

The Bulletin Board

Brookhaven Employees' Recreation Association, Upton, N. Y.

VOL. II, NO. 18

MONDAY, DECEMBER 5, 1949

PHYSICS CHRISTMAS PARTY

"Greater" Physics Department has named the day for its Christmas party -- Wednesday, December 21, 1949. "Kris" Kristoffersen is general chairman of the affair, which will be held in Bldg. T-317, the Apartment Area Theatre. The party will begin at 8:00 p.m. Physics Department members may bring guests. The tariff will be \$1.25 per party-comer. Punch, beer, coke, refreshments, music, dancing and entertainment will be there as long as you are.

Tickets are available from the following people: Rosalie Kelly, for Cloud Chamber Group and T-119; Nat Bylock, for T-120; Al Kane, for Nuclear Moments Group; Pat Haebe Wilson for Nuclear Interaction Group, and Emma Bluhm for T-459.

DRAMATIC CLUB PRESENTS COMEDY

As we go to press the BERA Dramatic Club is presenting "Out of the Frying Pan" in the theatre on Brookhaven Avenue, to, we expect, enthusiastic audiences. Deadline prevents a review of the hopeful thespians' efforts, but full details will be included in next week's edition.

VASSILOPOULOS AND BYRNE REPEAT

Mr. George Vassilopoulos and Mr. Bernard Byrne (Nuclear Reactor), continued their winning streak in duplicate bridge last Tuesday night when they again took top North and South honors.

Mr. and Mrs. Keirn C. Brown (AEC) were the East and West winners. Enough players were present to make up five tables.

The next Bridge Club session will be on Tuesday evening, December 13, and even now, Bob Dvorak has asked that staff members be reminded that attendance PROMPTLY at 8:00 is necessary.

SPECIAL NOTICE

The Transportation Office has announced that effective December 10, 1949, Burk's Bus Company will discontinue running the bus at 11:05 p.m. from Patchogue to the Laboratory.

COMING EVENTS

Listen-to-Music -	December 8
Square Dance -	December 8
Bridge Club -	December 13
Physics Party -	December 21

STATUS OF BROOKHAVEN REACTOR

(Press release regarding the nuclear reactor at Brookhaven National Laboratory issued by the United States Atomic Energy Commission in Washington, D.C. at noon, November 28, 1949.)

Washington, D.C., November 28, 1949--Unforeseen technical difficulties in design, engineering and construction have delayed completion of the nuclear reactor at the Brookhaven National Laboratory. The new research reactor originally scheduled for completion during the fall of this year is now not expected to start operation for several months.

The major difficulties developed during testing of a new type air-cooling system under simulated operating conditions. The test revealed that the air duct work of the system, as originally designed, did not stand up under operating conditions and important modifications in the design and construction of the cooling system are being made.

While alterations are being made on the cooling system, design and construction of other features of the pile, now 90% complete, are also being rechecked.

Testing of reactor components and construction both before and after installation is extremely rigid. It is necessary to

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STATUS OF (Contd. from Page 1)

take out all the "bugs" before operation begins. To make alterations or repairs after the reactor begins to operate is extremely difficult, and in some cases impossible. Re-examination of design and construction details of the pile is being done by scientists and engineers from Brookhaven National Laboratory, The H. K. Ferguson Company, the engineering firm in charge of the reactor construction, and Babcock & Wilcox, consulting engineers. Staff members and consultants of the Atomic Energy Commission are also engaged in this work.

The expense of reviewing the design, engineering and construction and of making the necessary modification in the structure will increase the estimated cost of the reactor and associated equipment by 6.5% of the previous estimate, from \$23,322,000 to \$24,827,000.

The Brookhaven reactor is designed for use for research purposes and is similar in type to the research reactor in operation at Oak Ridge National Laboratory. Both reactors operate with slow neutrons using natural uranium as fuel with a graphite moderator to slow down the neutrons.

The designed maximum power level of the new reactor will be 30,000 kilowatts compared to 2,000 kilowatts for the Oak Ridge reactor. This 15-fold increase in power level has markedly complicated the problem of cooling the enormous mass of uranium and graphite.

