



Brookhaven Host To Crystallographers

The Chemical and Physical Aspects of Neutron Diffraction will be discussed at Brookhaven Lab on August 22 and 23 as part of the Eighth International Congress of Crystallographers being held in the United States this year at Buffalo, SUNY at Stony Brook, and Washington, D.C., in addition to Brookhaven.

Neutron diffraction is a powerful technique for the study of the orderly manner in which our universe has formed atoms into molecules and compounds. The joining together of many atoms or molecules, either the same or different, is accomplished very neatly by nature via crystal formation. When light or other forms of wave-energy are passed through such an orderly crystal structure, the energy waves are diffracted or broken up into a pattern which reflects the structure of the crystal. Neutron diffraction uses neutrons from a research reactor, such as the High Flux Beam Reactor at Brookhaven Laboratory, to study the diffraction patterns and thus the structure of the crystals and molecules that make up our universe and the many forms of life it contains.

Dr. Walter C. Hamilton, senior Chemist at BNL, President of the American Crystallographic Association and Chairman of the local meetings, stated that, "Crystals, like human beings, come in a wide variety of shapes, sizes and complexity. Diffraction patterns open the door to building three dimensional models, which, in turn, opens other doors of study on how and why a given molecule does what it does."

"This conference, with over 1500 participants from 36 countries, is one of the most significant international scientific meetings of the year. It is a rare opportunity for all of us from all over the world to personally share our discoveries and failures, as well as our dreams."

"An item of major interest and significance at this International Conference was the report of Dr. Dorothy Hodgkin, a



British Nobel Prize Winner, that she has discovered the crystalline structure of human insulin, a very complex compound. It is composed of two chains of amino acid molecules. One chain is composed of 21 amino acids and the other of 30 amino acids. The two chains are held together by two cross-links of sulfur atoms.

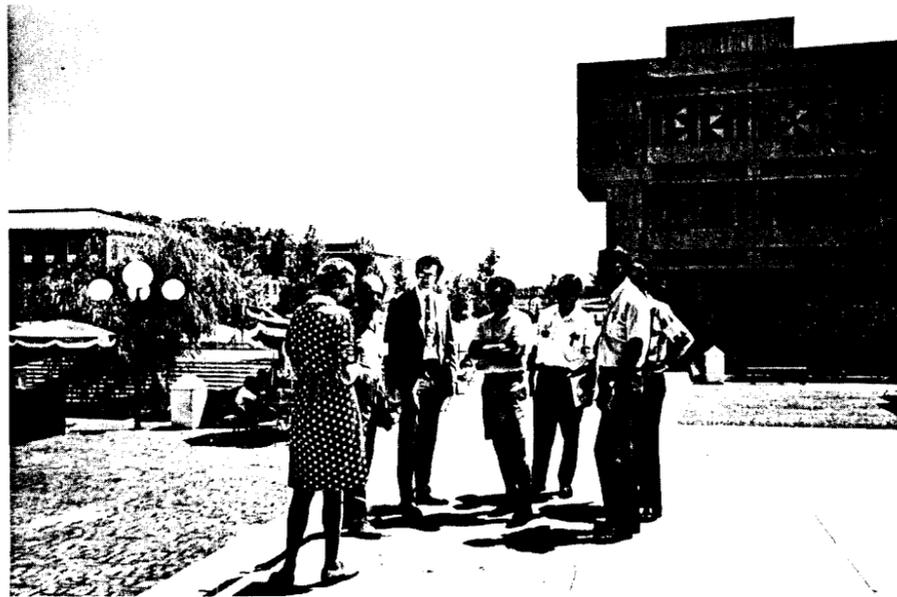
"Insulin", he continued, "is a protein hormone and is vital to people suffering from diabetes. It is estimated that up to two percent of the U.S. population has diabetes. This discovery of Dr. Hodgkin is particularly interesting to us locally, because it was at Brookhaven Laboratory where Dr. P.G. Katsoyannis headed the team that first synthesized human insulin in late 1964. However, it remained until now to discover the crystalline structure of human insulin. Knowledge of the crystal structure is an important part of understanding the mechanism of the action of insulin in the human body."

The meetings at Stony Brook will conclude on Sunday, August 24. Brookhaven Laboratory's participation, in addition to the Topical Meeting, involves tours of up to 60 scientists per day on August 13, 14, 15, 19 and 20. Visitors will see the 33 billion electron volt AGS accelerator, the High Flux Beam Reactor, and the Chemistry laboratories.

Crystallographers Meet at Stony Brook



Dr. Walter Hamilton, BNL, local chairman of the conference at Stony Brook, makes a point during a press conference. At left is Nobel Prize winner Doctor Dorothy Hodgkin, who announced determination of the crystalline structure of insulin. To the right of Dr. Hamilton is N.V. Belov, President of the Executive Committee of the International Union of Crystallography. —Humphrey



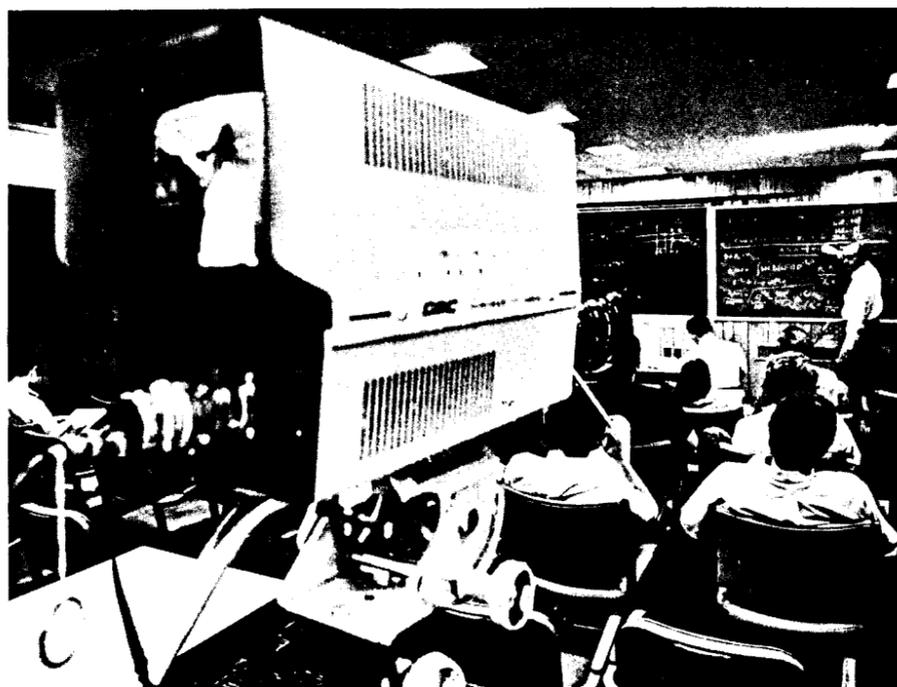
A group of attendees at the International Union of Crystallographers talk with Walter Hamilton outside the Earth and Space Science building at the State University at Stony Brook. —Humphrey

