

# the Bulletin Board

VOLUME 18, NUMBER 28

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MAY 5, 1965

## T. KEITH GLENNAN NAMED PRESIDENT OF AUI

T. Keith Glennan, retiring President of Case Institute of Technology, will become President of Associated Universities, Inc. on October 1, 1965. The announcement of his appointment was made last Thursday by Dr. Carl Floe, Chairman of the Board of Associated Universities. Theodore P. Wright, formerly Vice President for Research at Cornell University, is retiring from the presidency of AUI on September 30.

As President of the Corporation, Glennan will be the principal executive officer of the group. He has had a notable career in the administration of research agencies. During World War II, he was Director of the U.S. Navy's Underwater Sound Laboratory in New London, Connecticut. From 1950-52, he was a member of the Atomic Energy Commission and from 1958-61, he was the first Administrator of the National Aeronautics and Space Administration.

During Glennan's eighteen years as Case's fourth president, the Institute has been transformed from an important local institution to one of the outstanding technological institutions in the nation. During his tenure, the curriculum was revised to provide greater emphasis on basic sciences and engineering education; the humanities and social studies were given greatly increased emphasis in the programs for engineers, scientists and future executives; and centers for the interdisciplinary study of such areas as materials, engineering design, systems and computing were established.

Glennan has also been active in many civic organizations, notably in the organizations of the University Circle Development Foundation. He has been director of many Cleveland corporations and holds several honorary degrees. In recent years, he has been active in the promotion of higher education in the Latin American Republics.

## TEN YEAR SERVICE PIN AWARD APRIL, 1965

During the month of April, the Laboratory awarded a pin and certificate to Edward Heins, Cosmotron, in recognition of his completion of ten years of service at BNL.

## FORTY-SEVENTH BROOKHAVEN LECTURE



By: Walter C. Hamilton  
Chemistry Department

Title:

"Chemical Crystallography"

Lecture Hall — Wed., May 12 — 8:00 p.m.

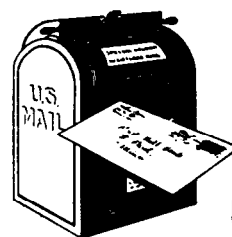
Most problems in chemistry involve the interaction of molecules or at least of atoms which are in molecules. Since the way molecules behave is dependent on their topology and geometry, the determination of their three-dimensional structures has important applications not only to many fields of chemistry, but also to physics, biology, medicine and engineering.

Perhaps the most widely-used and powerful technique for the determination of molecular structure is that of diffraction from crystals. At Brookhaven, several groups in several departments are extensively involved in the determination of crystal — and hence molecular — structures by x-ray and neutron diffraction. The Laboratory is unexcelled in having automated facilities for carrying out these experiments and also for its excellent computational facilities. Without the latter, the terribly lengthy calculations necessary for the solution

(Continued on page 4)

## SPECIAL NOTICE: PERSONNEL OFFICE HOURS

Shift workers and others: the Personnel Office is open from 8:15 a.m. to 5:15 p.m. on a trial basis.



WE  
GET  
LETTERS . . . . .

The incoming mailbags (particularly, it seems, those bound for the Information and Personnel Offices) sometimes contain letters which just aren't quite in the usual business routine. Funny, sad, indignant, complimentary — some seem worth sharing, from time to time, via the BULLETIN BOARD. The letter below, received by the Public Information Office and reproduced verbatim, reveals the Charles Addams touch:

Dear Sirs:

I am writing this letter for a very desperate purpose. I am a 15 year Boy and I am doing a term paper on **The History and applications of Neucleur and cosmic energy**. I have acquired some information on the medical side, and very little information on cosmic energy from Cal. tech., where Millikan did his work, So I am appealing to you for some information on the history of the atom and if you have any, some on cosmic rays, But most of all, if it is not top secret some information on the cobalt Bomb, the calcium-35 bomb and the neutron bomb or "death Ray." I am not so interested in the Government details like what amount of each, But How they operate. I know about the new "B E V"-atron and the new Russian Synchrotron. I think that How you spell it.

I hope I am not intruding into your private work. But my term paper is due June 7. I will gladly pay any price you want.

I am working on plans for a gun (cannon and side arm) that uses the exact same principal as the neutron Bomb, and I am almost finished.

Yours very truly,

## WISE OWL CLUB AWARD



A Wise Owl Club Award from the National Society for the Prevention of Blindness was recently presented to Patricia Donnelly, a Research Laboratory Assistant in the Chemistry Department. Pat was cleaning glassware in a sulfuric acid bath which was heated by an electric hot plate. As she removed the bath from the heat, the acid boiled over, hit the hot plate and sprayed her in the face. She received acid burns of the face and neck, but none in her eyes because she was wearing safety glasses. After the accident, the glasses were wet with acid. The burns on her face and neck were minimized because of her quick work in washing off the acid.

