



# BROOKHAVEN BULLETIN

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## Dr. Maurice Goldhaber To Return To Full-Time Scientific Research

Dr. Maurice Goldhaber, Director of Brookhaven National Laboratory since July, 1961, requested the Board of Trustees of Associated Universities, Inc. to initiate a search for a new Director so that he could return to full-time research at the Laboratory.

The Board, with deep regrets and profound appreciation for Dr. Goldhaber's leadership, accepted his request at their meeting on July 20, 1972. Dr. Goldhaber indicated his willingness to serve, for which the Board expressed its appreciation, until a new Director can assume the duties.

A committee, with Dr. Gerald F. Tape, President of AUI, as Chairman, will be appointed soon to begin the process of selecting a new Director.

In his letter to the Board, Dr. Goldhaber stated, "As I start my twelfth year as Director, I should like to express my wish that the Board appoint a new Director in the near future, allowing me to return to research. As you know, I have continued, even while Director, my strong interest in research and I should like to pursue my ideas more vigorously than my present duties permit."

In a letter to all employees, Dr. Tape stated: "The Board expressed its profound thanks to Dr. Goldhaber for extensive and valuable contributions to Brookhaven National Laboratory, to Associated Universities, Inc., and to the scientific community generally both as an eminent scientist and as the BNL Director. During his Directorship the world-renowned BNL facilities have reached new levels of capability and performance, important research discoveries have been made, interdisciplinary research activities have increased, and the scientific visitor program has flourished. In facing the manifold problems and uncertainties confronting the scientific community generally, he has shown high intelligence, human sympathy and courage.

"As a long-time friend and associate and as President of AUI, I want to add my personal expression of thanks and appreciation to Maurice Goldhaber. We are all most pleased that he will remain at BNL and continue a career which so eminently contributes to Brookhaven excellence."

Dr. Goldhaber was born in Lemberg, Austria in 1911. He began his physics education at the University of Berlin, from which he went to the Cavendish Laboratory at Cambridge University, England, where he received his Ph.D. in physics in 1936. In 1938 he came to the United States as a faculty member of the University of Illinois, where he remained until 1950 when he joined the Physics Department at Brookhaven National Laboratory. He served as Chairman of the Physics Department in 1960-61, and in July, 1961, was appointed Director of the Laboratory.

At BNL, Dr. Goldhaber has specialized in the study of nuclear isomers and fundamental particles. Research accomplishments by him and his colleagues at BNL have included the establishment of the fact that the elusive neutrino has a left-handed spin. Many of his discoveries have formed the basis for much of modern physics and reactor science and technology. He is a Fellow of the American Physical Society and a Member of the National Academy of Science, the American Academy of Arts and Science, and the American Philosophical Society. In 1971 he received the Tom W. Bonner Award of the American Physical Society.



Dr. Goldhaber and his wife Gertrude, who is also a physicist at Brookhaven, reside in Bayport on Long Island. They have two sons, Michael H., a faculty member at the University of Arizona, and Alfred S., a faculty member at the State University of New York, Stony Brook, Long Island.

## Cornell Visitors

A group of biochemistry students from Cornell University will visit the Laboratory on Tuesday, August 1. They are under a grant from the National Science Foundation and are coming to Brookhaven for two days to see what research is being done here. On Wednesday they will meet in a seminar with BNL summer students from the Chemistry, Biology, and Medical Departments. The BNL students will describe research being done here, while research being done at Cornell will be discussed by the visiting students.

The students will be given a tour of some of the Lab's facilities Tuesday afternoon. Tuesday evening they are invited to join the BNL students for a light dinner to be held in the gymnasium. After dinner the facilities of the gym and the pool will be at their disposal. So if badminton or ping pong is your specialty, why not come and challenge someone to a match. But, as we all know, food is everyone's specialty, so it is certain everyone will show up.

## Selected Reading

- New Scientist 55, July 13, 1972  
Is secrecy the enemy of defense? D. Owen. 82-4
- Science 177, July 14, 1972  
High Voltage Engineering: Accelerating away from science. W.D. Metz. 151-3

## Dixie Lee Ray Appointed to AEC

President Nixon recently announced his intention to nominate Dixie Lee Ray, of Tacoma, Washington, to be a member of the Atomic Energy Commission for a term expiring June 30, 1977. She succeeds Wilfred Johnson whose term has expired.

Dr. Ray is currently director of the Pacific Science Center and Associate Professor of Zoology at the University of Washington, Fox Island, Washington. She has been associated with the University for 24 years. During that period she has also served as a member of the Executive Committee of the Friday Harbor Laboratories 1945-1960, Special Consultant to the National Science Foundation 1960-1962, and Visiting Professor at Stanford University in 1964. She also taught in the Oakland Public Schools from 1938-1942.

Dr. Ray was born September 3, 1914, in Tacoma, Washington. She received her B.A. in 1937 and M.A. in 1938, both from Mills College, and her Ph.D. from Stanford University in 1945.

Dr. Ray has served on many scientific boards and commissions. She is currently a member of the Washington State Oceanography Commission and Oceanographic Institute; the Planetary Sciences Corporation, Inc.; the Committee on Public Understanding of Sciences; and the Committee of Corresponding Consultants for the World Report on the Environment. She has also served on the Puget Sound Oceanographic Study Committee and was a member of the President's Task Force on Oceanography in 1969.

Dr. Ray has published numerous articles and scientific papers on marine biology, and holds many honors in this field. She received the William Clapp Award in Marine Biology in 1959; was a foreign member of the Danish Royal Society for Natural History in 1963; and was named Maritime Man of the Year in 1966.

