



BROOKHAVEN BULLETIN

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Isabelle — A Crossroad For Physics

Fred Mills, Chairman of the Accelerator Department, will deliver the 110th Brookhaven Lecture at Berkner Hall at 8 p.m. on April 19. The title of Dr. Mill's talk will be, "Isabelle - A Crossroad for Physics."

High energy physics is perhaps the most basic of all sciences in that it deals with the forces between the particles which comprise matter at a very elementary level. We characterize these forces as being of four different types: first, the familiar gravitational force of our daily existence; second, the electromagnetic forces which are responsible for the structure of atoms and molecules; third, the strong force which is responsible for the structure of nuclei of atoms, and finally, the weak interaction which is responsible for instability of nuclei, as in Beta decay and stellar evolution.

The last 25 years have witnessed an explosion in our knowledge of the strong forces. Research has given rise to a rich spectroscopy, first of excited states in nuclei and second, excited states of more fundamental nuclear matter. This increase in knowledge has been obtained at the expense of evermore expensive research de-



Fred Mills

vices to perform the necessary experiments in that one of the most important parameters in experiments, namely, the available energy, is increased only with high cost.

Present knowledge of the strong interactions indicates that we are approaching a statistical understanding of the interaction without underlying knowledge of the reasons for this behavior. Present interest in the field is centering on a possible combined understanding of the fundamental forces in the sense of a unification between them, with perhaps some massive and yet undiscovered particles being responsible for the forces.

The ISABELLE project is an attempt to confront this possibility in an economical way by utilizing the technique of colliding beams to obtain very high usable energies in interactions between particles. High energy physics is a field which has always employed strong innovation to achieve its goals. ISABELLE is in the best keeping of this tradition. Superconducting magnets would be used to reduce the cost and improve the performance of the storage devices, while

Gotcha's Got It



Mixed League champions pose for their picture after receiving awards. They are: Front row, left to right - James Price, Dermott Cullen and Odelli Ozer. Rear, left to right - Marvin Drake, Marlene Cowan, Helen Connell, Pat Price, and Sol Pearlstein.

the most advanced orbit theory is used to design the device so as to optimize its utility at attacking the above goals.

F.E. Mills attended undergraduate school at the University of Illinois where he graduated summa cum laude in Physics. He received his Ph.D. in Physics from the University of Illinois in 1955 under Professor Alfred O. Hanson. Following this, he was a Research Associate at Cornell University where he helped bring into operation the 1.2 GeV electron synchrotron.

He then joined the research group at the Midwestern Universities Research Association (MURA) and participated in the development of techniques for high intensity accelerators and colliding beams. He developed and tested the original methods for multi-turn injection into accelerators, extraction of fast beams from accelerators and measurement and control of instabilities of beams in accelerators.

In 1960-61, Dr. Mills was a Visiting Scientist at Centre des Etudes Nucleaires de Saclay where he developed methods for designing strong focussing magnetic field configurations suitable for electron-positron storage systems. These ideas were incorporated in the Orsay storage ring ACO, and subsequent storage rings. Returning to MURA, he supervised the design and construction of the 240 MeV electron storage ring which has been used extensively as a source of synchrotron radiation for experiments in solid state physics, atomic physics and chemistry. He was Director of MURA from 1965 to 1967.

When the MURA Laboratory was incorporated in the University of Wisconsin as the Physical Sciences Laboratory, Dr. Mills served as Director. He was Professor of Physics at the University of Wisconsin from 1966 to 1970. In 1970 he joined the staff at Brookhaven National Laboratory as Chairman of the Accelerator Department. His major research areas have been in energy loss of particles, photo-production

Volleyball Champions

One half of the Volleyball Trophies were given out last week at a special evening for all the participants at the Recreation Building.

The Gotcha's, captained by Helen Connell captured the mixed league crown and were given their trophies by Bob Fuchs, Awards Chairman and George Sabine.

The Men's League Champions will be determined as soon as their delayed playoff matches are completed. At this writing the big games are scheduled for Monday, April 17 at 5:30 p.m. The feature pits the Cool Tools against the Spikers. Come out and cheer them on.

Flash - Nets Tickets

At press time arrangements were 75% completed to offer employees reduced price tickets to the NY Nets vs Virginia Squires ABA Playoff games at the Nassau Coliseum. Hopefully the Recreation Office, Ext. 391, will have the tickets and more specific information by today (Thurs.) or tomorrow.

Sweater - BERA's Second Award

The BERA Awards Committee has begun a new policy for those persons who have earned more than three participation award cards. When you collect three cards which are stamped "Second Award," present them to the Recreation Office for your award. Currently the second award is a V-Neck Pullover Sweater in gold, backed with soft fleece and washable.

of mesons, accelerators, cosmic ray physics and plasma physics.

