



Crystallographers Elect Officers

The American Crystallographic Association (ACA) has elected new officers for 1969 and completed plans for a meeting in Seattle from March 23 through 28.

There are 1,650 members of the association which is concerned with the study of the structure and properties of solid-state materials. It is a member society of the American Institute of Physics.

The new President is Dr. Walter C. Hamilton, Senior Chemist at BNL. He succeeds Dr. Sidney C. Abrahams of Bell Telephone Laboratories. Dr. Hamilton studied in Oklahoma and Switzerland before receiving his Ph.D. degree from the California Institute of Technology. He has been a chemist at Brookhaven since 1955.

Dr. David P. Shoemaker of the Chemistry Department at Massachusetts Institute of Technology, is the Association's new Vice-President and will succeed automatically to the presidency next year.

Dr. Robert A. Young, Professor of Physics at the Georgia Institute of Technology, has started a three-year term as Treasurer, succeeding Dr. Robinson D. Burbank, of Bell Telephone Laboratories. Dr. William L. Kehl, Gulf Research and Development Company, Pittsburgh, continues in office as Secretary of the ACA.



Walter C. Hamilton

Scientific sessions will take place in the Seattle Pacific Science Center, the former U.S. Science Pavilion built for the 1962 World's Fair, and will include discussions of crystal structures at high pressure, biological and organic structures, organic and inorganic structures.

A banquet will be held on Thursday evening, March 27, at the Science Center with the traditional past president's address by Dr. Abrahams.

The Local Chairman for the Seattle meeting is Professor George H. Stout, Department of Chemistry, University of Washington. Another committee member is Dr. Elinor Adam, Department of Biological Structure, University of Washington School of Medicine.

The next major meeting of crystallographers will be the Eighth International Congress of Crystallography to be held at Buffalo and Stony Brook, New York and Washington, D.C. from August 7 through 27.

Cooking Exchange

The next meeting of the Cooking Exchange will feature a demonstration of special spring holiday cooking. This meeting will be held on Thursday, March 27, in the Apartment Area Recreation Building from 3 to 5 p.m.

A contribution of 50¢ will be requested from each adult to pay for the cooking demonstration and the babysitters.

Exhibit Friday

There will be an exhibit of Digital Read-Out Test Equipment by the Hickok Electrical Manufacturing Company, this Friday, March 21st at 1:30 p.m. at the Instrumentation Building.

Mr. Harry J. Fallon, Sales Manager and Mr. Rod Holt, Design Engineer will be the hosts.

Tape Calls For Increased AUI Involvement With Academic And Federal Establishment

In a press conference at AUI Headquarters in Washington last week, Dr. Gerald F. Tape, newly designated president of AUI, said that he would work to "strengthen, and to increase our involvements both with the academic community and the Federal research establishment as a whole."

Dr. Tape resigned from his position as commissioner of the AEC to become President of AUI, effective "sometime after the 15th of April." In accepting with regret the resignation, President Nixon said: "I wish to express my appreciation for your devoted efforts to ensure welfare and security of the nation while serving in this capacity and also, your offer to assist in the work of the Commission. My best wishes to you in your new appointment as President of Associated Universities."

Seaborg Comment

AEC Chairman, Glenn T. Seaborg, commenting on Dr. Tape's departure from the Commission, said . . . "I want to congratulate my colleague and friend, Commissioner Gerald F. Tape, on his election as President of AUI. But, in another sense, we shall be very sorry to see him leave the Commission . . . He will be sorely missed. Dr. Tape has carried a very large share of the burden and has rendered invaluable service to the AEC and the Nation."

"Although Dr. Tape's presence on the Commission will be severely missed, we are pleased that his new position will afford him the opportunity to continue to provide counsel on our atomic energy programs."

Speaking for AUI, Dr. Franklin Long, Acting President, said: "It is a source of great satisfaction that someone who has been a part of our organization has come back. He's come back after over five years with the Commission, which means that he knows in greater depth what the problems of the AEC are, and he also has had five years of Washington so he knows a great deal about the general context of Federal research and development."

Tape's Statement

After Dr. Long introduced Dr. Tape to the press conference, Tape made the following statement: "I am delighted to be able to accept the offer of AUI and to become president again. I had had a very long association with Brookhaven especially, having been there about 13 years. I know many of the people still at both Brookhaven and at the National Radio Astronomy Observatory. I very much enjoyed working with them at the time I was

there, and I certainly look forward to returning, and working with these two very great institutions again. I have become very much impressed with what I consider to be the strength of our national institutions, such as the national laboratories, the AEC, NRAO, and in my opinion, these tremendous institutions and the strengths which they can bring to the R & D program of the federal government, really must be continued, and exploited. One of the major problems of these past years, especially the most recent years, has been in the general financial support of science, development, basic research. Not only the university institutions have felt this pinch, but national laboratories have felt it as well. I believe that there is much that can be done to see to it that the programs of



Gerald F. Tape

there, and I certainly look forward to returning, and working with these two very great institutions again. I have become very much impressed with what I consider to be the strength of our national institutions, such as the national laboratories, the AEC, NRAO, and in my opinion, these tremendous institutions and the strengths which they can bring to the R & D program of the federal government, really must be continued, and exploited. One of the major problems of these past years, especially the most recent years, has been in the general financial support of science, development, basic research. Not only the university institutions have felt this pinch, but national laboratories have felt it as well. I believe that there is much that can be done to see to it that the programs of

these institutions mesh and are well related to the needs of the academic community. So I look forward to getting back and working with my friends and seeing what we can do to strengthen, and to increase our involvements both with the academic community and the Federal research establishment as a whole."

Decision to Leave AEC

When questioned about his decision to leave the AEC at this time, Dr. Tape replied, "The presidency of AUI has been vacant since last July when Dr. Glenn resigned and Dr. Long has been serving in the interim. The trustees of AUI did approach me and asked of my interest, and I expressed a keen interest in the position. Leaving at this time is simply a question of making up my own mind as to what I wanted to do. Did I want to stay with the Commission, stay in the government? Did I want to look at other avenues of interest? And in exploring all of these, I decided that I wanted to go back to AUI. I could add more. Some people have asked whether or not there were things in the Commission that I was disgruntled with or something like that, and the answer is categorically no. My only wish is that I could do both jobs at the same time. I find them both so interesting and challenging."