She currently resides in Fox Island, Washington.

## CREF Unit Values

1971			
January	\$41.37	February	\$41.57
March	43.14	April	45.23
May	43.81	June	43.58
July	41.24	August	44.01
September	43.85	October	41.84
November	42.38	December	46.21
1972			
January	\$48.27	February	\$50.49
March	51.36	April	51.80
May	53.74		
		June	\$51.80

## FAS To Meet

The Brookhaven Chapter of the Federation of American Scientists will meet in Room "A" of the Cafeteria at lunchtime on Thursday, August 3rd. A national tax on sulfur emissions will be discussed. This proposal has the support of the Coalition to Tax Pollution, in which the national FAS participates. All interested BNL'ers are invited to attend.

## Reimbursable Sick Leave And No-Cost Medical Announced By Lab

A new attendance incentive plan, which becomes effective as of January, 1972, and no cost medical insurance beginning in 1974, were recently announced by the Laboratory.

The Reimbursable Sick Leave Credit Plan, applying only to regular weekly and monthly nonexempt employees, will provide a special payment for certain unused sick leave credit. Beginning as of the first of this year, when an employee's accrual of sick leave for any month would cause his accumulated record to exceed 108 days, the excess will be recorded to the employee's credit and paid at the end of each year at the rate of one day's pay for each four days of credit. Eligible employees must be in active service as of the last week in December each year in order to receive payment for reimbursable sick leave.

To receive the maximum amount payable under this plan, an employee would have to have 108 days accrued as of January 1, 1972 and not use any sick leave throughout the entire year. Such an employee would be entitled to receive four and one-half days' pay at his base rate.

The first payment will apply to reimbursable sick leave credit accumulated January 1, 1972 through December 24, 1972. Sick leave accrued after December 24, 1972 will be counted toward 1973 totals.

Concomitant with the new Reimbursable Sick Leave Credit Plan, the policy on doctor and dentist visits for nonexempt employees has been modified. Beginning July 10, 1972, the maximum number of allowable doctor and dentist visits for the remainder of 1972, and for each calendar year thereafter, will be four visits of up to two hours each without charge to sick leave or vacation credit.

The present policy of up to eight visits per calendar year will remain in effect for full-time exempt monthly employees.

Also, effective January 1, 1974, the Laboratory will begin paying the full cost of Group Medical Insurance for dependents of eligible employees. This will be in addition to the free individual medical insurance coverage presently provided for eligible employees. This benefit will apply to both nonexempt and exempt employees.

## Arrivals & Departures

### Arrivals

- Michael J. Elliott ..... Accelerator
- John T. Ford ..... P.E.P.
- Jack H. Gandrey ..... Accelerator
- Jose Medina ..... P.E.P.
- Samuel J. Strelecki ..... P.E.P.
- Robert O. Zoller ..... Mech. Engrg.

### Departures

- Daniel N. Feigenbaum ..... Accelerator

### In Memoriam

Algimantas Ramanauskas, who had been employed in the Physics Department since September 16, 1969, died on July 19, 1972. Al Ramanauskas lost his life in an avalanche while mountain climbing in British Columbia during his vacation.



Three patients work on their individual exercise programs in the physical therapy room of the Medical Research Center, under the supervision of Sidney Jungreis.

## Exercise — Just What The Doctor Ordered

For thirteen years, Sidney Jungreis has been using exercise to help rehabilitate patients in the hospital of the Medical Research Center. He is the physical therapist there, and mainly works with Parkinson's disease patients, but also works with obese patients and hypertensive patients.

A Parkinson's disease patient must learn to believe that movement is life. For him exercise is indispensable. The patient undergoes exercise and physical therapy before and after he has been given L-Dopa. Jungreis says that L-Dopa and exercise work as a team and one must have the other to be truly effective.

He says it is important to urge the patients to be active and to maintain what they have. He aids the Parkinson's disease patient in improving coordination, strength and endurance.

Obese patients are put on low caloric diets and are urged to exercise frequently. The exercise helps to tone up and firm muscles and to accelerate weight loss.

For hypertensive patients, those suffering from high blood pressure, Jungreis says exercise is beneficial in minimizing the effects of the most common complication of hypertension: atherosclerosis or "hardening of the arteries." These patients usually do not have sufficient limitations in regard to exercise and can receive a more vigorous exercise program than either the Parkinson's disease patients or the obese patients.

The patients use the facilities in the physical therapy room located in the Medical Research Center. These include, among others, a tread mill, exercise mats, isometric rack, barbells, and an exercise bicycle. They come in as often as needed and follow varied exercise programs set up by Jungreis. They are also urged to participate in other forms of exercise such as walks around site, swimming, or bicycle riding. He tries to stress the importance of exercise and the necessity of its continuation after the patient leaves the hospital. A patient is always started out slowly and then gradually accelerated. Jungreis feels that by doing this, an increasing amount of activity will not be any more difficult for the patient than his starting exercises.

Working as closely and as frequently with patients as he does, Jungreis develops a very close rapport with them as they do with



Jungreis sets up an exercise program for each of his patients, and then divides his time so he can spend time personally instructing them.

him. He feels that this is an essential part of his job.

He says exercise should be an important part of everyone's life. He exercises frequently himself by swimming, weight lifting, or jogging.

## Hopping At The Record Hop

The popularity of the Thursday night Record Hops is continuing to grow. Last Thursday some seventy people arrived at the Recreation Building to join in the festivities.

While about 18 couples danced to the latest discs, others enjoyed the activities in the game room and watched T.V. in the lounge. The tempo started to pick up at 9:00 p.m. and the building rocked until midnight.