Afternoon TV Show In Physics Lounge

If your tastes run to "The Beverly Hillbillies" or afternoon soap opera, don't bother to come to the Physics Lounge after 1:30 each afternoon. The intent group that is clustered around the two TV sets is watching a lecture in elementary particle physics.

There are only 21 students registered in the Brookhaven Summer School for Elementary Particle Physics, yet the 56 lectures have been attended by a much larger number of students who watch and listen to the classes on a TV screen.

The lectures, given at 9 and 11 each morning, are covered by a brace of TV cameras in the conference room in the Physics Department. The picture is transmitted by closed circuit TV monitors to the lounge where non-registered students can hear and see the lecture without entering the classroom.



Dr. Richard Arnold, Argonne, lectures on "Dynamical Models Based on Classical Limits" during a restricted session of the Brookhaven Summer School for Elementary Particle Physics. The entire lecture is both video-taped and transmitted to monitors in the Physics Lounge where unregistered students can watch. —Humphrey

The lecture is also recorded on TV tape, and is played back in the afternoon so that those who were unable to attend the morn-



Afternoon rebroadcast of the morning lectures draws an intent audience.

Lab - Union Sign Apprentice Pact

On Monday morning representatives of Brookhaven National Laboratory and the International Brotherhood of Electrical Workers, Local Union 2230 signed a craft apprentice agreement that will allow six apprentices to be trained, two in electrical and four in refrigeration and air conditioning.

The agreement announced Tuesday by Deputy Director George Vineyard establishes a craft apprentice program at the Laboratory for not less than four years, during which time the selected apprentices will be given on-the-job training and will be required to enroll in formal study programs related to the occupation chosen, for at least 144 hours a year.

Apprentices will be chosen by Selection Panels for each trade being apprenticed, with preference being given to employees who have a year's service or more with the Laboratory. Applications for the Craft Apprentice Program will be accepted until the deadline of September Fifth from employees whose base pay is no more than the going rate for Labor Grade seven.

The Joint Apprenticeship Committee will consist of three representatives from Laboratory Management and three Union members employed by the Laboratory. It will evaluate and review the program and the progress of the selected apprentices.

Complete details of the program and methods of application are available at the Personnel Office.

IBEW Meeting Notice

The next General meeting of Local 2230, IBEW, will be held August 28, 1969 at the Knights of Columbus Hall in Patchogue at 8 p.m. The agenda will consist of General Business plus reports of the Committees.

ing sessions will not miss any of the subject matter. Many of the 21 students use the afternoon broadcast for note-taking and clarification of the morning lectures.

The T.V. equipment is controlled by the Photography Division and run by Gilbert Whisnant, a summer student from the Rochester Institute of Technology who is assigned to the Photography Division.

The summer school is sponsored by the Physics Department, under the direction of Ron Peierls, leader of the High Energy Theory Group, who organized the project and oversees the presentation of the lectures.

The faculty of seven guest lecturers was carefully chosen in order to cover the latest



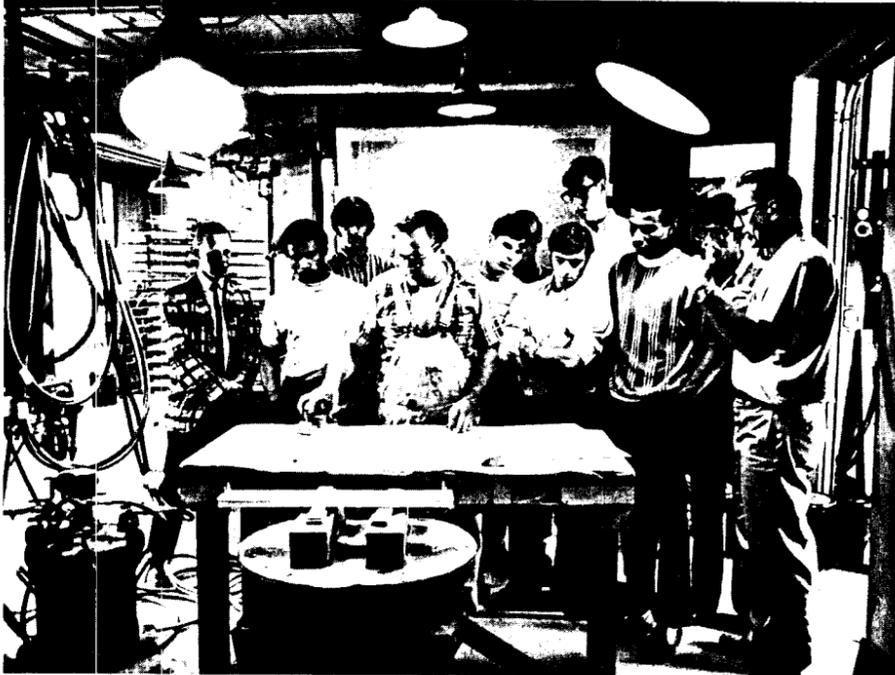
At a morning coffee break, Ron Peierls of Physics, Director of the Summer School, talks to Dr. Kerson Huang, MIT, who lectured on "Complex Angular Momentum and Regge Phenomenology."

views in the field of elementary particle physics. The student body was selected from 150 applicants and consists of twenty men and one woman. One of the students comes from Israel, two from England, and the rest come from colleges and universities in the U.S. All of the male students are second and third-year graduate students, and the woman is a first-year graduate student from Princeton.

Sessions of the Summer School started on July 23 and will run through August 29. Scheduled to lecture in the closing weeks are: K. Huang, MIT; G.F. Chew, Berkeley; and H. Harari, Weizmann.