No Changes Planned

Dr. Tape was asked: "Do you plan any changes in the operation of your two existing facilities, either at Brookhaven or Green Bank?" He answered: "I have no plans at the present time. I want to get back in and work with the two laboratories to see what their current problems are. I am fully aware of the funding limitations and aware of the trends in which there is greater emphasis being placed in some of



Franklin Long

the social and environmental problems. I am sure that there will have to be more and more regional pooling and getting together to attack research problems and joint efforts. The work AUI has done in this area has led the way in the past and I do not see why it shouldn't lead the way in some of these areas in the future."

Dr. Tape was asked if there had been any substantial reduction in funds to AUI. He commented: "No. It has not been so much a total reduction in dollars, but given inflation; given the cost of doing work; it has resulted in less manpower. So, from the point of view of those in the laboratories, it has looked like a reduction, and it has been, in that sense. But here I am hopeful that we can continue to convince people of the worth of the types of scientific research programs where they fit into the national picture, that indeed adequate support is justified. We want to do this both within the government, do it publicly, through educational processes and by getting together where the interests of larger groups of people are represented. I think this will find some ears that will be sympathetic."

French Group of BNL

The next meeting will take place at 8:30 p.m., Monday, March 24, at the Brookhaven Conference Center. Mr. Marcel Blistène will return to BNL for his second and last lecture, entitled "Jean Cocteau, Poete de l'Ecran."

A donation of \$1.00 per person will be collected.

Daddario Lectures

At Theatre Tonight

Congressman Emilio Q. Daddario will give the eighth AUI Distinguished Lecture tonight at 8:30 p.m. in the BNL Theatre on Brookhaven Avenue.

Daddario, who will speak on "Shaping the Environment of Federal Laboratories," is chairman of the House Subcommittee on Science. He will be introduced by Lab Director, Dr. Maurice Goldhaber.

After the conclusion of the lecture, an informal reception for the speaker will be held at the Brookhaven Center.

Coming Attractions

- 3/20 AUI Lecture
"Shaping the Environment of Federal Laboratories"
Congressman E.Q. Daddario
- 3/24 Hospitality Coffee - 10 a.m.-12 noon
Apartment Area Recreation Building
- 3/27 BERA Movie
- 4/1 BERA Concert
Jerome Rose
(Berkner Hall - 8:30 p.m.)
- 4/3 Passover
BERA Movie
- 4/4 Good Friday
- 4/6 Easter

Marine Resources Research Explained



Philip Palmedo, Colloquium chairman of the Department of Applied Science, (left) and Clarke Williams, former Deputy Director of BNL. Williams described the current work and the future plans of the Marine Resources Council of the Nassau-Suffolk Regional Planning Board, of which he is the Research Administrator.

—Humphrey

Manila Exhibit Well Received

Now that our program has passed the halfway mark, I am again reporting to BNL friends. I can state in all sincerity that our efforts have been highly successful, as evidenced by the fact that the five Americans on the Exhibit staff have been kept busy seven days a week. While this may have saved me from getting into trouble in the local niteries, it has also prevented me from doing any shopping or sightseeing. None of us, however, came here to be tourists. There is plenty of pleasure to be derived from working with these very charming and gracious people.

The many Filipinos I have met have been most courteous, and obviously grateful for all assistance. Although many of them are unashamedly covetous of our collection of reference works, not one item has disappeared from the shelves. I am therefore continually surprised when I find the daily papers filled with accounts of muggings, robberies and murders, many of them right in the heart of Manila. Also, it comes as a shock to see so many civilians carrying guns at their belts. In fact, some places of public entertainment display notices requesting citizens to check their weapons before entering. Fortunately, none of us have had any first-hand encounters with this violent segment of the populace. All our dealings have been with a class of persons who show up well against Americans in terms of courtesy, gentility and respect.

Manila Traffic

The traffic in Manila is enough to strike terror into the heart of anyone who is not imbued with the spirit of the most daring type of poker player. Since there are very few traffic lights, a driver at a crossroads must outbluff the streams of vehicles approaching him from either side. The local charioteers all seem supremely confident that the other fellow's brakes are in good shape, but judging by the number of accidents and crumpled car bodies I see this confidence is often misplaced. The most ubiquitous form of public transportation is the jeepney, a converted war-surplus jeep, lavishly decorated with intricate patterns, chrome, reflectors and pennants. As many as twelve passengers can be crammed into these colorful vehicles.

Perhaps I am sadistic in describing the local weather, since I have been hearing about conditions in the Northeast. I will therefore skip the details, but merely state that my raincoat is gathering dust in the closet, and that the only time I have worn a jacket is at a couple of formal Embassy affairs. To temper your envy, I should point out that our air-supported building is entirely windowless, so except for a brief emergence for lunch, I am more conscious of the sticky heat inside than the glorious sunshine outside.

Gourmet News

The last time I wrote I mentioned the lack of opportunity to sample the native menus. Since then, however, I have been



Dennis Puleston and his two assistants in the AEC Technical Information Center at the Manila exhibit.

trying a number of Filipino dishes, and find them all of interest. There are many ways of preparing rice; one variety can be ground into flour, mixed with coconut, boiled in the form of a cake, and served with brown sugar. An improbable but quite tasty dish is a slice of unripe mango spread with a paste of smoked shrimp. And I have finally taken to attempting a delicacy named balut. This is a duck or a chicken egg cooked when close to the hatching stage. To anyone bold enough to try one, I suggest it is either eaten in a dim light or with the eyes shut tight. Under these conditions, the results are surprisingly pleasant.

—Dennis Puleston

Brothers Four and Baja Marimba Band Is BERA Special

The spring double header sponsored by BERA will not be a ball-game, but will be an evening of superb entertainment featuring two of the top musical groups.

This annual special event, subsidized by BERA, will be presented on Saturday, May 3rd in the BNL theatre. For two weeks after ticket sales open next Friday, sales will be made only to Lab employees and their families and guests. After that, tickets will be sold to the public until the theatre is filled to capacity.

Reserved seats will be sold for \$6.00 each, with a special rate of \$4.50 each for employees and their immediate family.

Hospitality News

A luncheon for all area chairladies of the Hospitality Committee was held Tuesday, March 11, at the Brookhaven Center. The purpose of the meeting was to plan the next semiannual tea and sherry party, which will be held on Wednesday, May 7. Please watch the Brookhaven Bulletin for further information about the tea.