The admission is free and beer and soda are available for 25¢ from the vending machine. Dress is casual and a friendly atmosphere always prevails. So come and join the fun; bring yourself, a friend, and a couple of quarters for refreshments.

**Time:** About Nine O'Clock

**Place:** Recreation Building No. 317

**Date:** Every Thursday evening throughout the Summer.

## I Love You, Alice B. Toklas!

At the midpoint of the BERA Summer Film Festival, the presentation this Friday night will be a film that has yet to be shown on television.

I Love You, Alice B. Toklas was the first film written by Paul Mazursky and Larry Tucker, a team who came out of Chicago's "Second City" and who went on to write and direct "Bob and Carol and Ted and Alice."

The plot revolves around a mild-mannered Los Angeles lawyer, Harold Fine (Peter Sellers). Under the influence of some marijuana brownies, fed to him by his hippie brother's girlfriend Nancy (Leigh Taylor-Young), Harold walks out on his anxious fiancée (Joyce Van Patten) in the middle of the wedding ceremony. The brownies are presumably made from a recipe in the Alice B. Toklas cookbook.

Nancy agrees to move in with Harold, but, much to his chagrin, only along with some forty other hippies. Disillusioned with his new, liberated life, Harold returns to his fiancée, but only to flee a second wedding ceremony. Harold's disenchantment takes in both hippie and straight cultures; he must seek out something more substantial than either society has afforded him.

"Hy Averback's excellent direction makes the most of an outstanding cast, cavorting in disciplined hilarity among hippie flesh-pots and Establishment crack-pots. . . . Sellers has not come off so well since 'Doctor Strangelove' and earlier. . . . Jo Van Fleet is simply brilliant as Sellers' mother. . . ." —Variety

As usual, admission to Berkner Hall in its air-conditioned splendor is \$1.00 for adults, and half that for the under-eighteen set. The show will start at 8:30 promptly, and there is always plenty of safe parking.

## Here and There

Claire Lamberti

A.W. Castleman, Jr. (DAS) will be lecturing on aerosol chemistry at the Summer Advanced Study Institute: Chemistry and Physics of Upper Atmospheres, to be held July 30 - August 11 at the University of Orleans, France. While abroad, Dr. Castleman will deliver a seminar at the Max-Planck-Institute for Chemistry in Mainz, and will be visiting the Max-Planck Institute for Kernphysik and the University in Heidelberg, and Harwell.

Leonard Newman (DAS) participated as a member of ASTM Committee D-22 on Sampling and Analysis of Atmospheres at the Conference on Sampling and Calibration, Johnston, Vermont, July 9-13.

Powell Richards, George Meinken, and Elliott Lebowitz (all DAS) attended and presented papers at the Annual Society of Nuclear Medicine Meeting, Boston, Mass., July 11-14.

Powell Richards (DAS) attended a meeting of AEC contractors to discuss future programs of the Division of Biomedical and Environmental Research on July 8. He also organized a meeting sponsored by the Radiopharmaceutical Committee of the Society of Nuclear Medicine (of which he is a member) to discuss new radioisotopes of interest to the medical profession, such as those that will be available from the BLIP (Brookhaven Linac Isotope Producer), July 9, and attended a Board of Trustees (SNM) meeting on July 10.

## BROOKHAVEN BULLETIN

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## Service Awards — July

### 25 YEAR

Garafola, Frank ..... Shops  
Gurinsky, David ..... Applied Science  
Howell, Wesley ..... Plant Eng. & Planning  
Keating, William ..... Reactor  
McLean, Lowell ..... Personnel  
Paskiewicz, Adam ..... Sec. & Plant Protection  
Roesch, Arnold ..... Physics  
Shutt, Ralph ..... Accelerator  
Silkworth, Frederick ..... Chemistry  
Sparrow, Arnold ..... Biology  
Steele, Irene ..... Biology  
Still, Norman ..... Fiscal  
Suydam, Lisenard ..... Instrumentation  
Thomas, Oscar ..... Physics  
Thorndike, Alan ..... Physics  
Walsh, James ..... Chemistry  
Wright, Arthur ..... Physics

### 20 YEAR

Dahl, Lewis ..... Medical  
Lyons, Charles ..... Supply & Materiel

### 10 YEAR

Downs, Howard ..... Accelerator  
Dunne, Florence ..... Biology  
Feldberg, Stephen ..... Applied Science  
Finocchio, Anthony ..... Mechanical Eng.  
Lai, Kwan Wu ..... Physics  
Liegel, Robert ..... Physics  
Mars, Stanley ..... Supply & Materiel  
Rappe, Charlotte ..... Supply & Materiel  
Rittler, Carl ..... Accelerator  
Schiro, Grace ..... Physics  
Skrezec, Edward ..... Staff Services  
Spiro, Carmelo ..... Accelerator  
Yerry, Hugh ..... Instrumentation

## Reports Available

The following reports are now available to the Laboratory staff and to affiliates of the AEC, AUI, and BNL. Others may purchase them from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22151. Staff members should call Ext. 3484.

BNL 50313 ..... \$3.00  
Brookhaven Lecture Series No. 105. Concrete-Polymer Materials Development, A Goal-Oriented Program.  
Meyer Steinberg

BNL 50331 ..... \$3.00  
Brookhaven Lecture Series No. 99. What will the Neutron do Next? Systematics of Neutron Reactions.  
Sol Pearlstein

BNL 50332 ..... \$3.00  
Operating Characteristics of Neutron Well Coincidence Counters.  
R. Sher

## World of BNL

This week the World of BNL will explore the whole body counter used in the Medical Research Center.