As a graduate student, Mills held University, AEC and G.E. fellowships. He is a member of Phi Beta Kappa and Sigma Xi. He is married to Joyanne Blount and is the father of three children, Geoffrey, Deborah and Daniel. He resides in East Patchogue.

NSF Funds For Semester Program

The National Science Foundation has awarded a grant of \$13,220 for partial support of the Brookhaven Semester Program in the academic year 1972-73.

This award will be augmented by a slightly larger amount from the AEC's Division of Nuclear Education and Training to provide stipends and other expenses for 17 students at Brookhaven. Students are selected from predominately black colleges and spend a semester at Brookhaven, where they participate in research projects under the supervision of BNL scientists.

The program will be directed by Glenn A. Price, Office of Scientific Personnel; LeGrand Newman, Personnel, and Professor Amos Kennedy of Grambling College will be associate directors.

The World Of BNL

Meyer Steinberg will be the guest this week on the World of Brookhaven National Laboratory in part two of a three-part series devoted to Application of the Concrete Polymer Process.

The World of Brookhaven National Laboratory is broadcast every Sunday over WBLI-FM (Patchogue 106.1 on the dial) at 8:15 a.m., and over WGLI-AM (Babylon 1290 on the dial) at 11:15 p.m.

French Club of BNL

The next meeting of the French Club will feature a group reading (in French) of Jean Giraudoux' well-known play "La Folle de Chaillot." The French Club has held several such readings in the past, and they have proved stimulating and entertaining to all present. Everyone is welcome to attend and participate; admission is \$1.50 for non-members. A few copies of the play are available and may be obtained by calling Clemens Auerbach at Ext. 7578.

Day: Monday, April 17
Time: 8:00 p.m.
Place: Room C, Cafeteria

BNL Rifle-Pistol Club

The 1972 Outdoor Pistol Match season commences on April 18th. Coaching and practice to all members every Tuesday evening April through October.

"Smile—Say Cheese"

The Hospitality Committee is pleased to announce that the spring tea will be held on Wednesday, May 10, from 3 to 6 p.m. at the Brookhaven Center.

This year it will be a cheese and bread tasting party. If you would like to donate a specialty or favorite of yours, please contact June Adams (744-5448), Norma Chernick (GR 5-0168) or Dorte Lehmann (extension 503).

Hospitality News

This month's morning coffee is Monday, April 24, from 10 a.m. to noon, in apartment 8A here on site.

Everyone is welcome - bring the children.

Tune In!

#300 - Since this is election time for BERA members and we have been asked to vote on candidates for membership to BERA Board, I would like to voice my concern regarding the BERA organization.

I feel that in speaking to most employees in BNL, they feel, as I do, that it would be appropriate for BERA to print, periodically (quarterly, semi-annually, annually), in the Brookhaven Bulletin, an accounting of their financial status, i.e., BERA's income and expenses, as well as how these monies are spent. I, personally, being a contributor to BERA's finances, would like an accounting.

Secondly, I would like to see more of BERA's monies spent on employees in general rather than for individual groups such as theatre groups, concerts, sporting events, etc. I would like to see monies spent for events such as BNL picnics and BNL holiday parties which would benefit a greater majority of employees.

Thirdly, I would like a public printing (as is done for elected congressmen) of each BERA member's voting record, the issues voted on and how each member voted. Also, it would be appropriate for each candidate running for office to give the employees some of his thinking on issues before BERA. As it is now, we are merely voting for a name, like a popularity contest, and not for a person's ability or his thinking on various issues.

Answer: The BERA Board discussed your interesting "Tune In" at their last monthly meeting. They have asked me to pass on their comments.

Finances - The Board, based on available funds, prepares an annual itemized budget (reproduced below) which is submitted to Laboratory management for approval. The Board's Treasurer prepares detailed quarterly financial statements and, in addition, submits brief reports of finances at each of the regular monthly Board meetings. All Board members have access to this information and are happy to make it available to any interested employee. The statements are also available for inspection at the Recreation Office.

The Board feels that even though information on its finances is readily available, more publicity should be given to the availability of these records. This will be done. They have also agreed that periodically publishing certain financial information in the *Brookhaven Bulletin* might be of interest and will institute such a system.

Activities - It has always been BERA's aim to promote, with available funds and based on stated employee interest, a wide variety of activities. For example, for seven years BERA sponsored a Lab-wide picnic. A marked decline in employee interest in this event and rising costs led to the conclusion that BERA funds should be put to more practical, lasting use for all employees in such on-site facilities as the swimming pool, recreation building, gymnasium and recreation park.

Voting Record - The Association has an elected Secretary who maintains detailed minutes of the Board's official meetings. These minutes state the issues discussed and record the members' voting records. Again, any Board member will be happy to make them available to interested employees, or they may be seen at the Recreation Office. The Board feels this system is adequate.