The next regular Hospitality Committee coffee meeting will be held on Monday, March 24, from 10 a.m. until noon in apartment 6-C. A beauty counselor, Mrs. Barbara Wood, will be our guest; and she will demonstrate makeup techniques.

Everyone is welcome. Make it a point to look your worst — you may be chosen as a model.

Here and There

Dolores del Castillo

A.O. Allen (Chemistry) went on a lecture tour of American Chemical Society local sections in the Northwest recently. He spoke on "Radiation Chemistry Today" to six sections in the states of Washington, Idaho, Montana, Wyoming and Utah.

Walter C. Hamilton (Chemistry) is the new President of the American Crystallographers Association. He succeeds Sidney C. Abrahams of Bell Telephone Laboratories.

Alfred Wolf (Chemistry) recently gave a seminar at Case Western Reserve University. He also served as a session chairman at the Conference on Medical Applications of Shortlived Isotopes held at Washington University, St. Louis.

Victor W. Cohen (Physics) will serve as a visiting lecturer at Wofford College, Spartanburg, South Carolina. He will visit under the auspices of the American Association of Physics Teachers and the American Institute of Physics as part of a broad, nationwide program to stimulate interest in physics. The program is now in its 12th year and is supported by the National Science Foundation.

H.W. Siegelman recently represented the Biology Department at the meeting of the AEC Bio-Medical Program Directors, held at the University of Utah in Park City.

At the recent Biophysical Society meetings held in Los Angeles, the following members of the Biology Department presented papers: Alice J. Burton, Richard G. Cutler, Robert L. Heath, F. William Studier and J. Philip Thornber. John M. Olson chaired a session at the meeting, and Carl F. Blackman was an attendee.

Joel S. O'Connor (Biology) presented a seminar on "Evolution of Photosynthesis" at the Department of Biology, University of Chicago and at the University of California.

L. Raymond Fox (Biology) presented a seminar on "Photoresponses of Etiolated and De-Etiolated Peas" at the University of Oklahoma.

Softball Time

Entry applications may now be picked up at the Recreation Office for this year's Mens' Slo-ball Activity — the game everyone can play.

Last season we had 18 teams competing in three separate leagues. The games are played immediately after work at our Recreation Park which features four diamonds. Each team is usually scheduled to play once a week generally on the same day each week. Uniforms are not required.

At this time the Softball Committee is meeting to draw up plans for the coming year. If you would like to help or wish to join the Committee, call the Recreation Office on Extension 391.

April 11 — Deadline, Last Year's Teams
April 15 — Deadline, New Teams
May 5 — Opening Day

BROOKHAVEN BULLETIN

Published Weekly for the Employees of Brookhaven National Laboratory

CARL R. THIEN, Editor
DOLORES DEL CASTILLO, Editorial Assistant
CLAIRE LAMBERTI, Copy Preparation
40 Brookhaven Ave. Upton, N.Y. 11973
Telephone 516 924-6262 Ext. 7238

NORBERT J. DERNBACH
Public Relations Officer

In Memoriam

John T. Clarke of the Department of Applied Science died on March 14. He was 57 years old.

After receiving his Ph.D. in Physical Chemistry from Ohio State, Clarke worked with Ohio State; the National Bureau of Standards; Texas Company, N.Y.; and the Ethyl Corporation. In 1961, he joined the BNL staff as a chemist.

Among his major scientific interests were the application of thermodynamics and kinetics to the production of petrochemicals; surface measurements using Kr⁸⁵; and high temperature Carbon-H₂ reactions.

He is survived by his wife, Judith, and three children, Thomas, Roger and Ann.

Arrivals & Departures

Arrivals

Elsie S. Hnatik..... Staff Services
Anil K. Mukherji..... DAS

Departures

Manuel Checa..... Medical
Joseph P. Hannwacker..... Accelerator
Leslie W. Oleksiuk..... Accelerator
Joyce M. Wowak..... Dir. Office

Cafeteria Menu Week Ending March 27, 1969

Friday, March 21	
Coney Island Clam Chowder	
Veal Cutlet/Tomato Sauce	.65
Baked Haddock Fillet/Lemon Butter	.65
Deep Fat Fried Fillet of Cod	.65
Cheese Omelet	.55
Western Egg Hero	.65
Monday, March 24	
Chicken Rice Soup	
Roast Round of Beef/Natural Gravy	.65
Chili Con Carne/Steamed Rice	.60
Grilled Pork Chop	.65
Western Omelet	.55
Sloppy Joe Hero	.65
Tuesday, March 25	
Fresh Vegetable Soup	
Veal Steak Parmigiana	.65
Baked Stuffed Green Pepper	.65
Chicken Croquettes/Parsley Sauce	.60
Sausage & Pepper Hero	.65
Wednesday, March 26	
Navy Bean Soup	
Roast Tom Turkey/Celery Dressing	.65
Baked French Loaf/Tomato Sauce	.65
Knackwurst & Baked Beans	.65
Meatball Hero	.65
Thursday, March 27	
Cream of Tomato Soup	
Chinese Pepper Steak/Steamed Rice	.65
Baked Ham Loaf	.65
Apple Pancake/Hot Maple Syrup	.60
Hot Corned Beef on Rye	.75