The World of BNL is now broadcast Sundays over four stations instead of two. The times and stations are as follows: at 8:15 a.m. over WBLI-FM (106.1), Patchogue; WRCM-FM (103.9), Riverhead; WHRF-AM (1570), Riverhead; and at 11:15 p.m. over WGLI-AM (1290), Babylon.

**Marathon**



MacKenzie Prince



Aftermath

Photos by Art Scott

**Cross Island "Marathon" Run**

The Port-Jefferson-to-Patchogue run was held on Saturday, June 24, starting at the corner of Route 112 and Nesconset Highway, proceeding down 112 to Main Street in Patchogue, and finishing at the bay at the foot of Rider Avenue.

Of the approximately 150 entrants, 134 finished the race. There were four entrants from BNL: Jack Brennan, (PEP) over 30; Ernie Warburton (Physics), Gus Prince (DAS), and Don MacKenzie (DAS), over 40. The last three placed 49th, 71st and 82nd, respectively, with times of 1 hr. 28 min., 1 hr. 36 min., and 1 hr. 40 min., which was good enough to place 1-2-3 in the over 40 class.

The over-40's don't enter (obviously) to compete with the 18-yr. olds, who clean up. Two of the latter are sons of Lab employees: Luke Powell, son of Bob Powell (Reactor), who came in 4th; and Brad Drake, son of Marvin Drake (DAS), who came in 11th. Their times were 1 hr. 17 min. 18 sec. and 1 hr. 19 min. 47 sec., compared with the winner's time of 1 hr. 15 min. 34 sec.

**Cafeteria Menu**

**Week Ending August 3, 1972**

<b>Friday, July 28</b>	
Mason's Fish Chowder	
Fried Fillet of Sole w/Tartar Sauce	
French Fries	.95
Chopped Beef Steak Parmigiana & 1 Veg.	.85
Shrimp Chow Mein w/Rice	.90
<b>Monday, July 31</b>	
Tomato Soup	
Roast Fresh Ham & 1 Veg.	.90
Chicken Patties w/Giblet Gravy, Currant Jelly & 1 Veg.	.90
Western Omelet w/French Fries	.80
<b>Tuesday, August 1</b>	
Vegetable Soup	
Grilled Ham, Sausage & Pineapple w/1 Veg.	.90
Creamed Chicken & Mushrooms on Noodles	.90
Sauerbraten w/Potato Pancakes	.90
<b>Wednesday, August 2</b>	
Yankee Bean Soup	
Baked Beef Loaf w/Gravy & 1 Veg.	.85
Shrimp Chow Mein on Rice w/Crisp Noodles	.90
Polish Kielbasy w/Mashed Potato & Sauerkraut	.80
<b>Thursday, August 3</b>	
Beef Barley Broth	
Beef Hash w/Brown Gravy & 1 Veg.	.80
Baked Lasagna w/Meat Sauce & 1 Veg.	.90
Broiled Chicken Livers w/Bacon Strips & 1 Veg.	.85

**IBEW Meets Tonight**

Local 2230 IBEW will hold its regular monthly meeting tonight, Thursday, July 27, in the K of C hall, Railroad Avenue, Patchogue, at 8 p.m. There will also be an afternoon meeting for shift workers at 2 p.m. in the Union office at 31 Oak Street, Patchogue.

On the agenda will be regular business, Committee reports, and the President's Report.

**Net Clinic at BNL August 11th**

Save the date - We've made arrangements to have a few players from the N.Y. Nets Basketball team conduct a special clinic at our Gymnasium on Friday at 5:30 p.m.

Watch next weeks paper for the full story.

**Stony Brook Events**

The premiere performance of a play, an electronic song and sound presentation, and a variety of films mark the last week of a summer activities program at the State University of New York at Stony Brook. Unless otherwise specified, events listed are open to the public at no charge.

**Thursday, July 27**

An exhibition of paintings by Stony Brook student Regina Granit continues today through August 3 in the Stony Brook Union Gallery, 10 a.m. to 5 p.m.

From 10:00 a.m. until noon, the Stony Brook Union Craft Shop will conduct a lesson for children 7 to 12 years old. There is a \$1.50 charge per child.

"Rhinoceros," an animated visual translation of Ionesco's play, and "Boggie Doodle," a rhythmic, brightly colored animated film, will be shown in the Stony Brook Union Auditorium from 12:15 until 2:00 p.m.

The Slavic Cultural Center presents the premiere performance of "The Funny Old Man," a play translated and directed by Stony Brook professor Edward Czerwinski. Performed by The Poor Theatre Company, the play will be presented at 8:30 p.m. in the Stony Brook Union Auditorium; admission is \$3.

**Friday, July 28**

"An Occurrence at Owl Creek Bridge," an Academy Award winning short based on a Civil War Story by Ambrose Bierce, will be shown in the Stony Brook Union Auditorium from 12:15 until 2:00 p.m.

"Deathwatch," a 1965 film starring Vic Morrow and Leonard Nimoy, will be presented by the Weekend Cinema in the Stony Brook Union Auditorium at 8 p.m. tonight and also on Saturday, July 29. The film is a study of a man's struggle for social acceptance in a French Prison. Admission is \$.50.

**Monday, July 31**

From 10 a.m. until noon, through August 3, the Stony Brook Union Craft Shop will conduct a lesson for children 4 to 7 years old. There is a \$1.50 charge per child.

A day in the life of a noted musician is the theme for "Pablo Casals," a short film which will be shown from 12:15 until 2 p.m. in the Stony Brook Union Auditorium. In the short, Casals performs Bach's Suite No. 1 in G Major for Unaccompanied Cello.