Other modifications in

LAST CHANCE FOR CHRISTMAS CONFECTIONS

Staff members have four more days during which they may purchase Huyler's candies, cake and cookies and Bond fruitcake at less than retail prices. All orders must be placed on or before December 9, at the Recreation Office.

At the time this was written, some 50 staff members had placed orders for 302 lbs. of candy, cake and cookies.

Samples of the various items offered, marked with prices, are on display at the Recreation Office.

CHRISTMAS WREATHS AT ATTRACTIVE PRICES

Arrangements have been made by BERA with the Swan River Nursery to allow staff members to purchase Christmas wreaths at attractive prices.

Samples, marked with prices, will be on display at the Recreation Office about Friday, December 9.

Details about ordering will be in next week's edition.

I like to consider myself a go-getter,
But all of a sudden I'm sick...

I've just read the list in the three-page letter
My children have written
St. Nick!

--by S.H. Dewhurst

the design and construction of the Brookhaven reactor have been made to provide the greatest possible degree of flexibility in operation.

THE COMMON COLD by William M. Hale, M.D. Head, Division of Bacteriology and Virology

The term "common cold" used in this discussion refers only to the acute epidemic respiratory disease. There is a tendency to call some non-infectious inflammations of the upper respiratory tract "colds".

Our knowledge of the "common cold" is very incomplete because of the lack of susceptible experimental animals. The only known susceptible animals are man and the chimpanzee. What little we know of the "common cold" has resulted from work done on human volunteers kept under rigidly isolated conditions during the course of experiments. Work done earlier indicated that the disease was of virus origin. This was amply confirmed and extended during the last war. The incubation period seems to be approximately 48 hours. The virus infection may be followed by a secondary bacterial infection. The experimental work and the observations on the naturally occurring disease indicate that the immunity at best, is very short.

There is, at present, no known cure for the "common cold". It is certainly advisable to consult a physician if there is any fever or other untoward symptoms. The antihistaminic drugs may relieve some of the nasal congestion, but there is considerable evidence that they do not affect the infection itself, or shorten the duration of the disease. To prevent infecting others, it is advisable
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MARGE CHIUCHIOLO TO BOWL IN EXHIBITION

Mrs. Marge Chiuchiolo, one of the Lab's leading women bowlers (1st in 1948, 2nd in 1949), will compete with Joe Falcaro in an exhibition to be held at Felice's Recreation Center, Waverly Avenue, Patchogue, on Sunday, December 18, 1949.

Joe Falcaro, one of the nation's leading bowlers, and known to keglers everywhere as Mr. Bowling, will roll six matches, his other opponents being all well-known local bowlers.

After the match games, Joe will demonstrate the trick shots for which he is famous.

The exhibition is sponsored by the Patchogue Kiwanis Club, and the proceeds are to be donated for the benefit of crippled children of St. Charles Hospital.

There will be two sessions, at 3:30 p.m. and at 8:30 p.m. The donation fee is \$1.00 per person and staff members who would like to attend may obtain tickets from Marge Chiuchiolo, Ext. 752.

THE COMMON COLD (Contd. from Page 2)

to stay away from work for a day or two and remain quietly at home.

The infection is spread primarily by people sneezing and coughing in each other's faces. If people suffering from this infection would thoroughly cover the nose and mouth with a handkerchief or Kleenex while coughing or sneezing, the spread of the disease would be materially decreased. The placing of the partially closed fist to one's mouth during the act of coughing is not effective other than to insure a more direct hit on your neighbor.

HOOPSTERS GET EVENING SESSION!

Noting the increased interest in basketball being shown by staff members, the Recreation Office has arranged to keep the Gymnasium open Wednesday evenings until 9:00 p.m., starting December 7, primarily for the use of the hoopsters. All interested staff members are welcome to take part in the Wednesday evening sessions.

The swimmpin pool will also remain open until 9 p.m. on Wednesdays.

The evening schedule for the Gymnasium and swimming pool is as follows:

Tuesday: Tennis

Wednesday: Basketball

Thursday: Badminton and Volleyball

(Pool and Gym open until 9:00 p.m. all three evenings.)