Shown in the photograph is Dr. Simon Freed, Senior Scientist, presenting the Club plaque and pin to Pat. They are standing in front of the hood where the accident occurred.

This is the **fifth** such award made to BNL employees whose eyes were saved by the wearing of safety glasses.

## STATE CONSERVATION DEPT. BIOLOGIST TO SPEAK AT BNL

Through the efforts of your BNL fishing contest committee we have been fortunate in obtaining a commitment from Alfred Kellar to be a guest speaker here at the Laboratory. Mr. Kellar is New York State Conservation Department Biologist in charge of Long Island's fresh water areas. For you salt water fishermen, he has promised to try to bring a friend from the Fisheries Research Unit.

This meeting should be a worthwhile one not only for fishermen but also to all who are interested in any phase of conservation.

Watch the BULLETIN BOARD for an announcement in the near future as to the time and place.

## ATTENTION ARCHERS!

Beginning May 5, the regular Wednesday evening shoot will be held at the field range at the end of Fifth Street. Starting time is 5:00 p.m. Use of the range is limited to members in good standing of the Nimrods Archery Club and their guests. Anyone interested in learning to shoot is invited to join us. For information call Lou Freeman, on Ext. 2881.

## BNL FISHING CONTEST

Fishermen, awake! Send in your entries! The BNL Fishing Contest is under way. Prizes have been purchased, and so far there have been entries of cod-fish, brook trout, and perch. Now that water temperatures are climbing, flounders, blackfish, and stripers should be making their appearances.

## BROOKHAVEN CENTER HOURS

Beginning Saturday, June 12, 1965, the Brookhaven Center will be open every evening from 5:00 p.m. until midnight. It will remain on this schedule through Saturday, September 25.

The Center will serve a dinner menu until 10:00 p.m. Sandwiches and beverages will be available until 11:30 each night. All charges incurred must be paid in cash.

## NEXT BERA DANCE

To be Sponsored by  
**NUCLEAR ENGINEERING DEPARTMENT**  
June 18, 1965

## SPECIAL CONCERT

A concert given by the children of Brookhaven employees will be held on Thursday, May 20, at 8:30 p.m., in the Brookhaven Center. The program will include works by Bach, Mozart, Beethoven, Grieg, Debussy and Chopin. The performers will be Barbara Winsche, Lisa der Mateosian, Beverly Price, Katherine Gould, Little Rau, Catherine Kouts, Maro der Mateosian and James Gemmell. There will be no admission charge.

## TIAA — CREF

Participants in the Laboratory Retirement Plan may elect to have all premiums applied to TIAA, the fixed annuity, or may elect to have a percentage of premiums applied to TIAA and the remainder (up to 50%) to CREF, the variable annuity.

These percentages may be changed once a year, effective July 1. All participants who wish to change current percentages must make application at the Personnel Office **prior to June 1, 1965.**

## GYM CLOSED

The Gymnasium will be closed for all physical activities May 4 to 7 because of the scheduled Bowling Awards Night.

## FREE TRANSPORTATION TO PATCHOGUE

By calling Ext. 585 on Mondays or Thursdays, on-site residents may request transportation to Patchogue for shopping on Tuesdays or Fridays. The car will depart from the school bus shelter in the Apartment Area at 9:00 a.m. and will leave Patchogue at noon for the return trip.

## BOWLING AWARDS NIGHT

Denizens of the Brooklyn and New Jersey sides of the approaches, lanes, alleys and gutters (bowling type, that is) will assemble on the Sidewalks of New York (the Gymnasium, that is) on Friday evening at 8:15 for the annual Bowling Awards Night.

Tickets are being distributed this week. Make sure that you get yours. Each bowler in the Association gets one ticket, good for himself and one guest. Distribution is being made through the league secretaries and team captains.

Presentation of awards will begin promptly at 8:30 p.m. Awards will be presented by Dr. R.C. Anderson of the Director's Office, assisted by Mr. Joseph Washburne, Personnel Manager, and Mr. George Sabine of the Recreation Office.

If you haven't already done so, today is the day for your team to get down to the Gymnasium to reserve your table. Table decorations are up to you, and there will be three prizes for the best. Lots of competition this year with sixty-two teams.

After the year's winners are appropriately honored, Jerry Van's East-Siders will take over the entertainment, with equal fun for winners and also-rans, scheduled to go on until 2:00 o'clock Saturday morning.