Those who have lectured so far are: H. White, Cornell; N. Khuri, Rockefeller; R.C. Arnold, Argonne; W. Frazer, La Jolla.

Campus Youths Tour Shops



Boys participating in the Youth On Campus program at BNL were taken on a tour of the BNL Service groups. In the Carpenter Shop, Walter Milian (right) explains the procedure that Robert Allen is using to finish a wood panel. —Humphrey

Youth on Campus Vocational Tours

On Tuesday and Wednesday of last week, David Berninger, Personnel, and the boys of the Youth On Campus program were involved in a tour of the Brookhaven facilities.

The purpose of the tour was to give the boys an opportunity of obtaining firsthand, meaningful information about occupations and careers that exist in the evergrowing world of work. Because of the uniqueness of the Lab, the tour allowed the students to visit many vocational areas which are not readily available outside the Lab site. What

better way to gain valuable knowledge of vocations? Many of the questions revolved around a particular occupation. For example, some of the questions asked were: How do I become a Carpenter? What type of education is required to enter the field of Data Processing? What is the average salary of a machinist? What type of work do mechanical technicians do?

Answers to the many questions and an overall review of the role of the service areas in the running of the Lab were supplied in each of the areas visited.

Secretarial Course Ends



The final session of the Youth On Campus Secretarial School was visited by the supervisors of the girls who participated in the course. Dr. George Vineyard (center rear) congratulated the students on completing their secretarial course. —Humphrey

Service Awards to AGS Members



A small gathering took place in the lobby of the AGS Building on Wednesday, July 30, at which time Dr. G.K. Green awarded 10 and 20 year Service Awards to members of the Accelerator Department. Among the recipients were: (standing left to right) John M. Desmond (20 yr.), Richard F. Hotchkiss (10 yr.), Donald A. Davis (10 yr.), Frederick R. Hillerud (20 yr.), Emil A. Bernatzky (20 yr.), Edward W. Dexter (20 yr.), Joseph W. Bauernfeind (10 yr.), A. Eric Brockmann (10 yr.), Carl R. Flatau (10 yr.), A. John Post (10 yr.) and Clarence M. Turner (20 yr.); (seated, left to right) Georgina A. Fuld (10 yr.), Catherine Trautwein (10 yr.)

Miss Mary Ann Henry Wins Ladies' Singles

Monday evening's final match between Miss Mary Ann Henry and Mrs. Andrew Kevey, the initial championship round of the 1969 BERA Tennis Tournament, was characterized by strong back-court play with many points scored by accurate placements and passing shots. Although the play of both ladies remained remarkably consistent throughout the 26-game match, Miss Henry's youth and strength gave her the ultimate victory in two sets, 10-8, 6-2.

The turning point which determined the outcome of the match occurred in the 16th game of the first set when Miss Henry recovered from set point to break service. In the long drawn-out first set, Mrs. Kevey took an early lead of 3 games to 1. The lead then changed hands frequently. Miss Henry's game, particularly her serve, appeared to become stronger while Mrs. Kevey's game showed no signs of weakening until the 15th game.

In the second set, Miss Henry's hard first serve became more consistent; she held service for all four games while twice breaking Mrs. Kevey's service.

Miss Henry won the toss and elected to serve in the first game of the match. Initially, her first serves were somewhat erratic, with 8 single faults in the first game. Miss Henry held service after going to deuce 3 times in the first game. The second game went to Mrs. Kevey at love. Mrs. Kevey then broke service in the third game and held her service in the fourth for her second love game. At this point, down one game to three, Miss Henry steadied to win the next three games, breaking Mrs. Kevey's service at love in the sixth game. Each player then held service from the eighth to the twelfth game and lost service in the thirteenth, fourteenth and fifteenth games. Leading 8 to 7 in games, Mrs. Kevey then reached set point in the sixteenth game, only to have her service broken, losing three points in succession. Miss Henry then took the next two games and the set. Mrs. Kevey, serving in the 18th game, twice came back from set point before losing her service. As an example of the steady play of both players, the only double fault of the entire match occurred at deuce of the 18th game.

Service Awards - August 1969

Twenty Year	
Baker, Charles P.	Physics
Buhl, Paul A.	IH
Cool, Rodney L.	Director's
Goodridge, Walter L.	PEP
Kuhn, Frederick H.	Accelerator
Rogers, William A.	Purchasing
Ruege, Charles F.	DAS
Rumph, Frank J.	Physics
Turner, Clarence M.	Accelerator
Yuan, Luke C.L.	Physics
Ten Year	
Bauernfeind, Joseph W.	Accelerator
Bennett, John G.	PEP
Delihias, Nicholas	Medical
Fleitman, Albert H.	DAS
Foelix, Charles F.	IH
Hughes, Mary A.	Physics
Meisenzahl, Fred	Shops
Miscavish, Ambrose J.	Medical
Savage, Robert W.	Physics
Van Norman, John D.	DAS
Wright, Donald H.	Mech. Eng.

Cafeteria Menu

Week Ending August 28, 1969

Friday, August 22	
Clam and Celery Bisque	
Fried Shrimp/Sauce Tartare	.75
Brisket of Corned Beef	.75
Codfish Cakes/Spaghetti	.65
Monday, August 25	
Minestrone Soup	
Veal Parmigiana	.70
Roast Chicken/Giblet Gravy	.70
Barbecued Beef on Rice	.65
Tuesday, August 26	
Puree of Split Pea Soup	
Roast Leg of Lamb/Mint Jelly	.65
Chicken Pie/Pastry Cover	.80
Baked Green Pepper/Beef Stuffing	.65
Wednesday, August 27	
Chicken Gumbo Soup	
Baked Ham Steak/Sliced Pineapple	.65
Sauerbraten/Red Cabbage	.65
Deviled Crab Patties	.65
Thursday, August 28	
Cream of Corn Soup	
Beef a la Mode	.75
Fried Breast of Chicken/Cranberry Sauce	.65
Spaghetti Marinara/Italian Sausage	.75

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Arrivals & Departures

Arrivals	
William B. Bald	Mech. Engrg.
Daniel N. Feigenbaum	Physics
Departures	
Jerome E. Goodine	Ph. & Gr. Arts
Erwin Hutzmann	Mech. Engrg.
Barry M. Kaufman	Medical
James J. McNicholas	App. Science
H. Deborah Michienzi	Personnel
Wolfgang Rothenstein	App. Science
Jeffrey B. Sokoloff	Physics
Miriam K. Sokoloff	Biology
Nils L.G. Stromberg	App. Science
Marcia Teisch	App. Science

French Group Meeting

The next meeting of the French group will consist of a viewing of the movie "Les Dimanches à ville d'Avray" ("Sunday and Cybèle"), to be presented as part of the BERA film series on Thursday, August 28, at 8:30 p.m. in Berkner Hall. Watch next week's movie announcement for more details.