Recreation Office Ticket Service

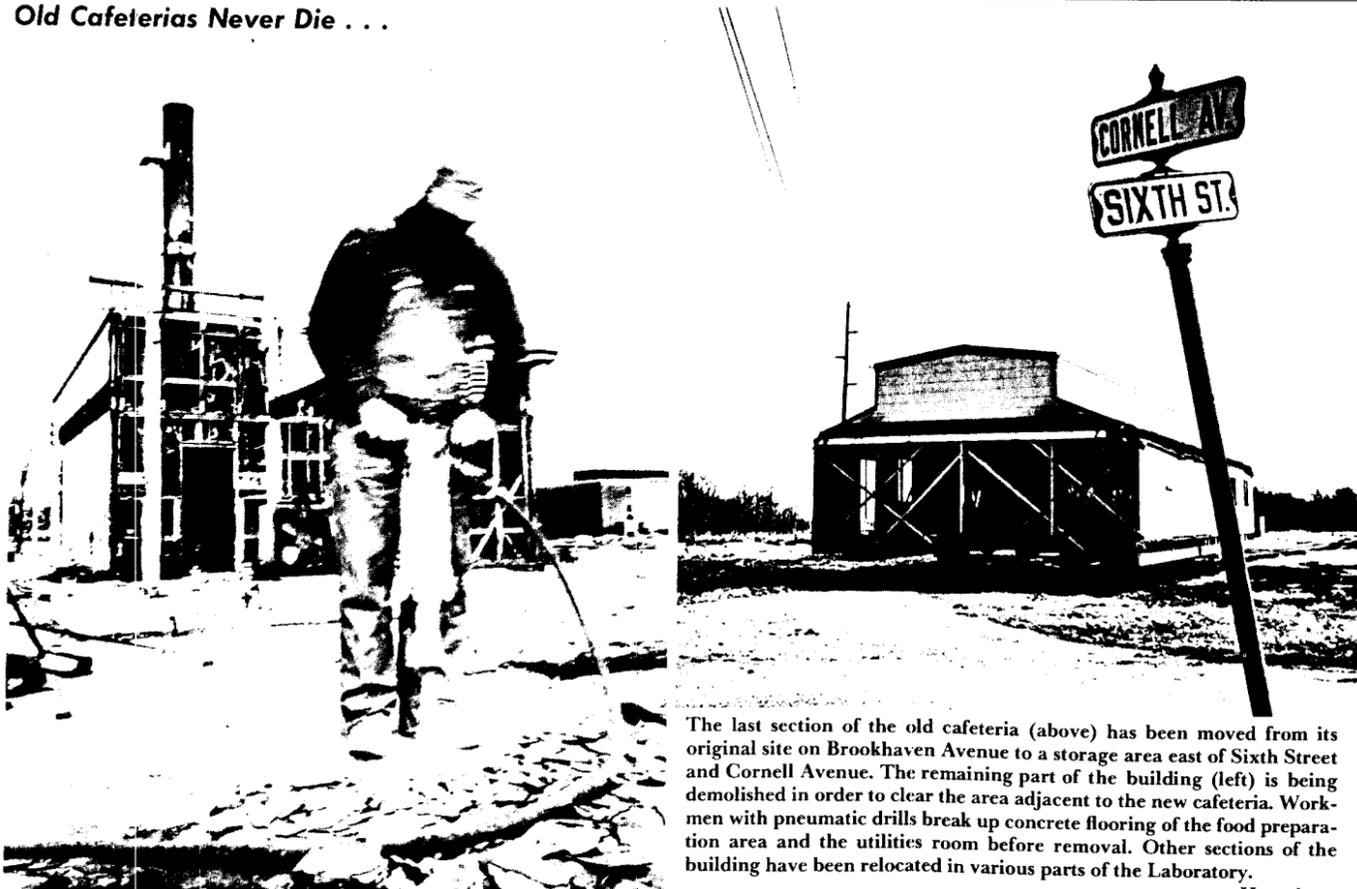
The following discount tickets are available at the Recreation Office.

- Madison Square Garden**
 - Ringling Bros. Barnum & Bailey Circus — April 1 through May 11
 - Ice Follies of 1969 — May 22 through June 1
- New York Colliseum**
 - International Automobile Show — April 5 through 13
- Long Island Arena**
 - Nets Basketball Games — March 21, New Orleans; March 23, Miami; March 27, Minnesota
- Wedgewood Theater**
 - Now through April 30
- Westbury Music Fair**

Ticket orders are now being taken for the following shows:

- "Don Rickles" — April 28 — May 11
- "Totie Fields" — May 13-18
- "Jerry Vale with Pat Cooper" — May 20-25
- "Alan King" — June 2-15
- "Buddy Hackett" — July 8-20

Old Cafeterias Never Die . . .



The last section of the old cafeteria (above) has been moved from its original site on Brookhaven Avenue to a storage area east of Sixth Street and Cornell Avenue. The remaining part of the building (left) is being demolished in order to clear the area adjacent to the new cafeteria. Workmen with pneumatic drills break up concrete flooring of the food preparation area and the utilities room before removal. Other sections of the building have been relocated in various parts of the Laboratory.

—Humphrey

Pianist To Perform At Berkner Hall

The sixth concert of the BERA Concert Series will be held on April 1, 1969, and will feature the musical artistry of Jerome Rose.

Jerome Rose, winner of nine awards in seven countries before his New York recital debut, is a pianist with "all the brilliant technique and intellectual insights of a virtuoso," to quote the San Francisco Chronicle.

Born in Los Angeles in 1938, he began to study piano at the age of four. After graduating from the Mannes College of Music in New York, where he was a pupil of Leonard Shure, he worked with Rudolf Serkin at the Marlboro School in Vermont. For the next four summers he studied and performed at the Aspen School of Music in Colorado. In 1961, he obtained his Master's Degree at the Juilliard School of Music, winning the Morris Loeb Award. During the same year he won a Fulbright Scholarship for study in Vienna, and First Prize in the International Busoni Competition in Bolzano, Italy.

After his New York debut in 1964, Rose divided his activities between recitals and concerts with orchestra. A highlight among the latter was his performance of the Emperor Concerto under Josef Krips at the Beethoven Festival of the San Francisco Symphony.



Regularly returning to Europe, he has toured in Italy, Norway, Sweden, Holland, Germany, Switzerland and is a special favorite in London which hailed his "first class piano playing from across the Atlantic." Noteworthy among his recent European appearances is his performance of Brahms' First Piano Concerto under Wolfgang Swallisch in Vienna. According to the Viennese press, he "is a virtuoso of outstanding technique; yet, he does not merely explode well sounding fireworks but makes music. He fascinated as an artist the highest caliber of technical proficiency and musicianship."

Among the works Rose will perform here at Brookhaven are Beethoven's "Six Bagatelles, Opus 126"; Schumann's "Concerto without Orchestra, Opus 14"; and Brahms' "Sonata No. 3 in F Minor, Opus 5."

The Concert will begin promptly at 8:30 p.m. and will be held in Berkner Hall.

Baseball Tickets

Don't wait!! Make your ticket reservations now for the 1969 New York Mets Baseball Games.

The Recreation Office is open every day from 9:00 a.m. to 1:00 p.m. to take your orders.