**Tuesday, August 1**

Three animated shorts, "A," "Alphabet," and "The Insects," will be shown in the Stony Brook Union Auditorium from 12:15 until 2 p.m. The first two films illustrate the power of language, while the third is a brief, humorous depiction of man's losing battle against the world of the insect.

**Wednesday, August 2**

Satire dominates the screen in three short films which will be shown today in the Stony Brook Union Auditorium from 12:15 until 2 p.m. "Boiled Egg" traces the short lived destiny of an egg; "Time Piece" juxtaposes the beat of the human heart against the visual images which make up a day in the life of contemporary man; "Poppycock" satirizes Everyman's Dream - the hero overcomes all obstacles to win the girl.

A "how to" adult workshop in Creative Recycling will be held in the Stony Brook Union Craft Shop from 2:30 to 4:30 p.m. Admission is \$.50.

A Pure Force Exhibit sponsored by the Stony Brook Union will be held in the Union Auditorium at 8:30 p.m. The exhibit is an electronic song and sound presentation; admission is \$1.50.

**Thursday, August 3**

The average TV viewer gets a lesson in devising his own depressing advertisements in "The Plain Man's Guide to Advertising," one of two short films that will be shown today in the Stony Brook Union Auditorium from 12:15 until 2 p.m. The second short, "Automania 2000," exaggerates the problems caused by building more automobiles and roads.

**Attention All Bowlers**

Preparations are under way for the 72-73 bowling season. Get your teams together. Entry forms will be distributed soon.

**Softball News**

Jim Petro

**Dirty Sox 11 - Metallurgy 10  
Blue Jays 8 - S&M 6**

Dirty Sox (2-0) won their second game in a row by downing the Metallurgy (1-1) team. The game was marked by erratic play on both sides with the Sox scoring in the bottom of the seventh for the win. Fred Hillerud continued his hot hitting for the Sox. Blue Jays (2-0) in a game of singles and doubles downed the S&M (0-2) team. Harold Marshall hit well for the Jays with Mike Guacci having a good night for S&M.

**National League**

**Bio Meds 17 - Kumquats 7**

Bio Meds (2-0) scored 9 runs in the first inning and went on to defeat Kumquats (0-2). Joe Abata had 4 for 5 with a home run and Bob Bores and Greg Fields also had home runs. Circuits (1-1) won in a walk as the Bubble Boys (0-1) were only able to field 8 men. Pete Stillman homered for the Bubble Boys.

**University League**

**Oh Kays 1 - Saints 0 (forfeit)**

**Gotchas 13 - Odd Couples 8**

Gotchas (1-1) downed the Odd Couples (1-1) on a strong hitting attack. Dick Ruffing had two home runs for 5 RBI's. George Morgan also homered with Bill Kropp and Lorraine Osterer contributing some extra hits. The Oh Kays (2-0) won by a forfeit.

**Laboratory League**

**Six Pax 41 - Converts 2**

**Six Pax 28 - Converts 9**

**Six Pax 14 - EAO 8**

**Charlie Browns 21 - Converts 20**

In a make up double header the Six Pax clinched first place in the first half by downing the Converts. They continued their winning ways by winning big in the second game. For the night A. Dick had 2 home runs with one a grand slam. B. Vignato had 4 home runs included in a run of 11 straight hits. L. James also had 2 home runs for the Pax. The following night the Six Pax (3-0) won their 9th straight over EAO (1-1). Art Dick continued his strong hitting for the Pax. Charlie Browns (1-1) scored 13 runs in the first inning and held on to beat the Converts (0-3). Vinnie Bilms had the games winning hit for the Charlie Browns.

**Volleyball News**

Odelli Ozer

The SAVAs, N.Y. volleyball team defeated BNL by a score of 3-2 in a closely contested game in which the outcome was not decided until the last play of the fifth set. In spite of a lack of practice since last March and the absence of two regulars (Lew Snead and Jerry Levine) the BNL team consisting of Bob Casey, Red Cullen, Sandy Lumpkin, Ron Nawrocky, Odelli Ozer, Walt Reams, Don Strayer, Mas Suenaga and Bert Van Zelst played a good game and showed good promise for future tournaments.

**Participate in Judo!**

All laboratory employees are cordially invited to join a group of us who meet in the gym Tuesdays from 5:00 to 7:00 p.m. to learn and practice Judo with the help of our competent instructors.

For those who are in good physical shape, this is an opportunity to engage in some vigorous and exciting exercise. For those of you in not so good shape, this is an opportunity to get back in shape, and we promise to handle you gently until you toughen up. For everyone this is an opportunity to learn the elements of self defense by way of a graceful and beautiful physical activity.

For more information, please contact Bob at Ext. 4672 or George at Ext. 4340.

**Classified Advertisements**

**Employment Notices**

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. For further information, please contact Employment Supervisor, Ext. 2879 or 2882.

LEADMAN-RIGGING CREWS (6) - Plant Engr. & Planning. To perform duties of Leadman in four rigging crews assigned to the AGS and two crews assigned to Site Maintenance. Candidates considered will include employees in the classifications of Rigger and Heavy Equipment Mechanic Operator. Application deadline: August 3, 1972.

PAINTER (1) - Plant Engr. & Planning. Application deadline: August 3, 1972.

SECRETARY II - Accelerator Department.

SECRETARY I OR II - Division of Applied Science.

REGISTERED NURSE - Rotating schedule. Medical Department.

CHEMISTRY ASSOCIATE - Bachelor's degree with experience in organic synthesis desirable. Chemistry Department.