Mountain Club Meets

There will be a meeting of the BNL Mountain Club at 8 p.m. Tuesday, August 26 in the Recreation Hall in the apartment area. Garrett Hughes will show slides he took in Antarctica last year. Trips and meetings will be planned. Everyone is welcome.

Mobile Snack Bar

Snack Run Schedules	
Fiscal Building	9:00 a.m.
Applied Math	9:05
Physics	9:11
DAS	9:17
Reactor	9:21
Hot Lab	9:27
DAS	9:33
AGS	9:37
AGS	9:42
AGS	9:46
Supply & Materiel	9:49
Police Headquarters	8:55
Critical Facility	9:00
Boiler Room	9:06
Bldg. 120	9:10
Bldg. 750	9:17
Biology	9:25
Purchasing	9:32
Administration	9:36
Hospital	9:42
Data	9:49

Lunch Run Schedule

Critical	10:05
Boiler	10:10
Bldg. 120	10:13
Bldg. 750	10:20
Biology	10:28
Purchasing	10:34
Administration	10:37
Hospital	10:43
Data	10:51
Fiscal	10:54
Applied Math	10:59
Physics	11:04
DAS	11:15
Reactor	11:18
Hot Lab	11:22
DAS	11:27
AGS	11:32
AGS	11:42
AGS	11:50
Supply & Materiel	11:55

Coming Attractions

8/21	BERA Movie Berkner Hall - 8:30 p.m.
8/27	BERA Concert Beverly Price Berkner Hall - 8 p.m.
8/28	BERA Movie Berkner Hall - 8:30 p.m.
9/1	Labor Day - Holiday

Bow-Wow The Clown At BNL Recreation Special

"Don't go Bow-Wow!" and "Come back, Bow-Wow!" were the cries echoed by the one hundred and forty children who showed up at the Recreation Building on Tuesday evening August 12th to watch a Special Performance by Bow-Wow the Clown.

Bow-Wow is BNL's own Frank Fridrich and his act is one which stimulates the minds of all children. For thirty-five minutes, the kids sat mystified by the antics of this "funny fellow." The friendly Clown arrived in his highly decorated Volkswagen Bus and immediately sprang into action to the delight of all the youngsters. This was Bow-Wow's Annual visit but he came equipped with many new tricks and gimmicks. Even the parents who witnessed the spectacle couldn't believe their eyes at what was "really happening."

It was another of the Special Events sponsored by the Recreation Department. The evening featured a family buffet supper, the awarding of trophies to the children for their efforts on Track and Field Day and the performance of our "lovable Clown."



Alison Cox and Keith Wood hold an inner tube to frame a picture of Maria Amascato in the water at the pool during the Inner Tube Derby. —Humphrey

Reminder to Adults and Children . . .
The Pool will close at 5:45 p.m. on Thursday, August 28th for the Children's Annual Water Carnival.



Bow Wow the Clown visits the Summer Play session in the recreation area where sessions are held.

Derby Day For BNL Kids At The Pool

Friday, August 15, marked the annual Derby Day at the BNL Pool. Thirty-two teams arrived at the pool to participate in this year's classic Inner Tube Derby.

The children were arranged into age groups and the festivities immediately began. Each team consisted of four members and each race meant four laps of the pool. For the big ones, the problem was leaping into the tubes.

Several teams lost out when members slipped directly through the tubes into the water. The little ones, on the other hand had trouble finding their team partners in the relay race and also finding their way across the pool.

Many a mother panicked at the sight of her child getting dumped from an inner tube. The mothers finally realized the problem and began to aid the racers. In the end 36 ribbons were awarded to first, second, and third place finishers.

Friday, August 22, means another BNL Pool Special at 2:45 p.m. This week the gang will race in relays and individually. The Little Ones will participate in Kick-board Races.

Don't forget the Annual Water Carnival on August 28 at 7:15 p.m. Children and parents are invited to attend.

BERA Softball Day

The annual BERA Softball Day will be held at Field 2 at Brookhaven Employees' Recreation Park from 5:15 till dark on Tuesday, August 26th. Everyone who played in the BNL Leagues this year is invited to attend - wives and kids, too. Spectators are also welcome.

A feature of the evening will be free beer, hot dogs, chips, ice cream and soda. One ball game will be played - Brookhaven League vs. National League vs. Laboratory League. If you want to play, have your Captain call your name in to your League Champs Manager and report to Field #2 prior to 5:30 p.m.

Rain date for Softball Day is August 27th.

Football News

The League is just completing its organizational plans. At this writing we have seven teams signed up and rumors of an eighth. We are planning on starting the week of September 4th. Games will be at 5:30 on one or two nights of the week.

If your Group does not have a team and you wish to play, call your name into the Player's Pool at the Recreation Office, Extension 2808.

Kids in Costume Crowd Rec Building

The creations were wild, weird, zany, and beautiful, and the children eager to participate in the antics of the BNL Recreation Program's Annual Summer Costume Party.

It was Thursday morning, August 14th and over 100 parents and children gathered at the Recreation Building to participate in the program. Ribbons were awarded for the best costumes. Some of the winners were: Peter Tuberfield, Mary Kenny, Annika Fehling, Sarah Tuberfield, and Susan and Franny Slade.

The day was also highlighted by an "Apple Dunking Contest" and Catching Donuts on a String. The place was a mess, the gang wet and tired but a good time was had by all. The "little ones" were steaming by 11:15 a.m. and the "Big Sprinkler," which the BNL Fire Department had kindly set up became a wonderful cooling off weapon.

Reminder for On-Site People

The famous Bayport Fife and Drum Corps will make an appearance on Thursday evening, August 21st, at the Recreation field in the Apartment Area. This is another of the BNL Recreation Program's Special Events and will be part of an evening Family Buffet Supper and Trophy Awards Night which will mark the end of the On-Site Play Session. The Show will start at 6:30 p.m.

