gas tanks. \$1500. 281-8087 after 6 p.m.
- 16' HOME MADE INBOARD - W/cabin, 18 hp Universal elec start, excel cond, boat in good cond. \$800. 281-5633 after 5 p.m.

- OUTBOARD MOTOR - English "40 plus" Sea Gull, approx 15 hrs use, 1967, 2.5 hp. Ext. 2420.
- 26' JERSEY SKIFF - 280 hp Barr Marine V8, copper gas tanks, head, fresh water, sink, auto bilge pump, outriggers. \$850. 475-1997 after 6.
- 17' THISTLE SAILBOAT - Wood hull, fiberglass covered bottom, 2 sets dacron sails, trailer incl, excel cond. \$750. 472-1833.
- CAPE DORY - 10' sailing model, compl w/sails, trailer, equipment, etc. \$500. Nancy, 929-6378.

Miscellaneous

- 1 ELEC MOTOR - Delco 1/2 hp, 1725 rpm. Asking \$6. Izzy, Ext. 2921.
- COMPL HOT AIR HEAT - Air purifer, humidifier & central air cond system. Best offer over \$1000. 588-5082.
- ELEC ICE CRUSHER - \$10; Farberware open hearth broiler rotisserie, \$25. Barbara, 286-8633.
- CHAIN SAW - Sears gasoline, 14" blade, good cond, just tuned up, only used 1 season. \$75. 281-8622 eves.
- 70 TRAVEL TRAILER - 20', fully self contained, tandem wheels, sleeps 8, excel cond. \$3200. 281-5633 after 5 p.m.
- WALL OF MIRRORS - 24 mirrors plus pieces, will cover 13 1/2'x8' wall, bevelled edges, good quality thick glass. Asking \$125. Bob, Ext. 7309.
- EMERSON - 3 spd hi fidelity record player, radio, wood console, 26"hx23 1/2"wx16"d. \$20. C. Heinrich, 744-6211.
- BUILT-IN OVEN - & fold-back burner units, elec, best offer. 472-1356 after 6 p.m.
- OLD CHINA CLOSET - Excel cond. \$35. 472-1356 after 6 p.m.
- ANTIQUUE - Victor crank-up victrola, excel physical & mech cond. \$35. 472-1356 after 6.
- CUSTOM DRAPES - 95"x11' lined antique satin with black fringe. Complete with traverse rods. Call Jack, Ext. 2815.
- 2 PC COLONIAL LIV RM SET - 286-8718 after 6.
- ANTIQUUE PUMP ORGAN - Dated 1800's, collector's item, must see to appreciate, best offer. Ext. 565.
- FIREWOOD - LI hardwoods, seasoned, guaranteed to burn, pickup or deliver. Bob. 732-9517.
- SURFBOARD - Good for beginner. \$25. Ext. 639.
- STD POODLES - AKC, 5 mos, blk, 1 male, 2 females. Debbie, Ext. 7215 between 1 & 5.
- PORTABLE RECORD PLAYER - 4 spd auto changer by Voice of Music, 3 speakers. \$15. John, Ext. 2149/307.
- SKIS - Children's 4', binding & poles, \$6; boot lace, size 13, \$6; boot buckle, size 2, \$9. Ext. 7353, 587-9372.
- SKI BOOT - Men's size 13, lace, good cond. \$15. Ext. 7353, 587-9372.
- BABY GUINEA PIGS - Male, female, short & long hair. \$3 ea. Hodor, 751-0182.
- 6' ELDORADO TRUCK CAMPER - Excel cond, louver windows & door, roof vent. 878-0174 after 5.
- 13'-1968 WHEEL TENT TRAILER - Sleeps 6, hdtpr, toilet, self contained, sink, 3 burner stove. \$975. Bill, JU1-5726.
- OAK FIREPLACE LOGS - Cut to order, delivered & stacked, well seasoned. Ken, 281-8622 eves.
- VM TAPE RECORDER - Stereo, detachable speakers, 4 channel & 3 spd, access. \$135. H. Lobe, Ext. 2314.
- PLAYPEN - Excel cond, \$18; wood bassinet w/pad & skirt, excel cond, \$15. 281-3655.
- 5 PC DINETTE SET - China closet & matching planter incl, all formica, excel cond. \$90. 585-2391.
- PICKUP CAMPER - 10 1/2' Revella, 6 berths, hot water, shower, heater, excel cond. \$1700. 286-0798.
- GREAT PYRENEES PUPPY - Imposing guard dog, gentle family pet, AKC, champion sire, female. \$200. R. Connolly, Ext. 662.
- PECKY CEDAR - 1"hx6"x12", 156 sq ft. \$15. Ron, Ext. 7821.
- HOLTON TRUMPET - W/carrying case & stand, A1 cond. \$150 new, asking \$90. Luccioni, Ext. 560, 732-3762.
- REDWOOD FINISHED PICNIC SET - W/4 benches, 2 yrs old. \$20. Luccioni, Ext. 560, 732-3762.
- LITE BAR - For movie camera, w/carrying case, \$10; 2 camping stoves, \$7/pr; 2 tennis racquets, \$7/pr; everything in good cond. Luccioni, Ext. 560, 732-3762.
- ELEC MOTOR - 1/2 hp, \$9; 30 old phonograph records, \$8; foreign coins. O. Booker, Ext. 2411.
- HEATHKIT - Model IG-102 RF signal gen, new cond, w/access; NRI model W vacuum tube voltmeter, w/high voltage probe, almost new; instruction sheets for both. \$30 ea, or both/\$55. G.F. Buhl, 744-2506.
- MAYTAG WRINGER WASHER - W/alum tub, \$25; white enamel dbl sink (to set in counter), \$10; Channelmaster antenna, \$15. Ext. 586, 289-3114.
- ROGERS BASE DRUM - 22", sparkling silver, some access. \$25. 281-8087 after 6 p.m.
- STEREO CASSETTE SYSTEM - Sony model TC-120, Portable, compl w/stereo microphone, 2 external speakers, nickel-cadmium batt pack & cassette. \$150. Hans, Ext. 2585, 281-5563.
- 2 CHILDREN'S SLEIGHS - 32", \$3 ea; 1 lg rocking horse, \$5; ice skates, size 3 (1 boy's & 1 girl's), \$4 ea; all good cond. 941-9442.
- HOCKEY SKATES - Boy's size 5, like new. \$5. 727-3887.
- DIN RM SET - Rock maple, colonial reproductions (Courtade), table, 6 chairs, buffet w/hutch top. \$250. 928-1007.