## Classified Advertisements

### Autos & Auto Supplies

69 MERCURY CYCLONE - 428 Cobra Jet, excel shape, 30,000 mi. Asking \$1795. Ext. 3843.

PR CORVAIR BCKT SEATS - Excel cond, like new, blk. Asking \$45. P. Miller, HR2-1416.

65 HONDA MOTORCYCLE - Superhawk, 305 cc, 11,000 mi. good cond. \$325. P. Hichborn, 929-4133.

JAWA MOTOR SCOOTER - \$225; Porsche parka, \$10. M. Dohrman, 473-2614.

HOT 64 IMPALA WAGON - Good cond, 4 new tires. 289-8386 after 5.

65 OLDS F-85 - Std trans, r/h, V8, good reliable car. \$400. Ext. 3871.

65 RAMBLER - 4 dr, std trans, mechanic's special. \$50. Sanders, Ext. 4635.

TIRES - 5 Goodyear power cushion 9.15x15, good for beach vehicle, best offer. Brian, 289-5835.

66 VALIANT WAGON - 4 dr, auto trans, very good cond. Asking \$625. M. Greene, Ext. 4484.

65 RAMBLER CLASSIC STATION WAGON - Good cond, new auto trans. Asking \$350. 473-9354.

68 IMPALA - 4 dr, blue, air cond, best offer over \$1300; 68 red VW, \$1250. DiDio, 286-0372.

62 RAMBLER - 4 dr, r/h, running, must sell, leaving. \$50. Bob, 928-1344, Ext. 4781.

66 OPEL WAGON - New valves, clutch, exhaust, batt, timing chain, tires good, 32 mpg, some rocker panel rust. \$250. E.W. Anderson, 289-0742.

68 KAWASAKI - 175 cc street bike, elec start, good cond, needs new batt. \$225. Sharon, Ext. 4007.

¾ TON FORD PICKUP - 68-302 eng, auto trans, good tires, new muff, brakes, kingpin, water pump, runs well. \$600. Saxon, Ext. 3435.

72 HARLEY DAVIDSON RAPIDO - Like new. \$450. John, Ext. 3353

TIRES - 8.20x15. \$6; 7.60x15, \$6; 8.85x15 snow, \$6.50. Whitey, Ext. 2913/2907.

DUNE BUGGY - New mags, vinyl top, chrome all over, many other extras, it's beautiful, have to sell. \$1200. 732-45E2.

VW TIRES - 2 Continental 6.00x15L w/about 30% of tread life remaining. \$5 ea or best offer. W. Sapp, Ext. 3808.

70 HONDA CB350 - Good cond. 475-6288.

52 MG-TD - 475-6288.

65 OLDS F-85 - V8, 4 dr, green, auto trans, ps, eng excel cond, new exhaust pipes & muff. \$350. Oh, Ext. 3600, 281-4954.

69 MERCURY FASTBACK - Fully pwrd, air cond, etc., excel cond. \$1900. T. O'Brien, Ext. 3305.

65 CORVAIR - 4 dr, eng knocks, good for parts, make offer. 588-5833.

72 MUSTANG - V8, 302 eng, brown w/brown vinyl top, sport wheel covers, auto trans, ps, p/disc brakes, 8700 mi. Ext. 3843.

62 COMET - 4 dr sedan, runs well, good rubber, auto trans. \$175. Webster, Ext. 2564.

2 WHEELS - 6.50x13 tires w/5 hole rims, fit Plymouth Valiant, etc. Hirzel, Ext. 4278.

70 MAVERICK - Gold, 2 dr sedan, new tires, snows, auto trans, excel cond, moving, must sell. \$1200 or best offer. Richard, Ext. 4389, 744-5219.

62 COMET - 6 cyl, 4 dr, rebuilt eng, excel cond, many new parts. Ext. 2236.

RADIO & SPEAKER - For 69 VW bug, sapphire 9. \$25. Gordon, Ext. 4613.

64 CHEVY NOVA - 427 eng, straight axle, 4 spd, mags, new batt, am/fm radio, never raced. \$1500. 732-3338.

52 PACKARD PATRICIAN 400 - 4 dr, mint int, excel cond, new tires, brakes, auto trans, pb. \$750. 862-8641.

TRAILER HITCH - For 69 Chevy station wagon. \$12. Ext. 4089.

2 MICHELIN X RADIAL TIRES - F85x15, used but very good cond, best offer. Dave, Ext. 3182.

### Boats & Marine Supplies

8' ROWBOAT - New oarlocks, w/oars, fine cond. Steve, 286-0534.

22 HP ENG - Palmer, IH-60, 4 cyl, 350 lbs, excel cond, like new, great for sailboat aux or launch. \$850. Paul, Ext. 4268, 298-4985.

15' CACCI CRAFT - Fiberglass, "walk-through" windshield, 40 hp Evinrude selectric, fully equipped, very nice boat. Gordon, Ext. 4613.

SEAFARER-26 FIBERGLASS SLOOP 1971 - Compl equipped, main, jib winches, lifelines, pulpit, encl head, cradle, 9.5 hp ob, etc. \$7300. Nancy, 727-0736.

3 BLADE PROPELLER - For Johnson or Evinrude 6 hp outboard motor. \$2. B. Museler, Ext. 4280.

NARRASKETUCK 21' SAILBOAT - Very good cond, trailer, 2 suits sails. Asking \$1750. M. Greene, Ext. 4484.

DACRON NARRASKETUCK SAILS - Used but in excel cond, 1 suit canvas sails priced to go. M. Greene, Ext. 4484.