Movie Tonight

Thursday, August 21 - Berkner Hall - 8:30 p.m.

An Evening of Erotic, Exotic and Sensual

Originally billed as "An Evening of Experimental Films" the final choice of a title for tonight's show is a bit more descriptive. The program will be in line with the annual tradition of an evening of "Don't bring the kiddies this time." The selection of films is taken from those produced by a recognized leader in the field of experimental - avant garde cinema.

James Broughton, a California poet, is presently teaching film at San Francisco State College, and has been producing films since 1946. He has made films for the British Film Institute, and has spent many years writing for the theatre.

The Bed, a symbolic film-poem, shows scenes of the human comedy from life to death. It has won prizes in film festivals in 1968 at Yale, Ann Arbor, Foothill and Oberhausen.

Looney Tom, The Happy Lover, is a sort of Rabelais type of Mack Sennet comedy. Ribald and brash, this slapstick won a prize at the Cannes Film Festival.

The Pleasure Garden, a comic fantasy, is a more formal experimental film, using a professional cast. This is a comic view of the pleasure principle which was filmed in the ruined gardens of the Crystal Palace in London. Loaded with symbolism of the lyric of love, this film was made under the aegis of the British Film Institute. It won honors in the Edinburgh Film Festival, and a special award in Cannes.

Movie Next Week: Sundays and Cybele (French with English subtitles)

Movie Subscriptions

Wanted by August 29th - 35 subscribers to the Special Movie Series tentatively scheduled for the coming Fall-Winter-Spring Season.

Early this summer, the Movie Committee announced its plans to present a subscription series to which admission would be limited to subscription ticket holders only; no single admissions would be sold at the door. The Committee also stated that the program would be instituted **only** if a minimum number of 35 tickets were sold by August 29th.

To this date, we haven't reached that minimum and wonder if there's just a lack of interest or if you meant to sign up but just haven't gotten around to it yet. If the latter is true, there's still another week before the deadline date.

The Recreation Office will be happy to answer any questions you might have about the program. Call us on Extension 2808. **Note:** Previously sold subscription tickets will be honored for this series.

Softball

Tom Lee

Brookhaven League

Dirty Sox 8 Old Timers 7
Makeups 8 Batmen 7
Dirty Sox 1 Makeups 19

The Old Timers and Makeups play Monday, August 18th to see who wins the Second Half. The Old Timers, by having the best overall record, are seeded into championship game against either the Blue Jays or the Makeups; depending on play-off results. With the Blue Jays coming off a few injuries, we may see an end to a streak of championships which has been unequaled at the Laboratory. But, the old guys still can pull it out.

National League

Phoubars 10 S&M 4
Rat Pack 10 Potsareebies 5
Metallurgy 23 Bubble Boys 4
AMD 13 Six Pax 4

"Phoubar" was the cry heard around the softball fields Monday night. In a preview of a playoff game to see who meets AMD for the National League Championship, the Phoubars bested S&M with a great team game. L. Cohen was a defensive stand-out for the Phoubars. R. Phillips went 3-3 for S&M.

The Rat Pack, who ended up 5-2 for the Second Half along with AMD, were eliminated from any playoff hopes when S&M lost. AMD on virtue of the best overall record for the season goes to the playoffs.

It was lucky for the League that Metallurgy didn't start scoring runs until their last 5 games in which they have run up a total of 94 runs.

Homeruns: Metallurgy - P. Hlavac, J. Crow, M. Russe; S&M - R. Mulderig.

Monday, August 18th S&M vs. Phoubars. Winner to meet AMD Wednesday, August 20th.

Laboratory League

Deadwoods 19 Bio-Meds 5
*Mets *Charlie Browns
*Chemistry *Converts

Thursday, August 21st Deadwoods vs. Mets for League championship. This is the only League which doesn't have some sort of play off to get into championship game. *Scores not available.

Tennis News

The dry weather lasted enough for the contestants to catch up on the schedule in the 1969 BERA Tennis Tournament. By the time this appears in print we will have completed the championship rounds in both the Ladies' Singles and the Walter W. Merkle Men's Doubles. The remainder of the championship rounds will be played as scheduled.

Mixed Doubles - Tuesday, August 26

Men's Singles - Monday, August 25

The results of last week's play:

Men's Singles

Second Round: Passell-Shively, forfeit.

Quarter Finals: Brandon-Passell, 6-1, 6-1;

Auskern-Palmedo, 6-1, 6-1.

The Walter W. Merkle Men's Doubles

Semi-Final Round: Brandon, Bookless-Feldberg, Lindner, 6-4, 8-6.

Ladies' Singles

Semi-Final Round: Kevy-Stangby, 9-7, 6-2.

Mixed Doubles

First Round: The McCarthys-the Lees, forfeit.

Second Round: The Keveys-the Lindners, 6-0, 6-0; Connell, Passell-the McCarthys, 6-2, 6-1.

Semi-Final Round: Stangby, Palmedo-the Keveys, 3-6, 7-5, 6-3; Connell, Passell-the Dornings, 6-1, 6-2.

Soccer

M.T. Hutchings

The Americas 3 Vs. Rest of the World 4 (2-3)

At last we had a fine evening on Monday August 11th for the return game between North & South America (without Roberto) and The Rest. Early goals by The Rest were quickly equalized before they went ahead just before half time. The second half provided a goal apiece and time was called on the dot. The uncertainty principle, however, again played its part (according to the Americas) in affecting the position of the Rest's cross-bar!

We play 5:30, Mondays (Prompt now, the evenings are shortening). Come along - meet at the Gym.

TUNE IN



Personnel Services At the Recreation Office Open Daily 9:00 a.m. to 1:00 p.m.

Theatre Tickets - Theatre tickets to certain shows may be purchased at a 20% discount. Schedules and prices are posted in the Office. All orders must be placed in person and accompanied by a check or money order (no cash will be accepted).

Westbury Music Fair -
Aug. 19-24 - Temptations.
Sept. 2-7 - "On Time."
Sept. 9-14 - Robert Goulet.
Week of Aug. 26 - Danny Thomas.