NAVAL RESEARCH RESERVE MEETING

Commander Joseph H. Graham, USNR, Director of all Research Reserves from the Office of Naval Research, will address a meeting of Naval Reservists on the evening of December 7 at 8 p.m. The meeting will be held in the auditorium at 36 Brookhaven Avenue.

It is hoped that all Reservists, both men and women, of the Navy, Marine Corps, and Coast Guard who are engaged in research, scientific development and engineering, research administration or patent law will attend.

Apartment for Rent

Newly decorated-Kitchen privileges - refrigerator - F. Walsh, Ext. 582.

CLASSIFIED

Houses for Sale

Located at 26 Franklin St. in Patchogue - Sale Price: \$5,000.

5 rooms with 3 bedrooms, living room and kitchen - 1 bedroom down, 2 bedrooms and bath up - Modern kitchen with electric stove and inlaid linoleum floor - 3/4 cellar with coal hot air furnace - Insulated - Large screened-in front porch - House and 1-car garage are on a lot 50 x 140 - Taxes: \$77 - For further information call Mrs. Francis Gody, Patchogue 4278 or the Housing Office, Ext. 2218.

For Sale

Unused skates - Girl's white figure skates - Size 13 (8 yr. old) - Bought last winter at F.A.C. Schwartz - Asking Price: \$10 - Make an offer - R.M. Chace, Ext. 2218.

Skil Saw - Model 87 - 9 in. dia. blade - Max. cut in wood: 2-7/8 in. deep - Bevel cut at 45 deg. - 2-3/8 in. deep - Complete with 3 blades and carrying case - Practically new - Also includes table which you can make table saw for ripping and cross-cutting - Walt Milian, Ext. 2381.

1938 Plymouth Sedan - Good condition - Dependable Transportation - Heater - Best Offer - Ext. 2325, D. A. MacCornack.

Wanted

Ride from East Main St., Riverhead, to Lab. - 8:30 to 5:00 - C.C. Tiffany, Ext. 596.

Ride for child from vicinity of Bellport to Sayville - 8:30-9:00 a.m. - Ext. 733 or Bellport 123-R.

PROPOSED AMENDMENTS TO THE CONSTITUTION
OF BROOKHAVEN EMPLOYEES' RECREATION ASSOCIATION

The Board of Trustees wishes to propose the following amendments to the Constitution (printed on the following pages). The proposed amendments change representation on the Board of Trustees from Districts to Activity Groups.

According to the Constitution, all proposed amendments must be posted on all bulletin boards two weeks previous to election. After this two-week period, starting Friday, Dec. 2, ballots for all employees, with voting instructions, will be inserted in the succeeding edition of The Bulletin Board.

THE PROPOSED AMENDMENTS ARE AS FOLLOWS:

ARTICLE II - PURPOSE - To read:

Sec. 1 - The Association is established to promote and regulate Laboratory-wide recreational and social activities at Brookhaven National Laboratory within the control of the Laboratory's approved welfare and recreation program. The Association shall promote athletic competition, cultural and social activities and the use of the available recreational facilities on the site.

ARTICLE IV - MANAGEMENT - To read:

Sec. 1 - The affairs of the Association shall be conducted by a Board of Trustees within which the different activity groups are represented by one of their executive officers.

Sec. 2 - Any activity group which, at any time during the fiscal year, has an active membership of twenty-five members, shall be entitled to representation on the Board, provided the activity is one which comes within the scope of the Laboratory's approved welfare and recreation program.

Sec. 3 - Any activity group not represented on the Board may request such representation at any time. Requests must be submitted to the Board in writing, along with a list of their membership. Any activity group represented on the Board may lose its membership on the Board, if, in the judgement of the Board, it does not have a sufficient number of active members.

Sec. 4 - In the management of the Association, the Board of Trustees shall abide by all rules and regulations of Brookhaven National Laboratory and shall obtain the approval of the Director of Brookhaven National Laboratory, or his designee, in regard to all programs, expenditures and accounting practices, use of Laboratory property, contracts, etc.

ARTICLE V - OFFICERS - To read:

Sec. 1 - The President, Vice-President, and Secretary shall be elected by and within the Board for a term of one year, or until their successors have been elected. The Treasurer shall be selected by the Board after consultation with the Controller. The Head of Personnel, or his designee, and the Treasurer, shall be non-voting members of the Board to advise and assist as necessary.