35' OCEAN GOING SLOOP - Built '65, diesel aux, sleeps 5, many extras. \$18,000. Forsyth, Ext. 4676, 286-9721.

SPARS - Narrasketuck mast, \$75; boom, \$50; whisker pole, \$20. M. Greene, Ext. 4484.

SAILFISH - Thoroughly used. Asking \$125. Rathvon, 751-1401.

22' RESKY SKIFF - In excel cond, Gray inboard eng. I. Steele, Ext. 3415.

25' CUSTOM CRUISER - 145 hp Chris Craft 2:1 reduction, sleeps 4, flying bridge, can be seen in water. As is, \$600. 288-2329.

FINN - US 506, new Bruder rig & Haarstick sail, w/trailer. Ext. 4377, 475-4891.

COMET SAILBOAT - Wooden hull, compl equipped, presently in water & being sailed regularly. \$500. J. Coggins, Ext. 3379.

DIESEL - 6V53 Detroit GM marine eng w/2.1 Warner gear, 1500 hrs of use. \$3500. RA8-2265 after 6.

14' ALUM - Mirro deep fisherman, 64" beam, 20 hp Johnson, 1970, like new. \$475. 744-2097 after 5.

18' CABIN CRUISER - 40 hp w/access. \$500. 473-3643.

NAVY ANCHOR - 25 lb. \$10. Ext. 2497.

18' CABIN CRUISER - Excel family boat, 85 hp 1969 Evinrude elec, all access. Asking \$1050. Ext. 4758, 744-5018.

### Miscellaneous

ALUM COOLER CHEST - Lg, insulated, \$10. 878-0071 after 6.

8 TRACK STEREO TAPES - New. \$3 ea or 2/\$5. C. Nielsen, Ext. 4280, 325-0968.

AKC COLLIE PUPS - Sable, papers & shots. \$75. 473-5833.

FRIGIDAIRE REFRIG - 12 cu ft w/across-the-top freezer, old but works fine. \$25 takes it. 273-5574 after 5.

SIAMESE KITTEN - 1 female blue point left. G. Irving, Ext. 2914, 286-8869 after 6.

TREADAL SEWING MACHINE - Antique Singer cabinet, \$35; wooden play pen, \$2; canvas folding cot, \$2. 475-9257.

NEW ROTOR - Ch Master RCA heavy duty, plus new color antenna; you take down, \$45; I take down, \$50. B. Dee, Ext. 4270.

SINGER PORTABLE SEWING MACHINE - Excel cond, straight stitch, w/carrying case, buttonholer & attachments. \$30. Ellerbe, Ext. 4386, Ext. 3001 after 6.

ANTIQU (? ) HICKORY SECRETARIAT - Extensive carving, glass covered bookshelves, fold down desk w/pigeonholes, 3 drawers, closed storage space. \$35. Liliane, Ext. 2441, 744-5219.

CATS, CATS, CATS - Urgently need homes, moving soon, 4 to choose from, 2 Burmese Siamese, alley cats, neutred, 1 yr old. Richard, Ext. 4389, 744-5219.

BAY GELDING - 15½ hands, gentle, excel beginners horse. \$500/\$550 w/tack. Caruso, 862-8084.

COLONIAL BEDRM SET - Maple twin bed, matt, box spring, dresser, desk & chair, excel cond. \$100. 363-5330 after 6.

21" JACOBSON REEL MOWER - "Manor 21," hardly used, very good cond. \$100. Walt K., Ext. 4089, 286-0246.

BICYCLE - 20" wheels, convertible, w/training wheels. \$9. Ext. 4089.

LAWN MOWER - Sears reel type, 2.5 hp, good cond. \$30. C. Brewster, Ext. 4089.

PANASONIC TV - 16", 1 yr old, b&w, excel cond. \$75. M. Lehmann, Ext. 3193.

MINI BIKE - Scrub brakes, good cond, \$75; new helmet & bubble shield. \$25. V. DiDio, 286-0372.

MINIATURE COLLIES - 16 wks old, AKC reg, males & females. Eleanor, 289-1094.

FOR RENT - Summer special in Vermont, \$30/couple for wk, room & bath in new chalet. LT9-0277 after 6.

1970 COX TENT TRAILER - Ice box, toilet, propane tank, regulator, hoses, many extras. Andy, Ext. 4127, 281-8274.

WHITE SILK SARI - W/silver threads, exquisite, never worn. \$25 (worth \$60-\$90). Ext. 4622.

INSTANT HAIRSETTER - Clairol Kindness custom care deluxe, used once. \$15 (new \$24). Ext. 4622.

FREEZER - Chest type, 15 cu ft. \$80. Cas, Ext. 4688, 929-6081.

GIRL'S BICYCLE - Old but good, reasonable. Cas, Ext. 4688.

35 MM CAMERA - Honeywell Spotmatic Pentax, 2 Takumar lenses, 1.4/50 mm, 3.5/35 mm, bellows, sun shades, like new. \$225. Sal, Ext. 4703.

CASSETTE DECK - Harmon-Kardon, fine cond. \$85. Paul, Ext. 4047.

35 MM CAMERA - Clarus model MS-35, focal plane shutter 1/25-1/1000, Wollensak f 2.8 lens, coupled range finder, case, flash. \$40. Wes, Ext. 4605.

SLIDE-IN CAMPER FOR PICKUP - 10½' Cree, sleeps 4, stove, oven, icebox, holding tank, heater, etc., AC & batt. \$1500. 924-6746.

AIR COND - 6100 BTU 7.5 amp Welbilt window unit, used about 2 wks. \$100. M. Greene, Ext. 4484.