In closing, the Board has asked me to thank you for your interest in the Association and has

suggested you contact one of their members for any further information you desire. Current Board members are: George Oldham, President; Lynn Kalbach, Secretary; Bill Benedict, Treasurer; Charlie Flood; Paul Kelly; Les Lawrence; and Pat Towey.

—Peter Paige, Assistant Personnel Manager

BERA Budget - Fiscal Year 1971-72

	Budgeted Expenditures	Estimated Income
Commissions & Sales		
Gas Station	—	\$6,000
Film	—	5,200
Vending Machines	—	5,000
Soft Drinks	—	3,100
Telephone	—	1,000
Group Sales	—	300
Sub-Total		\$20,600
Income Activities		
Dances	\$5,200	\$6,000
Special Event(s)	5,000	5,000
Concerts	4,755	3,000
Ticket Services	4,800	4,670
Theater Group	2,225	2,400
Movies	1,230	1,230
French Club	685	685
Sub-Total	\$23,895	\$22,985
Non-Income Activities (Clubs, Leagues)		
Art Exhibits	\$ 650	
Softball	550	
Cooking Exchange	425	
Bowling	325	
Rifle-Pistol	245	
Mountain Climbing	130	
Basketball	125	
Golf	110	
Family Camping	100	
Volleyball	60	
Soccer	60	
Radio	30	
Football	25	
Sub-Total	\$2,835	
Overhead (Salaries)		
Pool Attendants	\$7,200	\$8,300
Clerical	5,250	—
Recreation Attendants	3,365	950
Officials	1,200	—
Treasurer	530	—
Sub-Total	\$17,545	\$9,250
Facilities & Equipment		
Awards	\$2,050	\$ 700
New Activities	1,990	—
Misc. Overhead	300	—
Sub-Total	\$ 6,260	\$ 700
Grand Totals	\$50,535	\$53,535

Cooking Exchange Notice

There will be no Cooking Exchange meeting on April 20. The next regular session is scheduled for Thursday, May 4, when the cooking demonstrations will be conducted by children.

Here and There

Claire Lamberti

Dr. Said F. Mughabghab (DAS) presented a seminar on March 2, 1972 at Brown University. The title was "Evidence for Valence Neutron Transitions in Radiative Neutron Capture in the 3S and 3P Giant Resonances."

E.B. Forsyth (Accelerator) gave an invited paper at the IEEE International Convention in NYC on March 21st. It was entitled "The Brookhaven Study of Superconducting Power Transmission Cables." The session was entitled "Application of Superconducting Materials in the Electric Power Industry."

Stony Brook Events

A weekend of international cultural activities, Spring Festival/Alumni Weekend and a weekend-long presentation by Puerto Rican students highlight events open to the public this week at the State University of New York at Stony Brook. Unless otherwise specified, events listed are open to the public at no charge.

Friday, April 14

"Boricua," the Indian name for Puerto Rico, is the title of a weekend of events organized by Puerto Rican students at Stony Brook. The program begins at 3 p.m. with a talk by Juan Mari-Bras, President of the Socialist Party of Puerto Rico, in the Stony Brook Union Auditorium. His talk will be followed by poetry readings and protest songs by Roy Brown and other singers. Tickets for the entire weekend's events will be available at the door.

The Orchestra Colon and singer Johnny Colon, a well-known Latin singer, will entertain at 9 p.m. in Roth Cafeteria. Tickets will be sold at the door. A surprise band will also appear.

Saturday, April 15

International Weekend, an annual event organized by international students at Stony Brook, features a host of activities centering this year in the Stage XII Dormitory area, home of Stony Brook's International Residential College. Open from 10 a.m. to 6:30 p.m., events feature cultural exhibitions from other nations documentary films of countries around the world, and a food fair of international dishes. Free except for food.

An art exhibition of ancient Taino Indian artifacts, on loan from New York's Museum of Natural History, plus works by contemporary Puerto Rican artists, will be on display in the Stony Brook Union Gallery from 2 p.m. to 8 p.m.

Sunday, April 16

International Weekend, organized by students, continues with cultural exhibitions from 10 a.m. to 6:30 p.m. in the Stage XII Dormitory commons area, and a program of entertainment beginning at 7:30 p.m. in the Earth and Space Sciences Building theater. Program includes mime show, folk singers, international folk dancers, a fashion show, kung-fu (karate) demonstration, and poetry readings.

Puerto Rican weekend continues with a theater group presenting "La Carreta" (The Oxcart), a play by Puerto Rican playwright Rene Marquez, at 3 p.m. in the Stony Brook Union Theater, followed by the film, "Educating the People" by the Young Lord's Party.

Tuesday, April 18

Dr. Gordon Fleming of Penn State University speaks on "The Atomicity of Process - The Statistical Interpretation of the Second Law: Planck's Conversion of a Classical to a Statistical Thermodynamics," in a Philosophy Department seminar on the history and philosophy of science, at 8 p.m. in Room 249 of the Physics Building.