Bellport Gateway Theatre -
In the Playhouse:
Aug. 12-24 - "Can-Can."
Aug. 26-Sept. 7 - To be announced.
In the Red Barn:
Aug. 19-31 - "The Fantasticks."
A new opportunity this summer for BNL Theatre-goers is a discount on tickets to the Artists Theatre Festival in residence at Southampton College. You get this discount merely by showing your BNL identification card at the Box Office.

The performance schedule for this professional Broadway Company is as follows:
Aug. 27-Aug. 31 - "The First Reader" by Gertrude Stein, a musical.

Discount Exchange Coupons - May be obtained at the Recreation Office for the following: Jones Beach Theatre - Guy Lombardo presents Rogers & Hammerstein's "South Pacific" - July 3 to Sept. 1.

Holiday on Ice of 1970 - Aug. 27 thru Sept. 14.
Southampton Cabaret Theatre - Starting July 15 through August 31.

New York Mets
Tickets for the July and August games are sold out. There are still some remaining for the month of September.

Athletic Game Equipment on Sale - Little League Baseballs, softballs, badminton sets, tennis rackets, tennis balls, shuttlecocks, table tennis paddles, athletic socks, BNL T-shirts, playing cards, combination locks, and handy information booklets on table tennis, baseball, diving, badminton, skin diving, judo, life saving, volleyball, archery and bowling.

Posted on the Bulletin Board are newspaper clippings of various activities on Long Island which the Recreation Staff feels might be of interest to BNL personnel. These include such items as the busy schedule from Port Jefferson to Connecticut; the Bookmobile stop schedule at BNL; opera performances in the area; a listing of all summer theaters in Nassau and Suffolk County, and much more.

Classified Advertisements

Positions Available

ELECTRICIAN APPRENTICE (2) - Plant Engrg. & Planning.
REFRIG. & A/C ENGINEER APPRENTICE (4) - Plant Engrg. & Planning.
Application Deadline: September 5, 1969.
STORES CLERK (1) Supply & Materiel
Application deadline, September 1, 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

60 CHEVY IMPALA - V6, auto trans, ps, good tires, new battery, good trans. \$125. 281-6412.
BOOSTER SHOCKS - For that rear end sag, fit any '65-'69 Ford, almost new. \$10. AT6-1253 eves.
65 FORD GALAXIE 500XL - 2 dr hdtp, V8, auto trans, ps, r/h, red/white int, bckts, needs tires, 2 snows, good cond. R. Nelson, Ext. 7112, 744-8949.
64 VW SQUAREBACK - Blue, good cond, must sell. W. Schmidt, Ext. 7772.

67 OLDS 442 - Grey/blk vinyl top, bckts, stereo tape deck, ps, 20,000 mi, excel cond. 325-0710 after 6.
2 STUDDER SNOW TIRES - 7.75x14, used 1 1/2 seasons. \$35. Ext. 2797.

64 DODGE CORONET - White, r/h, new tires. \$450. B. Lautrup, Ext. 7282.

TRUCK & CAMPER - '66 GMC 3/4 ton & 10 1/2' camper, 6 berths, refrig, toilet, shower, excel cond. Ext. 2853, AT6-0798.

66 FORD FAIRLANE 500 - Excel cond, must be seen. \$1100. 727-5596 after 5.

62 JAGUAR - 3.8 Liter Mk II, auto trans, P.D.B., ps, 4 new tires. \$1200. Bruce, Ext. 7637.

2-13" RIMS - 4 hole from '63 Buick, w/tires, 1 usable as spare. \$5. Ken, Ext. 367; Eleanor, Ext. 383.

EDELBROCK RAM LOG MANIFOLD - For 289 or 302 w/2 Holly 4 bbl carbs, linkage, fuel block & pump. \$150. P. Colarossi, Ext. 676.

68 BRIDGESTONE MOTORCYCLE - 90 cc, 4 spd, only 530 miles. Sacrifice, \$375. Ext. 676.

5 TON RAMSEY WINCH - Model 400-L, drive train transfer case for GM 4 spd trans, front extension bumper, 1 yr old. Ext. 7172, 751-1660.

60 CHEVROLET IMPALA - Hdtp, r/h, 283 V8, auto trans, immaculate, garaged. \$325. B. Tallon, Ext. 2152, 473-3987.

62 RAMBLER STATION WAGON - Good cond, new auto trans & muffler. \$150 or best offer. Hufner, Ext. 7564.

67 BUICK SKYLARK - Air cond, bckts, dk green/white vinyl top, excel cond. Ext. 7793, 281-4733.

62 FORD GALAXIE 500 - 4 dr sedan, good cond. Asking \$200. Francis, Ext. 7743.

SEAT BELTS - Pr shoulder-lap belts w/bolts & fittings, never used. \$5. Smith, Ext. 459.

62 FALCON STATION WAGON - 6 cyl, auto trans, very good cond, just arrived from Calif. \$400. Ext. 2115.

68 VW BUG - Sunroof, good cond, family grown too large. \$1300. Kasha, Ext. 2948.

64 FORD CUSTOM - Green, 4 dr, V8, auto trans, ps, r/h, new tires, avail 9/10. \$600. Karshon, Ext. 7656, 281-4778 after 6.

65 BUICK GRAND SPORT SKYLARK - 2 dr, r/h, 4 on the floor, bckts, wide ovals, excel cond. Charlie, Ext. 2221.

62 COMET - 2 dr, std trans, new tires, runs well. \$150. Gatty, Ext. 7262.

TIRE - 8.00/8.25x14 w/w tubeless, mounted on '63 Olds rim. \$15. Ext. 2588.

68 CADILLAC CONV - White/blk top, blk int, air cond, stereo am/fm radio, loaded. \$5100. 289-8667.

63 BUICK SPECIAL STATION WAGON - Red/white, V8, auto trans, pb, r/h, avail early Sept. \$600. Ext. 678.

1967 GTO CONV. - Full power, good tires. Owner leaving Lab. Asking \$1750. Bill Corwin, Ext. 657.

Boats & Marine Supplies

15' OLD TOWN RUNABOUT - 33 hp Evinrude elec start motor & Sears trailer, ready for water. Asking \$450. 286-0785.

19' SAILSTAR ORION - Cruising racing sailboat, fiberglass, sleeps 2, stainless rigging, dacron sails, excel cond & equip. \$1800. AT6-1156 eves.

22' TROJAN SEA BREEZE - Cabin cruiser, head, galley, 2 bunks, 70 hp Mercury outboard, good cond. 878-0317.