- BOY'S 26" BICYCLE - \$10. Ext. 565.
- NEW PORTABLE RADIO - Batt & elec, am/fm, Sound-view, \$25; heavy duty hydraulic door check, \$10. George, Ext. 565.
- GE WASHING MACHINE - Filter Flow, coppertone, about 4 yrs old, wash load 14 lbs. \$100. George, Ext. 565.
- DBL RUNNER SHOE SKATES - White, little girl's size 12. \$4. Mrs. Sweda, 475-7227.
- WHITE WOOL VARSITY SWEATER - Man's lg. \$8. Mrs. Sweda, 475-7227.
- MAYTAG AUTO CLOTHES WASHER - Old but runs well, best offer. 744-8449 after 5 p.m.
- SKI PARKA - Down filled, woman's small, blk. Orig \$65, sell \$30. Ext. 7219.
- MEN'S B-4 BAG - \$10. Ext. 7219.
- BILTRITE - Removable hard body baby carriage, excel cond, \$75 when new, best offer; baby car bed, good cond, best offer. Irwin, Ext. 2168.

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 Rent

FURN APT - 4 rms, priv entran, adults/business couple only, no pets, require 1 mo security & 1 mo rent. 475-1571 after 6 p.m.

For Sale

- 1 ACRE + - Fully wooded, in Wading River. Ron, Ext. 7821.
- 4 BEDRM COLONIAL - 2 st house, part air cond, din rm, den, 2 1/2 baths, 2 garage, Shoreham. 744-6657.
- STONY BROOK - 4 bedrm cape, 2 baths, din rm, fireplace, wooded, garage, walk SUNY. 751-8776.

Wanted

- RIDE FOR STUDENT - From Bellport Middle School (Kreamer St) to Washington Ave, Patchogue at 2 p.m. daily. A. Daly, Ext. 2532, 475-2627 after 6.
- VOICES - For Mor Chor Soc performance of Bach's Creation, 1st rehearsal Mon 2/22, 8 p.m., Ctr. Mor. H.S.
- ASSORTED WTS - Or bar bell set, reasonable. Ext. 565.
- TREE REMOVAL - Will do chain saw, tree removal, grounds maint, painting, etc. Bob, 732-9517.
- WILL SHARPEN ICE SKATES - T. Lehecka, LT9-2470.
- HOUSE - Responsible young couple (no children) looking to sublet house of Lab person who will be away for the next yr beginning June 1. Ext. 513/7362.
- BABYSITTING - Mother will babysit in own home, Riverhead area. O. Booker, Ext. 2411.
- BAKERS - For 33 doz cookies needed for recycling program at Center Feb 23. Generous people call C. Hull, Ext. 7421.
- TAXPAYERS - Fed & State income tax forms prepared in the privacy of your home or mine. 475-8330.
- TYPEWRITER - Good cond, reasonable. Jane, Ext. 2357.
- 20" GIRL'S BIKE - & 4-6 matching chairs in good cond. Luther, Ext. 7285, 744-8928.
- USED HOT DOG VENDING CART - W/soda cooling compartment, \$350-\$400 range. George, Ext. 639.

Carpools

DRIVER WANTED - To compl carpool from Patchogue. Bob, Ext. 2265.

Lost & Found

LOST - Jan 22 in men's locker rm or gym, old gold watch, gold band, J.J.M. on back, was grandfather's. 286-0785.

Brookhaven Center

**Western Style Menu
Tuesday and Thursday
5 to 8 p.m.
\$3 Per Person**
Shrimp Cocktail
8 oz. Charcoal Broiled Steak
Tossed Green Salad
Choice of Dressing
Blue Cheese
French or Russian
Baked Potato or French Fries
Beverage or Cold Glass of Tap Beer
Rolls and Butter

The dining room at the Brookhaven Center serves a regular a la carte menu on Sunday and Monday evenings. The Center is closed except for bar and sandwich service on Friday and Saturday evenings.

Classified Ad Policy

Deadline is 12 noon Friday for publication the following week.

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

For Sale: Auto & Auto Supplies Wanted
 For Sale: Boats & Marine Supplies Carpools
 For Sale: Miscellaneous Lost & Found

Check the heading applying to your ad. Print or type your ad in 20 words or less.

Ads concerning property for sale or rent cannot be accepted on this form. Special Real Estate Ad forms are available at the Office of the Brookhaven Bulletin, Room 112, 40 Brookhaven Avenue.

(Name & Phone No. To Call)

Employee's Signature..... Life No..... Ext.....

Send to: Brookhaven Bulletin, 40 Brookhaven Avenue