Social critic Marya Mannes, poet June Jordan, novelist Sue Kaufman, writer Jane Howard and film critic Ann Birstein participate in "A Conversation with Women Writers" at 8:15 p.m. in Room 100 of the Lecture Center, in an unstructured discussion sponsored by the Center for Contemporary Arts and Letters.

Elizabeth Henderson of Yale University will show Sergei Eisenstein's classic "Potemkin" and lecture on "Russian Films of the 20's at 8 p.m. in Room 103 of the Lecture Center.

Thursday, April 20

Carl Olson will conduct in a recital for his Master of Music degree at 8:30 p.m. in the Stony Brook Union Auditorium.

Mario Bellochio's film, "China is Near" will be shown by the Center for Continuing Education at 8:30 p.m. in Room 100 of the Lecture Center.

Acclaimed Swedish actress Viveca Lindfors will discuss her art and show a film, "An Actor Works," showing her preparation for a role in Euripides' "The Trojan Women," at 7:45 p.m. in Room 100 of the Lecture Center.

Patricia Reynolds, director of the nation's first Center for Street Theater (at the University of Hartford), will present a slide-illustrated lecture on street theater around the world, at 4 p.m. in the Stony Brook Union.

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Published Weekly for the Employees of Brookhaven National Laboratory

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NORBERT J. DERNBACH
Public Relations Officer

Letters To The Editor

Dear Sir:

While it is obvious that, in general, the roadsides in Brookhaven Town are quickly becoming dumps because of incessant littering, it may not yet be obvious that conditions at the Lab regarding litter are steadily worsening.

Five years ago the laboratory property was quite free of litter, and no matter where one walked, he had the feeling that, at last here, he could be free of the ever present beer cans, paper cups, etc., so prevalent outside. But conditions have noticeably deteriorated in these five years to the point where empty wine bottles can be seen laying outside certain buildings - a scene so reminiscent of New York City that it is shocking!

It is truly ironic that in this, ostensibly, ecology oriented age, the exact opposite of what so many of us strive for, is occurring.

That littering occurs here, on site, in a more controlled situation than that outside the gates, is bad enough, but the fact that it is not cleaned up in a reasonable time is really unforgivable. Money can't be the problem.

I am quite sure that a visitor to CERN in Geneva would find no litter there. Have we less pride in the appearance of BNL?

—For a cleaner Lab

Selected Reading

New Scientist 53, March 30, 1972
Eat less, live longer. A. Comfort. 689
Altered states of consciousness. A. Weil. 696-8

New Scientist 53, March 16, 1972
Gliding time comes to Britain. B. Hammond. 602-3

Sci. Am. 226, April 1972
Environmental control in the beehive. R.A. Morse. 92-8

Cafeteria Menu

Week Ending April 20, 1972

Friday, April 14	
Manhattan Clam Chowder	
Roast Beef w/Brown Gravy & 1 Veg.	.85
Fish 'n Chips w/Tartar Sauce	.85
Poached Haddock w/Creole Sauce & 1 Veg.	.90
Monday, April 17	
Chicken Soup	
Barbequed Roast Pork & 1 Veg.	.90
Jumbo Knackwurst & Sauerkraut w/Mashed Potato	.80
Macaroni & Chopped Beef, Spanish Style & 1 Veg.	.85
Tuesday, April 18	
Puree of Split Pea Soup	
Beefsteak & Vegetable Pie w/Bisquit Crust	.99
Southern Fried Chicken & 1 Veg.	.85
Stuffed Cabbage & 1 Veg.	.85
Wednesday, April 19	
Scotch Broth	
Beef Hash w/Chili Sauce	.80
Broiled Link Sausages w/Scrambled Eggs & Fr. Fr.	.90
Seafood Au Gratin Casserole	.95
Thursday, April 20	
Navy Bean Soup	
Beef Chop Suey	.90
Sliced London Broil & 1 Veg.	.95
Cheese Omelet w/Bacon Strips & Fr. Fr.	.80

Arrivals & Departures

Arrivals

Maureen T. Asendorf Medical
Jean A. Laissue Medical
Lydia Schlichteroll Staff Svcs.

Departures

George R. Hodge Physics
Elaine Taylor Physics
Mary C. Toole Medical

Peter Augustitis of the Accelerator Dept., who had been employed at the Laboratory since 1-19-48, died on 4-8-72.

Special Event Features Concert By Duke Ellington

Reserve the 13th of June! That's the night that Duke Ellington and his Orchestra will be at Brookhaven in the Theater. All arrangements for this concert on June 13 have been completed by BERA's Special Events Committee.