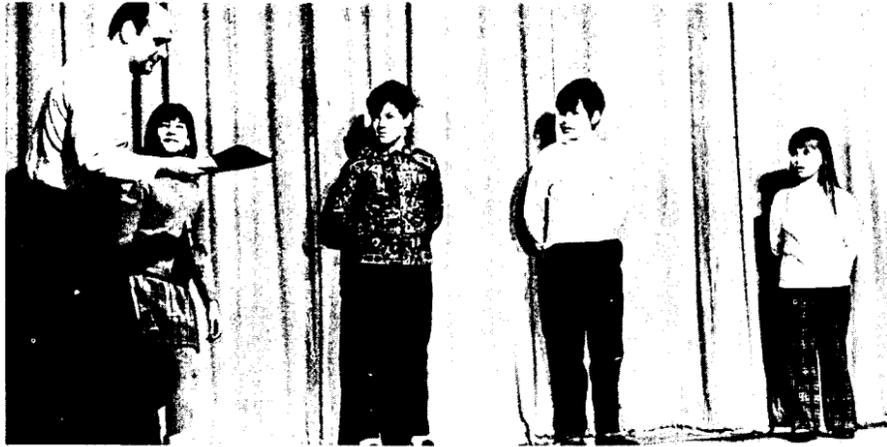
Ticket Practices -

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 Shea Stadium.

Gypsy Dance Routines Underway



"Uncle Jocko's Kiddie Show" assembles for a skit in "Gypsy." Bob Kinsey, as Uncle Jocko (left) talks to Debbie Counadis, Marc Barge and Dov Kahana. Priscilla Sanna, who plays "Baby June," watches at right. Photos by Scarlett Zuker



Denise Norden, as the grown up June goes thru dance sequence.



Becky Yemin, choreographer (back to camera) coaches Marc Barge as a dancing newsboy, and Martha Passel (right) who plays "Baby Louise."

Gypsy Brings Burlesque To B'haven Stage

A lavish musical fable based on the story of Gypsy Rose Lee, the stripper of pre-World-War II fame, will be presented at Brookhaven by a cast of 35 supported by a 31 piece orchestra.

The springtime musical will be presented in an elaborate way which will feature all of the elements which made the show a Broadway success.

For the first time in Brookhaven's history, the staid site of scientific lectures will now contain a runway for the use of strippers. There will be singing, dancing and emoting to the sensuous strains of the popular Broadway tunes. Lights and costumes will be the very best, guaranteed to make the show a sell-out success.

While Gypsy has not been rated for movie audiences, Director Jerry Friedman has been trying to decide whether an "X" or an "M" rating would be more advantageous. In any event, the final rating will be made by the audience.

Tickets for Gypsy will be on sale at the Recreation Office starting this Friday. All seats are reserved, so an early decision is in order to get the best seats for this important musical. Many people were disappointed when they bought seats at the box office the night of the performance for "The Roar of the Greasepaint." Best seats next to the runway are now on sale. After two weeks of offering to the Lab family, seats will be offered to the general public.

Bowling News

Irma Carl

Purple League

Bernard Jefferson won the first ABC award for the year, the triplicate emblem for three 169's. The Phoubars continue to win and now lead S & M by eleven points. It is tough to have a team average of 973 and still lose all the close ones. Dick Vogt led the way with a 202-212-584 series. He was followed by Jack Austen 202-205-563, Mike Iarocci 548, Joe Cuccia 210-538, Carl Cantera 523, Bob Smol 504, and Vinnie Felice 502.

Red League

The Sandbaggers still retain first and the Sparks have eased the Dimwits out of second. C. Buzzeo led this league with his 211, W. Kristiansen 209, J. Ferrante 206 and E. Meier 201.

Pink League

Pat Oster's 194 high game for the night sparked the Fizzles to a complete sweep over the Fiscal Assets, who are just barely hanging on to third place. The Medigals are back in first this week and no wonder - Kay Trautwein and Ann Kirkpatrick really zoomed in for some over-average games. Audrey Bangel and Pat Towey were in this category also. The Pink League lacks 500 series and 200 games but we have heart!!

In the March 6th Bulletin the Fiscal men's team offered their Fiscal Assets a challenge. OK men, we accept the challenge for a roll-off as soon as the regularly scheduled season for bowling ends. If we win you buy the refreshments; if you win you also buy the refreshments!!

Slo-Break Basketball

by Jack Brennan

Last Thursday night saw four of the closest games of the season. The Medical-Highball Game opened the action, with Medical winning 45-40 in double overtime, handing the Highballs their first defeat of the Second Half. John Marto had 16 points for Medical as did Bob McGonigle for the Highballs.

Physics almost won their first game as they were nipped in the last minute by the Stratums 22-20. Oscar Thomas had 7 points for the Stratums and Birgeneal 5 points for Physics.

The Knacks pulled ahead in the last five minutes to overcome a Rat Pack lead and won 38-29. Ed Gill with 13 points and Bob Casey with 12 points paced the Knack attack, while Lou Snead had 10 points for the Pack.

Biology lost the lead with 9 seconds to go as James with the last 2 of his 10 points gave AMD the win. Joe Abata had 13 points for Biology.

Standings -

Associated League

	Won	Lost
Knacks	6	0
AMD	3	2
Rat Pack	2	2
Biology	1	4
Old Timers	0	4

Universities League

Highballs	5	1
Medical	4	2
Stratums	2	4
Physics	0	6

Dollars and Sense

Leon Meshel

The Do's and Don'ts of the Tax Expense Deduction

by Frank Federmann

Taxpayers who itemize their tax returns may deduct many state and local taxes that they paid during the year. The following list of DO'S & DON'TS address themselves to the most usual situations.

DO DEDUCT AS TAX EXPENSE:

Individual sales taxes - the deduction can be determined by referring to the sales tax tables in the federal income tax instruction booklet. The amount indicated in the tables plus sales tax paid on extraordinary purchases (carpeting, furniture, automobile, etc.) should be used on the tax return. *State and local taxes on gasoline* - as with sales taxes, the federal government has established guidelines for this deduction. The federal income tax instruction booklet contains table which will give you allowable deductions. If you can substantiate a deduction which is higher than federal allowances, use the higher amount.