BLUE JAY - 1 set Larsen, 1 set Hard sails, Spinnaker, excel cond. \$525. 286-1152 after 5.

14' DURATECH RUNABOUT - 2 upholstered seats, deck rug, 30 hp Evinrude, elec starter & choke, gas tank. \$300. Gordon, Ext. 424.

WINNER - Of 86 racing trophies & pennants: Blue Jay No. 1072, fully equipped, w/trailer, must sell. Ext. 379, LT9-3269.

SAILING DINGHY - Fiberglass, compl w/dacron sail, alum mast, oars, excel cond. \$295. 929-4270.

BEETLE CAT SAILBOAT - In commission. \$400. Ext. 2101, 286-0384.

17' SAILBOAT - Fiberglass, w/cuddy cabin, fully equipped, dacron sails, excel day sailer for family. \$875. Ext. 2165.

EVINRUDE OUTBOARD - 3 hp Yachtwin for sailboat, used only 3.5 hrs. Ext. 343, AT6-8849.

LIGHTNING-RIGGED SAILBOAT - Dacron sails, fiber-glassed hull, anchor, etc, in water & ready to sail. \$475. Ext. 343, AT6-8849.

16' FIBERGLASS RUNABOUT - Sportcraft 1966, 40 hp elec start Evinrude 1966, in water. B. Garfinkel, Ext. 2263, 587-9372.

13' RUNABOUT - Fiberglass, 35 hp elec start, trailer, ready for water. Ray, Ext. 2314, 727-3463 after 6.

18' OUTBOARD - 1960 Commodore, '68 Johnson 65 hp, many extras, excel cond. \$950. AT6-1088.

Miscellaneous

12 GA SHOTGUN - Remington Model 870, w/ventilated rib, brand new. \$125. Barton, Ext. 396.

LADY KENMORE 16 LB WASHER - Coppertone, \$100; Emerson 19" color TV w/stand, \$100; 2 twin beds & mattresses, \$20; 1 roll away cot, 3/4 size, w/mattress, \$5. 281-6412.

LG CHEST OF DRAWERS - \$5; 2 table lamps, \$2 ea; kitchen set, table & 4 chairs, \$5; lazy susan & gravy boat w/tray, \$2.50 comp. 281-6412.

ROTARY LAWN MOWER - \$10; axe, \$1; buck saw, \$1; grass sprinkler, \$1; ironing board, \$2; elec can opener, \$2; step stool, \$1. 281-6412.

ACCORDION - 120 bass Gretsch, 5 treble, 2 bass switches, electronic pickups, excel cond. \$300. Al, Ext. 464.

BEDROOM STYLE CHAIR - Finished hardwood, padded seat & back. \$10. Ext. 7793.

WOODEN PLAYPEN - Hardly used, \$8; table lamp, \$1.50; potty chair, \$1.50; 2 snow tires, 7.50x14, used 1 season, \$15. 281-4722.

TAPE RECORDER - Uher 4000 Report-L (portable), great fidelity, 40-20,000 cps, 4 spds, excel cond, incl mike, storage battery, battery recharger. \$325. G. Farrar, Ext. 308, 602.

KITCHEN SET - White formica, marble, 6 chairs, leaf. \$50. C. Livant, 473-8578.

22" ROTARY MOWER - 3 hp Briggs & Stratton, \$20; 18" Toro s.p. reel mower, \$45; Garod am/fm/sw radio w/76 phono in wood cabinet, \$25. Ext. 2357.

FIGURE SKATES - British tempered steel, size 6 1/2, \$6; Teetertot, \$7. Ext. 2357.

DIN RM SET - W/4 chairs, fruitwood, oval, 56" long w/extensions up to 92". H. Atkins, Ext. 2889.

BABY ITEMS - Jump seat, \$3; spider walker seat, \$2; infant's tote seat, \$2. J. Conant, Ext. 7804, AT6-2266.

SURFBOARD - Cutlass Custom 9'6", excel shape, used 1/2 season. \$80. 286-0785.

2 CAMERAS - Yashica 2.8 auto subminiature, \$30; Kodak Instamatic (auto film transport), \$11. L. Baker, Ext. 591.

GERBILS - 2 mos old, males & females. \$1.50 ea. Ext. 2337.

PIN UP LAMP - 50¢; Proctor Silex ironing board, \$2; grass trimmer, \$1; grass sprinkler, \$1; 25' hose, \$1; colonial type elec lamp, \$2. 281-6412.

LG PONY - Gentle, saddle & bridle. \$75. Pat, 924-8539.

KODAK CAROUSEL SLIDE PROJECTOR - Model 650, excel cond. \$50. Cohen, Ext. 454.

ALL TRANSISTOR TAPE RECORDER - Archer-Porti-tape II, battery powered, microphone incl, excel cond. \$7. R. Weston, Ext. 2584.

8' CAMPER - Slides on pickup truck, sleeps 4, self contained. 289-4776.

LOCKING GAS CAP - For VW bus or camper, 3 keys incl, like new. \$5. Warren, Ext. 7677.

ENCYCLOPEDIAS - Funk & Wagnalls compl w/year-bks. \$50. 325-0602.

STEREO TAPE RECORDER - Voice of Music. Make offer. Bruce, Ext. 395 after 5.

MEDITERRANEAN DIN RM SET - Fruitwood table w/leaf, 6 chairs, 2 w/arm rests, lg matching hutch, 2 yrs old. \$300. John, 475-6762.

APACHE FALCON CAMPER - Sleeps 4, soft top. B. Foster, 289-0183.

EICO ST-40 AMP & ST-96 TUNER - Am-fm. \$75 or best offer. D. Hirst, Ext. 2938, 286-3912.

ZENITH 21" TV - 2 yrs old, \$125; 78" couch, wine color, \$100; drop leaf maple table, \$10. GR5-1940 after 5.

SOFAS - 2 sections w/table, \$20; baby stroller; rolled & pleated bckt seat, \$10; car seat, \$5; accordion, \$100. George L., Ext. 7581.

PORTABLE DISHWASHER - "Kitchenaid," formica top, 3 cycle, excel cond. \$125. 473-8784.

PUP TENT - 75" long, 39" high, 52" wide, w/free lantern, \$10; 1 din rm chair, \$2; white 3-legged stool, \$1; other inexpensive items. 281-4722.