Tickets will go on sale April 13 at the Recreation Office in the Personnel Department building, 58 Brookhaven Avenue to employees, members of their family and guests at \$5.00. Or April 25 tickets will be made available to the general public at \$6.00 per person. All seats are reserved! Be an Early Bird and be eligible to win a free ticket. Two of the first 100 purchasers will each win a free ticket to the concert.

Duke Ellington occupies a unique place in American music. No other name today equals his in prestige and magic. The Complete Genius, as discerning critics through the world have proclaimed, he expresses himself with a broad palette and an unmistakably distinguished touch. In almost every imaginable approach to the presentation of American music and its attendant arts, he is far out in front of the field - beyond overtaking.

A composer par excellence, he has continuously authored topnotch songs like "Mood Indigo," "Sophisticated Lady," "Solitude" and "Satin Doll," as well as such enduring instrumentals as "In a Mellotone," "C Jam Blues," "Creole Love Call" and "Black and Tan Fantasy." He has written scores for musical shows ("Jump for Joy," "Beggar's Holiday"), for movies ("Anatomy of a Murder," "Paris Blues"), and for TV ("Asphalt Jungle"). His longer works ("Black, Brown and Beige," "Night Creature," etc.) have greatly extended the musical horizons of his world, his music now being performed by piano soloists, singers, trics and groups of all sizes up to, and including, the world's greatest symphony orchestras.

His cool wit and highly charged personality evoke the admiration of many great performers. Urbane and suave, he is the master of a sagacious humor and a vital bonhomie that make all audiences captive.

The Ellington talent burgeons without cease, without regard to time and place, and far from the flow of inspiration slackening with the years as is usually the case, maturity, rich experience and the mounting crescendo of world-wide acclaim have served to heighten his, resulting in an amazing gamut of musical production.

Truly a man of parts, the musical giant of our times, Duke Ellington is inimitable, and seemingly inexhaustible.

Be an Early Bird - you can pick out the best seats and one may be free. Save the 13th.

Swimming Pool Schedule

Open Weekdays Monday through Friday 12:00 noon - 1:30 p.m. Employees Only (Must have Season Pass).

5:00 p.m. - 9:30 p.m.
Employees/Family/Visitors.

Rates

Season Pass	
Employee or Family Member	\$ 5.00
Family (Same Household)	\$10.00
Daily Single Admission	
Employee or Family Member	50¢
Visitor	75¢

(No Single Admissions 12 noon - 1:30 p.m.)



Duke Ellington, who, with his band will play a concert at Brookhaven Lab on June 13.

Bowling News

Grace Fales

The big news this week was created by Marge Stoeckel of the Pinsplitters. Marge bowled a 227 scratch game and 565 scratch series. She also has won a 666 BERA award. Who said "Women are the weaker sex." That's a lot of bowling from anyone's point of view, and the entire league extends hearty congratulations to Marge for her accomplishment! The Hopfuls took all seven points this week and continue to maintain a good grip on first place. The battle for second place is still a good contest between the Alley Oops and Spares. Mary Austin bowled 198 and deserves Honorable Mention this week.

Red League

Highs for the night were J. Ferranti 214/236/601 series for the Phoubars, B. McGovern 204 for the Old Timers, R. Skelton 223, W. Kristiansen 205, R. Larsen 215/609 series for the Neutrons, and D. Stelmashuk 204 for the Bio Rads.

Green League

High series for the night was C. Bohlenblusch 233/189/606 series, which resulted in a club award. 200's were L. Jacobson 202 and W. Kollmer 216.

Black "n" Blue Mixed League

With Lou Caisey's 224/192/588, it's almost a sure thing that the Caisey Cats will be the uncontested champs of this league. Bob Brown rolled a 507 series, Arnie Kreisberg a 181/500, Rick Murgatroyd a 201 and Ralph Taylor a 189.

Kit D'Ambrosio almost had a triplicate but a 169 got sandwiched between her two 163's for a 495 series. Helen Caisey gave Lou a little help with a 179/487.

Volunteers are needed to assist in the arrangements for the Bowling Awards night

BERA Golf

The 1972 season is here, all previous members have already received their applications and are anticipating the new season. We are now welcoming new members for both the individual and team competition. Everybody is welcome. Membership is open to employees and their spouse. New players come out and improve your game, better players come out for some good competition. We guarantee an exciting season.

May 1 is the starting date. To sign up or to obtain further information contact Jim Conway at Ext. 7559. Applications are available from Jim Conway and at the Recreation Office.

Walt Disney - Discount Cards At The Recreation Office 9:00 a.m. - 1:00 p.m.

Arrangements have been made to provide special discounts to Laboratory employees and their families at Walt Disney World in Florida as well as Disneyland in California.

We now have "Magic Kingdom" Membership Cards which you may pick up (no cost) which will entitle you to discounts which range from 20% to 50% on rides, transportation system, park admissions and hotel accommodations (Florida only).