New York State Income Taxes - In order to arrive at this amount, add the amount withheld for N.Y. State income taxes (obtain this information by referring to your W-2 form or forms) to amounts paid to N.Y. State during 1968. (Estimated tax payments, balance due on 1967 tax return, and assessments for prior years).

Real Estate Taxes. You may deduct amounts actually paid to local taxing authorities during 1968. Be careful not to include payments made by your bank (mortgagee) and/or payments you made directly. Special assessments are generally not includable as real estate taxes.

DON'T DEDUCT:

- Federal taxes
- Admission taxes
- Auto registration fees
- Beverage or tobacco taxes
- Cosmetic taxes
- Drivers' license fees
- Excise taxes
- Gift taxes

In the event a taxpayer pays taxes as a business expense, although ordinarily not deductible as non-business expenses, some may be deductible as a business expense.

BERA Film Series

Thursday, March 27, 8 p.m. Berkner Hall

Tillie and Gus

In this classic comedy W.C. Fields is quite at home as a card shark, suspicious of fraud when he discovers that his niece and nephew are about to receive only part of their inheritance.

It is planned to show some movies about Cuba and Columbia made by two different groups for the next special bonus movie. The US Navy and the Newsreel Film Makers of New York present two opposite viewpoints to the economic and political turmoil in these two countries.

Subscription tickets are still on sale at the door before every movie showing, which entitle the holder to ten regular admissions and admission with one guest to all special bonus showings for which an admission fee cannot be charged. The tickets, which cost \$10. are good for one year from the date of purchase. Old subscription tickets may be used for admittance to any of the movies, regular or special bonus.

Light refreshments will be served after each showing.

Spring Movie Schedule

March 27	Tillie and Gus, with W.C. Fields
	Special Bonus Movie for subscription ticket holders only
April 10	Playboy of the Western World, with Siobahn McKenna
May 1	A Day at the Races, with the Marx Brothers

Swimming Pool Schedule

Daily Monday through Friday
12:00 noon - 3:00 p.m.
5:00 p.m. - 9:30 p.m.

Classified Advertisements

Positions Available

STATIONARY ENGINEER, SR. (1) - Plant Engrg. & Planning.
Application Deadline: March 31, 1969.

ELECTRICIAN A (1) - Plant Engrg. & Planning.
Application Deadline: March 31, 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

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

64 VW SEDAN - Orig owner, excel cond, defrost fan, new tires & muffler, r/h. Lew, SH4-5233.

66 CHEVROLET IMPALA STATION WAGON - V8, 9 psgr, auto trans, ps/pb, roof rack, tinted windshield, clean, Reese h tch. \$1950. HR2-0985.

64 COMET - 2 dr sedan, std trans, very good cond, must sell. \$575 or best offer. G. Bengtsson, Ext. 7574, 281-5463.

66 HONDA - 160 cc, 2400 orig mi, perfect cond, must sell. \$395 Dale, AT6-9225 after 6.

67 IMPERIAL CROWN - 4 dr hdtpr, fully equipped, in showroom cond. AT6-9260 eves.

67 CORVETTE - 4 spd 327, conv (2 tops), mags, side mounted exhausts, excel cond. GR5-0539.

63 INTERNATIONAL SCOUT - 4 w/d, only 12,000 mi, excel cond. 878-0792.

64 PONTIAC GRAND PRIX - GAT-19 must go, brown, ps/pb, a beaut ful machine, w/w, r/h, loving owners will accept reasonable offer. Ext. 602.

60 FORD FAIRLANE - 2 dr, r/h, auto trans, 6 cyl, blue. 281-8444.

62 FORD FAIRLANE - V8, auto trans, new brakes, tires, exhaust system & starter, r/h, trans gone. \$100. YA4-3082.

68 VW - Sunroof, Michelin X tires, FM radio. Ext. 2948, 286-8570.

63 CORVAIR - Rjns. \$100. AT6-9152 after 5:30.

63 VW - Std, green, new clutch disc, 59,000 mi, transferrable 3/31. \$500. Sato, Ext. 2515.

58 DODGE CARRYALL - Runs, extra set of wheels. \$50. O. Medeck, Ext. 315, EM3-6439.

3 NEW GENERAL TIRES - 6.50x13, w/rims, reasonable. Vinnie, Ex. 567.

62 BUICK LESABRE - 66,000 mi, V8, auto trans, ps/pb, r/h, excel cond, single owner. \$450. Wright, Ext. 7254, GR5-7589.

65 CHEVROLET SS 396 - 4 spd, very clean. \$1500. Frank, Ext. 481.

57 CADILLAC - 4 dr hdtpr, white, very clean, extra parts. \$400. Frank, Ext. 481.

57 OLDSMOBILE - Conv, good cond. \$125. D. Sweeney, Ext. 481.

57 FORD - 2 dr, 6 cyl, std trans, rebuilt '59 motor, good mech cond, passed inspection. \$100. Kay, Ext. 7119.

66 CHEVY IMPALA STATION WAGON - Blue, V8, auto trans, ps/pb, r/h, all extras work, excel cond, want new one just like it. \$1700 firm. R. Brown, Ext. 455.

65 DODGE CROWN STATION WAGON - Good tires, r/h, 6 cyl, auto trans, roof rack. R. Bergoffen, Ext. 7525, 286-8140.

61 FORD - 4 dr sedan, 6 cyl, recently rebuilt trans, ps, r/h, good cond. \$200. Hans, Ext. 686, MO1-0296 after 6.

65 BUICK WILDCAT - 2 dr hdtpr. \$1400. R. Gwathney, 589-8533.

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

66 VW "BUG" - White/red interior, r/h, snows & rims, very good cond, 30,000 mi. Bob, Ext. 7517, JU4-8492.

51 FORD 1/2 TON PICKUP - Compl motor overhaul, new clutch, fuel pump, radiator, 7 excel tires w/rims, body sound. \$200 firm. 732-3296 after 5:30.

63 RAMBLER STATION WAGON - 6 cyl, std trans, \$300; 65 Corvaire, 4 dr sedan, auto trans, dented fender & bumper, \$425. OV1-2629.