The Bowling Board wishes to thank all the people who helped keep scores, etc., at the Championship Tournament.

## SUMMER BOWLING LEAGUE

Entry blanks are now available at the Recreation Office for those wishing to join our summer mixed league.

It is planned to start the season the week of June 1 if enough team entries are received. Teams will consist of four regular bowlers and it is recommended that each team have two substitutes. Bowlers must be a BNL employee or the spouse of an employee.

The league will be handicapped so that newcomers can join the fun. The season will run fourteen weeks, ending August 31. Entry fees have been set at \$2.50 per bowler. Trophies will be awarded for first place and individual highs. Last season's league bowled at Port Jefferson on Tuesday evenings at 6:30 p.m. However, the entry blank offers a selection of nights and bowling alleys. If necessary, a meeting of team captains will be called to determine the time and place.

Entry blanks, accompanied by fee payment, must be submitted by May 21.

## LAST CHANCE FOR "3PO": FRIDAY AND SATURDAY, MAY 7 & 8



Well, "The Threepenny Opera" opened this past weekend. First-nighters and the Saturday evening audience agreed that this is a colorful and tuneful musical comedy. Everyone sat engrossed as he watched Mack the Knife slowly but surely win the affections of every woman on the stage: the innocent Polly Peachum, the sadder-but-wiser Lucy Brown, the exotic and wily Jenny Diver. The show will give performances for one more weekend, on Friday and Saturday, May 7 and 8. Tickets are still available for each night, so come along and plan for an exciting evening of delightful musical comedy.

Here're the comments of one of last weekend's theatre-goers:

"We had the pleasure to see the remarkably good performance of 'The Threepenny Opera' last Friday and Saturday and feel sorry that we, the audience, did not show up in a larger crowd to take advantage of this excellent opportunity. Director Tony Nappi and the entire Theatre Group deserve a lot of credit for having tried hard and successfully to catch the play's atmosphere as it was originally meant by Berthold Brecht and Kurt Weil. The play is not a classical opera (so don't be afraid), nor is it a musical in the usual sense of the word. You will find many interesting facts about it in the very artistically and informatively made up program. Let's prove to our friends how much we appreciate their efforts by increasing our attendance at least linearly if not even exponentially. To reach this goal, 440 spectators will be necessary to attend this Friday and 600 this Saturday. So come to the show - you will not be disappointed!"

—GEORGE H. TISLIAR

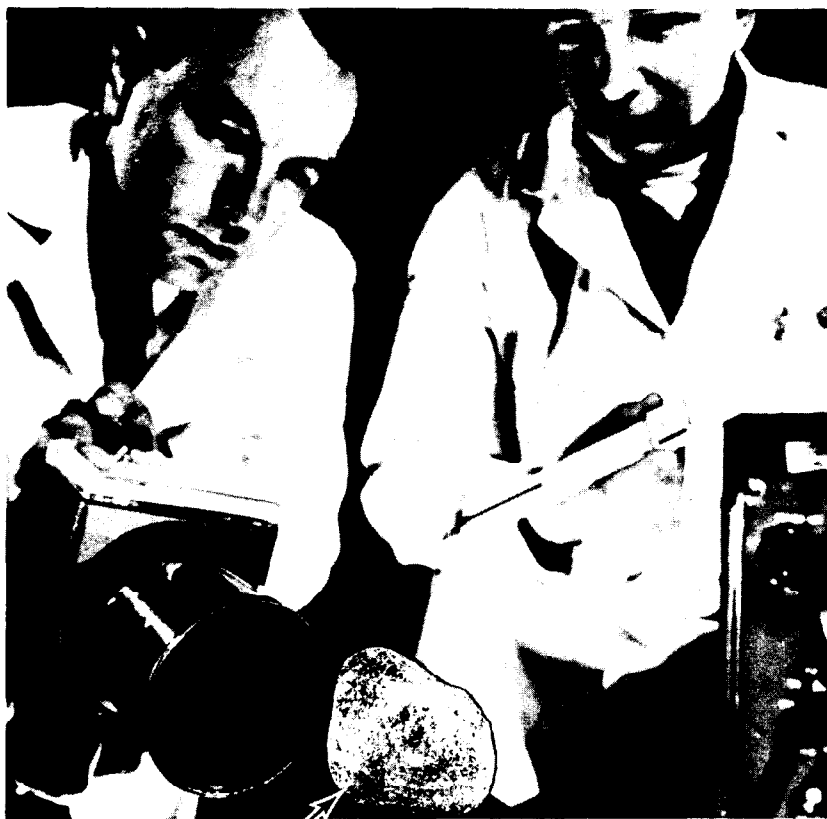
## BULLETIN BOARD CLASSIFIED AD POLICY

1. Employees only may place ads in THE BULLETIN BOARD.
2. **All items advertised for sale must be property of an employee.**
3. Real estate ads **will be accepted only when they involve change of residence by an employee and are accompanied by a statement of ownership and change of residence.**
4. No ads for business purposes will be accepted.
5. **Ads must be submitted in writing** (preferably typed) **by 3 p.m. Friday** for in-