Specific price information is posted at the Recreation Office.

and score keepers for the BNL Championship matches to be held on Saturday, May 6. Please call George Sabine X391, or Lou Jacobsen X477.

Classified Advertisements

Positions Available

The Brookhaven Bulletin each week will list job openings which have come to our attention and may be of interest to Lab employees. Each listing will be repeated (if still available) only once.

CARPENTER - (1) Plant Engineering & Planning.

SCANNER I - Evening Shift. Physics Department.

Deadline: April 24, 1972.

For further information, please contact Employment Supervisor, Ext. 2109 or 2513.

Auto & Auto Supplies

VW WHEELS - \$2.50 ea. 581-0932 after 6.

64 OLDS 88 - 2 dr sedan, ps/pb, power windows & seats, new batt & tires. \$450. R.C. Twilliger, Ext. 7575.

63 OLDS 88 - 2 dr ht, auto, ps/pb, good cond. \$350. 588-3792 after 5.

70 MONTEGO - V8, 4 dr sedan, vinyl roof, ps, beautiful cond, only 10,000 mi. 588-6417 after 6.

70 MAVERICK - Low mi, snows, tape deck. Rolf, 744-2083.

67 CAMARO - 327 V8, auto, ps, r/h, excel cond, car must be seen. 732-4658.

PIRELLI TIRES - 2 - 6.70x15. \$25 pr. R. Gwathney, Ext. 411.

67 MGB - Green, excel cond, radial tires, fm radio. Asking \$1100. 286-9286 after 6.

70 OPEL CADET - Sta wgn, lime, r/h, lg eng, excel cond. \$500 & take over payments or \$1100. Dan, 589-9624.

68 VW - Auto stick sft, new tires, red bug. \$995. 585-4038.

66 HONDA SUPERHAWK - 305 cc, 10,000 mi, extra chrome, excel cond. \$325. Ext. 7164.

67 FIREBIRD - Conv, V8, ps, auto trans, r/h. \$1095. G. Wall, Ext. 591.

59 CORVETTE - Blue, white top, mags, 283, good cond. George M., 878-0207.

68 GTO - Blue, blk int, 400, 4 spd. \$1200. George M., 878-0207.

67 VW - Sunroof, good cond. \$500. Ext. 2479, 751-1359.

PR 13" RIMS - W/good 6.50x13 Falcon tires mounted. First reasonable offer. MacKenzie, Ext. 572.

71 LATE MODEL CHEVELLE - White, 8,000 mi, 6 cyl. \$2500. Bob, Ext. 7333.

68 CHEVY IMPALA - Ps/pb, new tires, body & mech cond excel. \$1450. 473-0178 eves.

66 PONTIAC TEMPEST - OHC-6, std, 2 dr, pb, radio. \$350. Herb, Ext. 2868, 744-5238.

56 CHEVY - V8, auto trans, 2 dr hdtp, elec wipers, excel cond, body immaculate, white bckts & matching rear seat incl. \$500. E. Metzler, Ext. 2512, 928-3478.

71 PINTO - Only 8,000 mil, clean, 4 spd, good mileage. \$1695. Doris, Ext. 7248, 281-3423.

67 FORD COUNTRY SQUIRE - ps/pb, air cond, trlr pg, roof rack, posi trac rear. \$1000. 363-2024.

67 OPEL KADETT - Fully eqpd, incl snows. Ext. 435.

63 SCOUT - \$400. Ext. 7777, PA7-2081 after 6.

69 CUTLASS S - 350 V8, 4 spd, bckts, w/w, ps, chrome wheels, r/h, new rubber on frnt, new valve job. \$1695. 929-6398.

Boats & Marine Supplies

STAR #1233 - W/2 sets of sails, good cond. \$250. Ext. 341.

STERLING BOAT TRAILER - Tilt tongue, 1200 lbs cap, 18' long, 4 ply tires, new winch, extras. \$175. Pete, Ext. 447.

12' RUNABOUT - Molded plywood, has steering wheel & control cables. Asking \$50. Kowalski, Ext. 2314 or 744-3175.

26' 1949 JERSEY SKIFF - 145 hp, sleeps 4, sink, full equip, auto bilge pump, perf fishing or fam boat. 744-2552.

15' PENN-YAN - Lapstrake runabout, 50 hp Johnson V-4, trailer, anchor, compass, etc. \$500. 751-3686.

13' BOSTON WHALER - 1967, 33 hp, elec start Johnson, both in excel cond. \$575. Paige, Ext. 7244.

31' 1967 OWENS FLY BRIDGE CRUISER - twin 327's, compl equip, this boat must be seen. \$11,500. 724-0282.

16' ELTRO - Fully equip A-1 w/71 80hp Merc w/trailer. AT6-9126.

12' FIBERGLASS SAILBOAT - Kite class, dac sails, Holsclaw trlr w/tie-down bars & tail lights. \$650 for the outfit. Winsche, 286-0517.