61 MERCURY COLONY PARK WAGON - Full pwr, excel running cond. Borg, Ext. 2924.

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

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

61 VW BUS - W/'66 53 hp eng, new tires. \$250. Ext. 7686, 7525.

64 IMPALA SS CONV - 327, auto trans, bckts, radio, many other extras, excel cond. D. Joel, AT6-9037 after 6.

66 INTERNATIONAL TRAVEL ALL - Excel cond. \$1550. Anita, AT6-1114, AT6-9157.

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

65 GRAND PRIX - 2 dr, ps/pb, bckts, auto trans on floor, excel cond. \$1195. Ext. 2247.

65 PONTIAC CATALINA - 2 dr hdtpr, turquoise, auto trans, V8, ps/pb, pwr windows, low mileage, excel cond. \$1150 firm. 281-5289.

Boats & Marine Supplies

23' SLOOP - Gil Smith design, dacron main, fiberglass hull, shelter cabin. Ext. 7233.

26' CHRIS CRAFT - 95 hp, sleeps 4, galley, head. \$1350. AT9-1873.

23' CONNELLY SKIFF - F.W. cooled, head, sink, foam rubber mattresses, L.P. gas, stove & light, Ritchie compass. \$1500. Lou, Ext. 2431.

27' CHRIS CRAFT - 185 hp eng, used 150 hrs, radio plus many extras, very clean. L. Emma, Ext. 642.

21' BAY CITY EXPRESS CABIN CRUISER - 95 hp in-board, f.w. cooled, used 3 yrs, must sell. \$2100. Petruk, AT6-0124.

8' HYDROPLANE - 6 mos old, used 4 times, plywood, fiberglass seams, steering wheel. \$30. Ext. 597, AT6-0436.

14' FLYING TERN - F.G. sloop, alum mast, dacron sails, spinnaker, trailer, other extras, ready to go, inexpensive fun. Ext. 2993.

Miscellaneous

RELAX-A-CIZOR - Like new. Orig cost \$250, will sell for \$50. M. Smith, Ext. 664.

WHITE BEDRM SET - 1 yr old, reg dble bed, chest of drawers, dble dresser w/mirror, night table, dble mattress. \$375. 281-4528 eves.

PIANO - Baldwin Acronsonic Spinnet, mahog. \$200. Ext. 2203, AT6-0866 after 6.

MANTLE & CUPBOARDS - Removed from 130 yr old house in Bellport. L. Decker, Ext. 2431.

PLAYPEN, HIGHCHAIR, CRIB & MATTRESS - \$15 takes all. S. Fox, 286-8269 after 4:30.

CONTEMPORARY HIGHBACK CHAIR - Blk & white polka dot, 6 mos old. S. Fox, 286-8269 after 4:30.

CB TRANSCEIVER - Lafayette HB525C, 23 channel, less than 1 yr old. Cost \$150, sale price \$75. R. Rokenius, 744-2797.

BUILT-IN ICE BOX - 2.5 cu ft cap, for boat or camper, approx size 20"Wx14 1/2"Dx22 3/4"H, new cond. \$18. R. Sollanek, Ext. 7111.

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

SIAMESE KITTENS - 7 wks, sealpoint, male & female, excel temperament, talkative, CFA reg. M. Tainiter, Ext. 2728.

HARDWICK 36" - 4 burner oven w/clock & timer, built in light. \$40. 281-7039.

POLAROID CAMERA 95B - Compl w/leather case & extras, special lens & light meter. \$60. 281-7039.

BABY GERBILS - Fat & sassy. \$2 apiece. 286-9764.

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

SHOTGUN - 12 ga, bolt action w/2-shot clip, adjustable choke. \$25. 924-3824 after 5:30.

SINGLE BED - Compl w/mattress, box spring, headboard & frame, \$15; wood 28" extension ladder, excel cond. \$10. 473-7667.

OVERSEA CHEST - Antique spinning wheel. AT6-0652.

FLY THE FRIENDLY SKY OF LONG ISLAND - Where the fun never sets, low-cost introductory flying deal, single or group. A. Roesch, Ext. 7667, 2413.

SAXOPHONE - Conn standard B flat tenor w/case \$90. Jim, 751-2095 after 6.

BUFFET BROILER - Westinghouse, new, still in box, 110 AC, ideal for apt or camper, oven, broiler, fry pan. \$12. Jim, 751-2095 after 6.

BABY ITEMS - Playpens, net/canopy, \$7; wood slat, \$10; scale, \$5; Hedstrom carriage/stroller/car bed, \$15. Jim, 751-2095 after 6.

FIREPLACE WOOD - 325-0567, 727-0271.

GARRARD RC88 RECORD CHANGER - W/GE Reluctance cartridge, Monaural, excel cond. \$5. Ext. 609.

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

GE "PRESS TYPE" IRON MACHINE - Almost new, for laundry rm. \$50. JU5-8322.

KITCHEN EXHAUST HOOD & FAN - Approx 30", new. \$15. JU5-8322.

GERMAN SHEPHERD (1/4-COLLIE?) PUPS - Both male (AKC) & female parents I own, whelped 2/11, 2 males, 3 females. Ext. 2984, 281-5771.

ST BERNARD PUPS - AKC reg, 3 males, 1 female, being shown now. \$150 up. Ext. 418, 732-3443.

MOTHER IS A DACHSHUND - Father is a Chihuahua, 4 darling puppies, 2 boys, 2 girls, look like mother. \$10 ea. Ext. 7637, SE2-3376.

BATHTUB - 5', mod, light weight, excel cond. \$15. JU5-8322.

2 ELEC MOTORS - \$5 & \$10 ea. Francois, Ext. 470, EM3-6527.

2 GUN TYPE OIL BURNERS - \$10 ea; also various controls. Francois, Ext. 470, EM3-6527.

12'x12' UMBRELLA TENT - Exterior frame, station wagon attachment & tent heater. \$25. Francois, Ext. 470, EM3-6527.

CRIB - Compl, excel. \$10. Francois, Ext. 470, EM3-6527.

CAMERA - 35 mm Argus C-44, f 2.8, light meter, case, flash, set of filters, just serviced. \$25. Francois, Ext. 470, EM3-6527.

POLAROID SWINGER - Model "20", good cond, case. \$10. K. Lou, Ext. 536.

10 GAL AQUARIUM - Incl s/s light, hood, thermometer, 75w heater, excel cond, 1/2 off orig price. \$7. J. DiSiena, Ext. 2328.

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

8' SOFA - Foam rubber, suitable for basement or rumpus rm. \$10. J. Reynolds, Ext. 468.