AMPLIFIER - 25 mono, \$20; Eico pre amp, \$15; micro turn table w/Rekokut arm & Grado stereo cart, \$45. Ralph, Ext. 7352.

SEWING MACHINE - Elna (brand of Necchi), zig-zag, lg assortment of cams. \$40 or best offer. J. Roesler, 924-4290 after 5.

TRICYCLE - Used few times, med size, excel cond. \$8. Ext. 2230, YA4-6943.

AQUARIUM - 10 gal, w/air pump, tubing, thermometer, various chemicals & supplies. \$7.50 Ext. 2230, YA4-6943.

CRIB/PLAYPEN - Folds, portable, adjustable hgt, used 1 wk, in orig carton, \$15; bassinnet, white wood & wicker, folding legs. \$7. Ext. 2230, YA4-6943.

CHILD'S TABLE & CHAIRS - Metal & plastic, removable, \$3; child's folding wood chair, \$1.50; lamp, 90¢. Ext. 2230, 924-6943.

2 CHESTS OF DRAWERS - \$3.50 & \$2.50. Ext. 2230, YA4-6943.

16" BICYCLE - Boy's or girl's w/training wheels, 7 mos old. \$15. J. de Pillis, Ext. 539, 2933.

INFANT SEAT - Baby has grown. \$1.50. J. de Pillis, Ext. 539, 2933.

FURNITURE - 2 bookcases, brick & board, \$5 ea; desk chair on wheels, \$5. 281-4778.

8' ROLL UP DOOR - Wood w/windows. \$35. AT6-9304.

HORSE - Palomino, gelding, 8 yr, shown in pleasure classes, excel on trail riding. Halldis, AT6-8175.

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

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

YAPHANK - 3 bed rms, liv rm, din rm, den, finished basement, 1 + acre, 10 min from Lab, 5 min from Expwy. Ext. 2230, YA4-6943.

9 RM HOUSE - 2 baths, 4 bedrms, kitchen, din rm, den recently remodelled in Early Am, oil steam heat, city water, full basement, alum s/s, 2 stories, 60'x 130' lot, can be converted into 2 fam. Luccioni, Ext. 2950, 732-3762.

LAKE RONKONKOMA - Approx 1 acre, rolling & wooded building plot, walk to lake. \$5500. Bill, 878-2879 after 5.

SHOREHAM - Custom ranch on 1/2 treed acre, 7 1/2 rms, 2 1/2 baths, 3 bedrms, full basement, garage fireplace, 6% mort. \$28,000. Ext. 7542, 744-6427 after 6.

For Rent

1 BEDRM APT - Only 4 min from Lab, new refrig, kitchen, bath, liv rm. \$85/mo. YA4-6917.

PT JEFF STATION - 3 bedrm house, near schools, developed neighborhood, convenient shopping, immediate occupancy. Ext. 2373, 751-1315, 941-4298.

Wanted

CAMP STOVE - Heater, gasoline or propane; lantern; cooler; foam rubber mattress. 281-6412.

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

OLD AIR COND - Not working, must be very low cost or free. G. Hrabak, Ext. 2713.

3 1/2-5 HP OUTBOARD MOTOR - In usable cond, reasonable. Ken, Ext. 7581, 7586.

GENERAL HOME MAINTENANCE WORK - Remodeling, repairing, paneling, shingling, reasonable. 732-3762.

SENDING UNIT FOR SUN TACH - Model ST-602 for GM. Claire, Ext. 2131, 281-8306 after 5.

BABY SITTER IN MASTIC BEACH AREA - W/car, to sit occasionally for 2 girls. Lee, Ext. 7637, 281-3259 after 6.

EXHAUST MANIFOLD - Left side for '62-352 cu in Ford. Bill, Ext. 2713.

GUITAR - Martin or Goya, used. Sherman, Ext. 2341.

LADIES SOFTBALL - Field #4 every Tues, come on down & have some fun. Joyce, Ext. 7359.

FLOWER POTS - Any shape, size, color; making something very interesting! Joyce, Ext. 7359.

BACK IN THE CAFETERIA - The lovely blonde with the beautiful smile, back to greet the men; her name was Michele. Lonely guys in AGS.

USED CAR - '63-'64, med size, good cond (Chevelle, Skylark, Tempest, Dart, etc.). Cas, Ext. 362.

HANDYMAN - Repair toaster & record player. Ext. 2492.

SOMEONE W/AUSTRIAN FLAG - For Mobil-gas game, to split \$5000 3 ways. T. Browne, 476.

SHOTGUN SHELL RELOADING EQUIPMENT - 16 ga. M. Cauter, Ext. 2800.

LADY'S BICYCLE - 3 spd. S. Pasternack, Ext. 2341.

CERAMIC TILE INSTALLED - Repair & panelling. AT6-9304.

Carpools

TO JOIN CARPOOL - From Dunton Ave/So. Country Rd area, E. Patchogue. Ext. 7758, 286-8455.

DRIVER - Existing carpool, Centerach area. C. Ferraro, Ext. 591.

DRIVER - Wishes to join or form carpool from Miller Place. Casey, Ext. 2745.

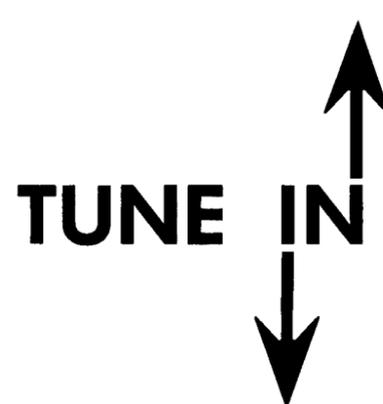
DRIVER FOR EXISTING CARPOOL - W. Patchogue-Prospect area. J. Costanzo, Ext. 548.

Lost & Found

LOST - Green & Yellow bathing suit, on 8/11 in shower rm of gym. O. Lazareth, Ext. 7323.

LOST - Tennis racket in locker rm, Fri 8/1, green cover, Bethesda sport mart. G. Latham, Ext. 386.

FOUND - Sterling silver cross in ladies' locker rm on 8/11. Jen, Ext. 2114.



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.

For Sale: Auto & Auto Supplies
 For Sale: Boats & Marine Supplies
 For Sale: Miscellaneous

Wanted
 Carpools
 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