7'9" PRAM - Fiberglassed, reasonable. Ken, 289-8212 eves.

20' FIBERGLASS CRUISING SLOOP - Sleeps 4, four sails, winches, fu ly eqpd, low price. Ext. 2993 or 744-9436.

30 LB NAVY ANCHOR - \$15. Ext. 2950.

16' WINNER RUNABOUT 1967 - Fiberglass hull, 75 hp Johnson, tilt-bed trailer, many extras. \$1400. Pate, Ext. 7494, 286-8835.

Miscellaneous

REFRIGERATOR - G.E., 11 cu ft, good cond. \$15. Jim, 472-0136.

CESSPOOL PROBLEMS? - Chemically cleaned, no digging necessary, special for lab employees. \$25 will do the job. 289-0565.

SKIS - W/adult Cubco bindings, 2 yrs old. 180 cm. \$25. F.J. Salzac, Ext. 2149.

CREE TRAVEL TRAILER - 18 ft, self-contained, gas refrig, 3 brnr stove w/oven, gas/elec lights. \$1600. Ext. 586.

YASHICA A - Twin lens reflex, 2 1/4" square, 3.5 lens, case & flash incl, mint cond. \$25. Janet, Ext. 476.

TWO PISTON PUMPS - W/elec motor and pressure switch. \$25 ea. Jim, Ext. 467.

COAT - Spring, good cond, size 12, \$5; confirmation suit. Susan, Ext. 670.

UPRIGHT PIANO - Solid mahog, bench incl, old resonant sound Stein way, need the room, must sell. \$500. A. Roy, Ext. 560.

DIMES - Mer. G to VF, 35, 36, 37, 39 thru 45 P; 41 thru 45D; 44, 45S; 17 coins. \$7 - lot only. Hill, Ext. 2463.

BRONZE SWITCH - And outlet cover slt. (4 pieces), colonial style. \$3.50. M. Strongson, Ext. 2727.

TRICYCLE - Fair cond. \$4. Barbara, 286-8633.

WHIRLPOOL CLOTHES DRYER - \$20. 981-1981.

DYNAKIT STEREO PREAMPLIFIER - 100 w, stereo pilot amp #SA260, Harmon-Kardon am/fm tuner. Neal, Ext. 2715.

TWIN CARRIAGE - Good cond, blue w/matt, two for the money. \$35. Ext. 2395.

GARDENING ENCYCLOPEDIA - 14 vol set, incl all new gardening methods, like new. \$35. Ext. 419, 698-1362 after 6.

ELEC GUITAR - Dual pickup, tremelo bar, vol & tone controls, good cond. \$30. 286-9619.

GIRL'S BIKE - 26", 3 spd, front & rear hand brakes, good cond. \$30. 286-9619.

EDDIE BAUER K-6 TRAIL BOOT - Full leather lined & padded, vibram soles, like new. Reg \$30, \$15. Al, Ext. 560.

HODGMAN'S BEST TWIN TUFTED AIR MATTRESSES - Each 25"x75", can be used individ, excel cond. \$20 pr. Al, Ext. 560.

JAPANESE HOLLY - Dig your own, various sizes. \$5 ea. Jim, JU8-2688.

SINGLE BED - Box spring & matt, excel cond. \$30. Iris, Ex. 7805.

GUITAR - Fender Jazzmaster. \$80. 581-0932 after 6.

DREMEL MOTO-TOOL - Comp kit, 220 volts. List \$39.95, make offer. Ed, Ext. 445.

HOOVER UPRIGHT VACUUM CLNR - W/attachments, runs good. \$15. Bill, Ext. 2580.

FULL SIZE MAPLE BED - Metal folding cot, baby carriage, 2 school desks w/drawer. Bill, 298-4089, Ext. 7821.

OAK FIREPLACE LOGS - Custom cut, split, del & stacked, well seasoned. Ken, 289-8212 eves.

GARDEN PLANNING & ROTOTILLING WORK - Free estimate. Ken, 289-8212 eves.

OLD BOOKCASE - 2 glass doors, reddish color, adj shelves, 40x60. \$20. 727-1617.

LATHE - Atlas 10" QX 42 w/floor stand, many acces. \$150. 286-0903.

BRONCO MINI CYCLE - 50 cc, 4 spd, 1 yr old, good cond, great for trail-riding. Asking \$175. 732-3296 after 5:30.

LEICA CAMERA - (1936) Summar f2 lens, w/copying stand, ext tubes to get 2:1 mag. \$75. 286-0903.

SIGNAL GENERATOR - FM stereo, Heathkit, Model 1B 112. \$20. 286-0903.

8 TRACK STEREO TAPE DECK - For auto, new. \$30. Lundgren, Ext. 7526, 585-3794.

GRINDER - Tool post, Dumore series, 14.5 unmounted wheels, 6 mounted 1/8 shank, diamond dresser. \$35. 286-0903.