SKI BOOTS - Ladies' size 7, dble lace, made in France, very good cond. \$15. G. Fogarty, AT6-8952 after 5.

CARRIER AIR CONDITIONER - 3/4 hp, 8700 BTU, used, in good cond. Asking \$40. Kazdin, Ext. 7575.

STEREO CARTRIDGE - Empire 888SE, excel cond. \$50 new, will sell for \$35. Hans, Ext. 686, MO1-0296 after 6.

STEREO CARTRIDGE - Empire 999VE, new, used once. \$75 new, will sell for \$60. Hans, Ext. 686, MO1-0296 after 6.

KEYSTONE 8MM MOVIE CAMERA - W/telephoto lens, \$20; movie screen, \$4; buy both for \$22. Ronnie, Ext. 2341.

MEN'S SKI BOOTS - Rieker, 10 wide, lace-tape dble boots. \$10. Borg, Ext. 2924.

KING SIZE ROTISSERIE-BROILER-OVEN - "Black Angus," bakes, roasts, broils, barbecues, grills, fries, toasts & boils, like new, plastic cover. \$30. Ext. 416, 732-3296 after 5:30.

HAMSTERS - Weaned & cuddly, 7 wks old. 50¢ ea. Hinckley, 286-3438.

HORSE - 6 yr old gelding chestnut w/Western tact. \$350. Sandy, HR2-0622 after 6.

BABY CARRIAGE - Biltrite coach, excel cond. Orig cost \$125, sell \$35. Ext. 7684.

DISPLAY "HOSPITAL SHIP" - 3 1/2' long, completely handmade. \$45. G. Banka, Ext. 7420.

64 APACHE EAGLE - Awning, spare tire, ozite carpeting, stove, portable toilet, sleeps 4, good cond. \$425. Ext. 7196, 286-3739.

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

BLITZ-KART - MC9 eng, live axle, drum brakes, upholstery, slicks, starter. \$50 firm. Al, Ext. 2592, 589-7358.

BLK CHINCHILLA BAR - Approx 3' long on 5' table, opens for glasses, liquor & storage, very good cond. \$50 compl. HR3-9180.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

DISHWASHER - GE Mobil Maid, model 5M301, 3 yrs old, perfect cond. \$125. AN5-6766.

VERMONT - Year round vacation house, 2 bedrms, knotty pine liv rm, fireplace, 1/2 acre, near Killington ski area & several lakes. L. Emma, Ext. 642.

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

For Rent

APT - Wading River, 3 1/2 rms, unfurn, at beach. Hill, 929-6132.

BELLPORT - July 1 - Labor Day, 1 bedrm cottage, near water, newly furn. Ed, Ext. 2251.

Wanted

TO GIVE AWAY - Boys' skates, size 6. MacKenzie, Ext. 572.

MARACAS, TAMBOURINE - Reasonable. HR3-6063.

TO RENT - 2 bedrm house or apt, 20 mi radius from Lab, Aug occupancy. J. Larrie, Ext. 2204, 732-3815 after 6.

DOGHOUSE - For lg dog, reasonable price. J. Leddy, Ext. 2180.

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

BABYSITTER - For occasional afternoons or evenings w/4 mo old, will trade babysitting, Pt Jefferson Sta. 473-7918.

EL TORO - W/sails, reasonable price, in fair cond. Dale, 744-2069 after 6.

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

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

LOVE & BOARD - 2 yr old male cat needs good home, altered & denailed, good w/children. Bill, Ext. 369.

HOUSE TO RENT - Unfurn, 3 or 4 bedrms, Shoreham to Pt Jeff, from 6/15/69. 286-1276.

POSITION - Will babysit for working mother in my home, will provide trans if needed. 744-4978.

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

TO RENT - Furn apt close to Lab, May to Sept. Lau, Ext. 2813.

TRADE - 4 track stereo tape recorder, plays reels & cartridges, orig cost \$350, for stereo record player, approx value \$100. 289-8246.

DIMES - Mercury head, will pay 15% over face. A. Roesch, 7667, 2413.

SILVER QUARTERS - 1934-D & 1939-S. Paul, Ext. 2968.

HOME - For female cat, spayed, all white, 4 yrs old, indoor or outdoor pet, very clean. June, Ext. 7439.

TENT - Approx 10'x10' size, used but in good cond. A. Rosenka, Ext. 445.

SET OF WEIGHTS FOR 14 YR OLD - M. Helfant, Ext. 2278, 2348.

HOMES - For pretty blk kittens, 6 wks old. Watson, 929-4413 after 6.

STROLLER - In reasonable cond. 744-5448.

MEN'S HOCKEY SKATES - Size 9, in good cond. MacKenzie, Ext. 572.

SERVICE MANUAL - For 1960 Renault 4CV. Wally, GR5-4103.

OLD ELEC TRAINS - Any make, any cond, lg or sm, Lionel, Ives, American Flyer, etc., made before 1941. Andy, Ext. 7642 nights, HR3-3077 days.

ORDERS FOR MODEL SHIPS - Made to your specs. G. Banka, Ext. 7420.

TO RENT - Studio or 3 rm apt, Commack, Ext. 2723.

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

Carpools

INTERESTED TO JOIN OR FORM - Carpool from Massapequa area. Ext. 2942.

INTERESTED IN JOINING - Carpool in Pt Jeff Sta area. Dick, Ext. 7266.

WOULD LIKE TO JOIN OR FORM - Carpool from Smith-Haven mall vicinity, Nesconset. T. Daniels, Ext. 2735.

PAYING RIDER - Needs ride Tues, Thurs, Fri, off Smithtown Blvd, Nesconset. Bob, Ext. 2167, 585-4973.

Classified Ad Policy

Deadline is 12 noon Friday for publication the following Thursday.

- The Brookhaven Bulletin classified section may be used only by active and retired Laboratory employees.
- All items for sale or rent must be the advertiser's property.
- Persons listing houses, apartments, or rooms for sale or rent, do so with the understanding that these must be available without regard to race, creed, color, or national origin.
- Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
- Ads should be restricted to 20 words or less and typed

or printed on the form provided, and must bear the employees signature.

6. Ads not carried because of space restrictions will be held for publication in the next issue.

7. Ads are run only once and must be resubmitted if they are to be repeated.

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

Houses