ARTICLE VII - VACANCIES - To read:

Sec. 1 - Should the office of President be vacated, the Vice-President shall automatically take over his duties for the unexpired term.

Sec. 2 - In the event of a vacancy in the offices of Vice-President or Secretary, the Board of Trustees shall elect one of its members to the office for the unexpired term.

Sec. 3 - In the event of a vacancy in the office of Treasurer, the Board shall select one after consultation with the Controller.

CONSTITUTION OF
BROOKHAVEN EMPLOYEES' RECREATION ASSOCIATION

ARTICLES

Article I

Name

Sec. 1 - The name of this Association is "The Brookhaven Employees' Recreation Association."

Article II

Purpose

Sec. 1 - The Association is established to promote and regulate Laboratory-wide recreational and social activities at Brookhaven National Laboratory within the control of the Laboratory's approved welfare and recreation program. The Association shall promote athletic competition and the use of the available recreational facilities on the site. It shall operate concessions as required on the site for the benefit of the employees.

Article III

Membership

Sec. 1 - All employees of Associated Universities Inc. and of the U. S. Atomic Energy Commission, in the Brookhaven Area, shall automatically be members during the period of their employment.

Sec. 2 - No dues shall be charged for membership in the Association.

Article IV

Management

Sec. 1 - The affairs of the Association shall be conducted by a Board of Trustees consisting of eight members elected by, and representing the employees of Associated Universities Inc. and of the Brookhaven Area of the U. S. Atomic Energy Commission. Four of the original members shall serve two-year terms; the other four, one-year terms. Thereafter, four members shall be elected annually to serve for two-year terms.

Sec. 2 - The election of members to the Board of Trustees and of Executive Officers shall be held the first Monday in December, or as near thereto as circumstances will permit. Two weeks' notice shall be given by the Secretary as to the time and the place of the election.

Sec. 3 - In the management of the Association, the Board of Trustees shall abide by all rules and regulations of The Brookhaven National Laboratory, and shall obtain the approval of the Director of the Brookhaven National Laboratory, or his designee, in regard to all programs, expenditures and accounting practices, use of Laboratory property, contracts, etc.

Article V

Officers

Sec. 1 - The officers of the Association shall consist of a President, a Vice-President, a Secretary, and a Treasurer, to be elected by and within the Board
(continued on the following page)

Article V - Contd.

Sec. 1 - Contd.

of Trustees for a term of one year, or until their successors have been elected. The Head of the Personnel Division of Brookhaven National Laboratory, or his designee, shall be a non-voting member of the Board of Trustees to advise and assist as necessary.

Article VIMeetings

Sec. 1 - The Board of Trustees shall meet at least once a month to formulate and carry out plans for the Association. Issues requiring a vote shall be decided by a simple majority vote. The President will vote only in case of a tie.

Sec. 2 - Special meetings of the Board may be called by the President or Vice-President, or a quorum of the Board of Trustees, or by a petition to which the signatures of twenty-five members have been affixed.

Sec. 3 - A quorum of the Board of Trustees shall consist of a simple majority.

Sec. 4 - The business of the meetings shall be conducted in the following manner:

1. Call to order.
2. Roll Call.
3. Minutes of the last meeting.
4. Treasurer's report.
5. Report of committees.
6. Unfinished business.
7. New business.
8. Motion to adjourn.

Article VIIVacancies

Sec. 1 - In the event of vacancy on the Board of Trustees, the district from which the trustee was elected shall elect a trustee for the unexpired term.

Sec. 2 - Should the office of President be vacated, the Vice-President shall automatically take over his duties for the unexpired term.

Sec. 3 - In the event of vacancy in any one of the other executive offices, the Board of Trustees shall appoint one of its members to the office for the unexpired term.

Article VIIIAmendments

Sec. 1 - Amendments to this Constitution shall require a favorable vote of two-thirds (2/3) of the ballots cast at any regular election, or at any special election held for that purpose.

Sec. 2 - Notice of such an election and the proposed amendments shall be posted upon the bulletin boards of the Laboratory two weeks before the date of said election.