25 WATT MONO-AUDIO AMP - And Preamp, Garrard, record player. Best offer. Ext. 2993, 744-9436.

BEDROOM SET - White, modern, 5 pcs w/mirror. \$125; Danish mod walunt china closet & buffet. \$60. Ext. 2395.

DELUXE SPREADER - Like new. Make offer. Greg, Ext. 2798.

VACUUM CLEANER - Sunbeam model 635, all attach, excel cond, one yr old. \$25. Ralph, Ext. 7352.

PAINT - Colorizer low lustre enamel, 1 gal pale lime, Paragon Alkyd Enam undercoat, 1 gal tinted green, sacrifice. 286-3698.

PANELS - New, 10 - 4'x4', regency plus, contemp series, frosted teak, sacrifice, 286-3698.

EIGHT TRACK STEREO TAPE DECK - New, for auto, Lundgren, 585-3794, Ext. 7526.

COAT - Spring, yellow, size 12, \$5; new dresses, size 14. Susan, Ext. 670.

SHORTWAVE RADIO - Lafayette HA600, 5 bands up to 30 MHz, bandspread, S-meter, speaker incl, perf cond. Cost \$100, sell \$75. W. Senian, Ext. 7411.

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

RANCH HOUSE - 3 bedrms, 2 bths, den w/fp, eat-in kitchen, dr, 1r, slate foyer entr, cedar shake ext, 2 car gar, oh/w heat, low tax area, Port Jeff Vill schools, ptly wooded plt, .37 acre, prvt beach rts. Low \$40's. 473-9354 eves & wknds.

RANCH HOUSE - 6 rms, full base, almost 1 acre grounds, Mastic Beach. 281-5498 after 6.

SAYVILLE - 3 bdrms, 1 1/2 bths, gar, w/w in 1r, kitchen & den, patio, extras. \$27,500. 567-1272 after 3.

SPLIT LEVEL RANCH - 11 rms, 6 bdrms, 3 bdrms & playrm pnld, just off exit 64 LIE, 7 mins from Lab. 289-5629.

CENTER MORICHES - 1/2 acre corner plt, wooded, 4 bks to beach. Lundgren, Ext. 7526, 525-3794.

For Rent

FURN APT - Gentlemen, 5 min from Lab, pvt ent, all util, close to shopping. 281-8044 after 5.

BELLPORT VILLAGE - 5 rm apt, 1 1/2 bths, fp, avail im-med. \$200/mo. Ext. 7620, 286-3674.

FURN HOUSE - Brookhaven hamlet, 3 bdrms, lg garden, all appl, one from July. 286-0612.

Wanted

USED LIV RM SET - 2 or 3 pieces in excel cond, or very good cond. Ext. 2580.

HOMES - For two, fluffy white male puppies. 286-3329 after 6.

68-70 COMPACT - Dodge Dart, Valiant, Falcon, etc. in good cond. E. Fink, Ext. 2324.

MEDIUM-LG REFRIG - W/frozen food compart, "not" frost free, reasonable. Ext. 7420, 281-2002.

TREE LOVERS - May have sapling pine, oak & other trees for the digging, free. Ext. 7420, 281-2002.

RESERVATIONS - For free kittens (prbly yelllow males and/or calico females) avail in approx 6 wks. A. Nauman, Ext. 388.

SUMMER RENTAL - July & Aug, 3 bdrm house for couple and 1 child, Bellport/Brkhvn vic, up to \$350/mo. Bielski, Ext. 2267.

FURN HOUSE OR APT - 3 or 4 bdrms, for April/May/June or May/June. M. Berkhout, Ext. 7714, 246-6584.

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

TREE REMOVAL - And chainsaw work, also light hauling, free estimates. Ken, 289-8212 evs.

4 H.P. OB MOTOR - Johnson or Evinrude, also fiberglass Sunfish. W. Museler, Ext. 7676.

DOLL HOUSE FURNITURE - Scale 1 1/2-1'. Paige, Ext. 7244.

RENT OR BUY HOUSE - Dutch scientist, family w/1 child, preferably Bellport, lower \$20's. Ext. 7729.

BOY SCOUT UNIFORM - Size 12-14. 475-1844.

PRINTING - Letterheads, billheads, cards, etc. Quality work - reasonable prices. George, 929-4818.

Carpools

WANT RIDE - Or will form carpool. Oakdale near Sunrise Hwy. Frank, Ext. 7530.

DRIVER WANTED - Smithtown, Ext. 461.

Classified Ad Policy

Deadline is 12 noon Friday for publication the following 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 employees signature.

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

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.

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(Name & Phone No. To Call)

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

Send to: Brookhaven Bulletin, 40 Brookhaven Avenue