clusion in the next week's newspaper. Address the ads to THE BULLETIN BOARD, 58 Brookhaven Avenue, or deliver them to the Personnel Office. Ads must contain a signature and Laboratory telephone extension. If you do not want your name to appear when the ad is printed, put it in parentheses.

6. **Ads are run on a space available basis.** If your ad does not appear due to space reasons, it will be held for inclusion in the next issue of THE BULLETIN BOARD.
7. If you wish to repeat an ad, it must be resubmitted.

## WHAT IS IT???



Watch next week's BULLETIN BOARD for an account of the shattering answer!

## I.A.E.A. EMPLOYMENT OPPORTUNITIES

Additional information concerning the jobs listed below may be seen at the Office of Scientific Personnel, second floor, Administration Building.

Type of Opening	Duty Station	Date Available; Duration
Reactor Shielding	Ljubljana, Yugoslavia	Second half 1965; six months
Radioactive minerals prospecting	Damascus, Syrian Arab Republic	1966; six months
Hospital physics	Manila, Philippines	Second half 1965; six months
Health physics	Beirut, Lebanon	Immediately; one year
Reactor administration	Baghdad, Iraq	1966; nine months
Reactor electronic instrumentation & control	Teheran, Iran	Immediately; two years
Radioisotope applications in medicine	Teheran, Iran	Immediately; one year
Radiochemistry	Santiago, Chile	1965; nine months
Radiobiology	Baghdad, Iraq	1966; nine months
Nuclear Physics	Baghdad, Iraq	1966; nine months
Reactor programming	Teheran, Iran	Immediately; six months
Radioisotope applications in agriculture	Santiago, Chile	1965; nine months
Reactor engineering	Rio de Janeiro, Brazil	June 1965; one year
Radiogenetics	Sao Paulo, Brazil	July 1965; six months
Nuclear chemistry	La Paz, Bolivia	1965; six months
Experimental nuclear spectroscopy	Buenos Aires, Argentina	1965; nine months
Radioisotope production	Buenos Aires, Argentina	July 1965; three months
Atomic energy planner	Santiago, Chile	Immediately; six months
Reactor utilization	Bogota, Colombia	Immediately; six months
Radioisotope applications in medicine (scanning)	Montevideo, Uruguay	Immediately; three months
Nuclear electronics	Leopoldville, Congo	September 1965; six months
Radiobiology	Lovanium, Congo	September 1965; six months
Physical chemistry	Inshas, Egypt	October 1965; ten months

## BROOKHAVEN LECTURE — (Continued)

of a crystal structure could not be carried out.

One of the pleasures of crystallography is that it is not yet a completely routine subject, and efforts that are often heroic precede the moment when the crystallographer, surrounded by his cork-ball models, sees parts of a large structure falling into place.

Part of the program in the Chemistry Department at Brookhaven has been directed toward the solution of the structures of inorganic compounds of unusual chemical interest. These problems have in the past included structure determinations of the first noble gas compounds, complexes of transition metals, and some penta-coordinated phosphorous compounds. Of great interest also is the work which has been done in hydrogen-bonded systems. These are of course of great importance in biological systems, and a recent interesting study has been that of the anti-leukemia agent, methyl-GAG.

## Arrivals and Departures

## WELCOME TO BNL

AGS	
Horst W.J. Foelsche	Ext. 2841
APPLIED MATHEMATICS	
Robert J. Liegel	2591
CENTRAL SHOPS	
James W. McIntosh	558
MECHANICAL ENGINEERING	
Joseph Schenk	
MEDICAL	
Mary Borruso	301-14
Frances R. Lewis	301
PHYSICS	
Bernard T. Bertman	2713
Dolores Lindenfelser	574

## RECENT DEPARTURES

AGS	
Robert Tallon	
FISCAL	
Patricia Greco	
PHYSICS	
Henry H. Woelfel	

WATCH FOR  
CLASSIFIED AD SUPPLEMENT

## FOUND

PEN - Parker, found in Bldg. 815.  
RAINCOAT - Child's yellow, found at Gym.

Recreation Office — 3 Center Street