CROQUET - Very handsome & durable imported English set, hardly used, w/rule book. Garfield, 286-0824.

LIGHT FIXTURE - Mod 3 globe, hangs from ceiling, perf cond, 2 yrs new. \$20 or best offer. Ext. 4156.

CUB SCOUT UNIFORM - Approx size 12-14. \$6. P. Rich, Ext. 3397.

SLEEPING BAGS - 4 matching in excel cond, can be paired, reasonable. Ext. 4660.

TWIN BED - \$40; antiques white desk, \$15; lt oak din rm set avail late Aug. \$100. Lesley, Ext. 3412, 475-3821.

RIDING MOWER - Sears, 25" cut, 3 wheel. \$125. 588-5833.

CASSETTE TAPE RECORDER - W/tapes, excel cond. \$25. Howard, Ext. 3261.

DRUM SET - Incl bass, snare, 2 tom-toms, cymbal & cowbell, like new. \$50. 475-4394.

KODAK PONY 135 - 35mm 3.5 lens w/carrying case, flash attachment, \$10; TDC slide projector, \$20; Shetland floor waxer/shampooer, \$10. Helen, Ext. 3717.

TRUMPET - Holten, excel cond, w/case, used 6 mos. \$85 or best offer. Ext. 3843, 286-1290.

LAWN SWEEPER - Parker, new 26" brushes, Briggs & Stratton motor, all excel cond. \$75. E.W. Anderson, 289-0742.

JOINTER-PLANER - Wallace, w/1/2 hp direct drive motor, handles 6" stock, spare blades, floor stand, excel cond. \$95. Anderson, 289-0742.

LAWN SWEEPER - Excel cond., 24" sweep. \$15. Paul, 473-2507.

4x4 BOOKCASE - \$10. Richard, Ext. 4389.

### 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

STRATHMORE EAST-CORAM - 4 bedrm Jamestown ranch on lg 1 acre wooded plot, paneled fam rm w/fireplace, landscaped. 473-6370.

E. PATCHOGUE - 2 bedrm house, pine paneled, deluxe kitchen, screened breezeway, 2 car garage, ¾ acre, 2 fireplaces, full bsmt, south of S. Country Rd, quiet wooded area, lg homes, 289-0742

SHIRLEY - 3 bedrm ranch, tile bath, oil h/w heat, full bsmt, att garage. 924-6348.

MASTIC - Mod 3 bedrm ranch on shaded 100x140 corner lot, compl fenced, full bsmt & garage, quiet neighborhood, near shopping, 8 mi from Lab, priced to sell. 281-4371 for appointment.

EAST ISLIP - Want elbow room, privacy? spacious 6 rm ranch, att garage, util rm, screened patio, on 0.82 acre south of Montauk in prime area, fireplace, w/w many extras. 581-7190 after 6.

### Wanted

CLARINET PLAYER - To give a few lessons to daughter of summer visitor during August. M. Blume, Ext. 3735.

26" LADIES BIKE - At reasonable price for 62 yr old mother to get her exercise. C. Kerr, Ext. 3604.

BICYCLE - 3 spd Schwinn, reasonable, boy's or girl's, good cond. 929-4175.

HOMES - For unusually healthy 8 wk old kittens. 928-4728.

DRIVER - To shepherd BMW to Denver or Seattle some time in Aug. Ext. 3809.

APT - May be small, must be cheap, should be in Lab area. Paul, 261-7905 eves.

SEA SHELLS & CORAL - Any kind or size for arts & crafts work w/children. Phil, Ext. 2384.

TO GIVE AWAY - Misc toys & children's bks. 475-6288.

PERSON TO DO HOUSE WORK - & care for child (after school) wk days, on long-term basis, own transportation. 698-1363 after 6.

FURN HOUSE - Looking for someone going on sabbatical, responsible post-doc & wife will rent & maintain property. Novak, Ext. 3477.

BABYSITTING JOBS - Reliable HS senior avail days or eves, Bellport, E. Patchogue, Patchogue. Janet, 286-1290.

VOLKSWAGON "BUG" - Late model, must be in excel cond, no automatic trans or convertible - cash on the line. Paul, 473-2507.

### Carpools

DO YOU LIVE IN HICKSVILLE OR WEST - I need you. Howard, Ext. 3261.

### Lost & Found

LOST - In or around pool on Wed 7/19, girl's 2 pc red & white checked bathing suit. Joe, Ext. 4608.

### Services

CHARTER FISHING - Out of E. Hampton, day or eve. Ext. 4666, 588-0619.

SUMMER HEAT GOT YOU - Evening cruises w/ licensed captain out of E. Hampton, dinner res avail. John, Ext. 4666, 588-0619.

TOM'S TV REPAIR - Expert color/b&w TV service in the evening at minimum costs. 878-0567.

PLANNING A VACATION BY AIR OR SEA? - Call Lee, 472-0658 after 6.

TREE REMOVAL & CHAIN SAW WORK - Also light hauling, free estimates. Ken, 289-8212 eves.

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

CLOCKS - All types repaired or overhauled, work guaranteed & reasonably priced. J. Davis, Ext. 4504.

### 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. Print or type your ad in 20 words or less.
<input type="checkbox"/> For Sale: Boats & Marine Supplies	<input type="checkbox"/> Carpools	
<input type="checkbox"/> For Sale: Miscellaneous	<input type="checkbox"/> Last & 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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Employee's Signature .....

Life No. .... Ext. ....

Send to: Brookhaven Bulletin, 40 Brookhaven Avenue

(Name & Phone No. To Call)