



## IAEA Panel Meeting Opens Here Monday

A week-long International Atomic Energy Agency panel meeting on Neutron Data Compilation will start Monday in the BNL Conference Center.

Because of several Russian participants in the meeting, proceedings will be simultaneously translated into Russian and English. Participants and observers from all parts of the world will attend. The Scientific Secretary of the meeting, and IAEA Representative is Dr. V. Konshin from the USSR.

Dr. Sol Pearlstein, Director of the National Neutron Cross Section Center, a divisional unit of the Department of Applied Science will be Host to the meeting. Dr. Murrey Goldberg, also DAS, a participant in the meeting, will make a presentation on "The Specification and Characterization of Neutron Data."

Others from BNL participating will be Dr. Samuel Goudsmit, speaker at the Monday night banquet, and Daniel M. Schaeffer, Information Division, who will act as Conference Officer.

## Second Semester At BNL Underway

The six students participating in the second Brookhaven Semester have arrived at BNL and are scheduled to start regular classes on Monday, February 10. In addition to the students, a faculty member from Grambling College has also arrived and will be assigned to work with a member of the BNL staff in either the Chemistry or the Physics Department.

The students are: Alfred Stinson, Jarvis Christian College; Jacqueline Kennedy, Prairie View A&M; Kenneth Hinson, Prairie View A&M; Linda Mae Parker, Langston University; Lucille Croom, Talladega College; and Brenda Choyce, Grambling College. The faculty member from Grambling is Frank James.

## Lab Director Speaks At Writers Seminar

Laboratory Director Maurice Goldhaber took part in a seminar for science writers held prior to the annual meeting of the American Physical Society - American Association of Physics Teachers.

The seminar took place on Saturday morning, February 1, at the New York Hilton Hotel, and was designed to reach science writers from daily newspapers, wire services, magazines, radio and television. Each speaker attempted to summarize current developments and future trends in his field of interest. After the seminar, the participating scientists met with the writers at an informal luncheon meeting.

## New Name - New Sign



Douglas Smith and Paul Kelly of Plant Engineering and Planning work on modifying the first of many signs for the Department of Applied Science. All signs that carried the words "Nuclear Engineering Department" will have to be changed to conform to the new department designation. —Humphrey

## Concrete Polymerized At BNL



Toni Salamone, Department of Applied Science, holds one of many samples of concrete made at the Bureau of Reclamation in Denver, and shipped to BNL for impregnation and polymerization. —Humphrey

## Affirmative Action Policy Reaffirmed As Result of Recent Lab-Wide Meetings

Because of questions asked at recent Lab-wide meetings, the policy of Affirmative Action has been reaffirmed by Joseph S. Washburne, Personnel Manager, as described below.

"A number of meetings have recently been conducted by the Affirmative Action Advisory Committee. This Committee, which is advisory to the Director on the Laboratory's equal opportunity policy, presented a critique of the Laboratory's accomplishments and shortcomings in meeting the objectives of equal opportunity.

As a result of these meetings, the feedback from employees indicates there are at least two questions to be answered:

1. Are the Laboratory's affirmative action programs aimed at benefiting only Negro applicants and employees?

No. The Laboratory's obligations and programs are aimed at benefiting all minorities and all underprivileged people. The tendency to speak predominantly of Negroes is due to the fact that the largest minority group in the community, and therefore in the Laboratory, is the Negro.

2. Does the term "affirmative action" mean hiring and promoting non-qualified individuals?

No. Affirmative action in its simplest form means doing more than just publishing a non-discrimination clause. Affirmative action is giving that extra push to create opportunities for disadvantaged people - opportunities through which they may become qualified to assume entry-level positions and eventually pull their own weight.

The Laboratory has created opportunities for the disadvantaged individual through on-the-job training programs. One of the most promising of these programs is the proposed apprenticeship program for train-

ing a limited number of craft employees. Any employee, including minority and underprivileged employees, may apply for this program, but they must meet the New York State prescribed selection criteria. There are also provisions in the labor union contract with regard to length of training, prescribed courses, and rates of pay. Graduates of the apprenticeship program will be qualified to work on an equal basis with other Laboratory craftsmen.

Another on-the-job training program is the high school program, run jointly with the Board of Cooperative Educational Services. At the present time, seven of the participants are underprivileged Negroes and the remaining thirteen are underprivileged Whites. The objective of this program is to give the participants on-the-job training so that they may compete for positions otherwise more readily available to graduates with different socio-economic backgrounds.

It is in the best interests of the Laboratory and the community to seek out minority and disadvantaged employees and applicants who are either fully qualified for some jobs or are qualifiable for entry-level jobs through programs such as the ones just described."

## Cooking Exchange Meeting

The next meeting of the Cooking Exchange will feature a demonstration of cooking, representative of the Bahamas. This meeting will be held on Thursday, February 13, 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.

## Longwood Evening Classes

During the week of February 10, from 8 to 10 p.m., the adult education program at Longwood HS will begin. Courses will be offered on Tuesday, Wednesday and Thursday nights until the middle of May.

Most of the courses offered are for a fee of \$5 plus materials. A complete listing may be obtained from the school by calling 924-6400, Ext. 46.

## New Concrete-Plastic Material Developed at DAS - Radiation Division

An improved type of concrete, made by using radiation to combine conventional concrete and plastic, is being developed by the Radiation Division of the Department of Applied Science.

Working under the direction of Bernard Manowitz, Division Head, Meyer Steinberg is directing a group that processes samples received from the Bureau of Reclamation's Engineering and Research Center in Denver.

When concrete samples are received at BNL, they are dried, evacuated, soaked and impregnated before polymerization. Engineer Larry Kukacka and chemists Pete Colombo and Jack Fontana work with Jules Varela, Ken Kanige, and Jerry Farber to process the samples, which are then shipped back to Denver for testing and evaluation.

According to a newly published research report, samples of the new material, called "Concrete-Polymer," test four times stronger than ordinary concrete. Concrete polymer is described as highly resistant to abrasion and freeze-thaw damage and nearly 100% resistant to corrosion.

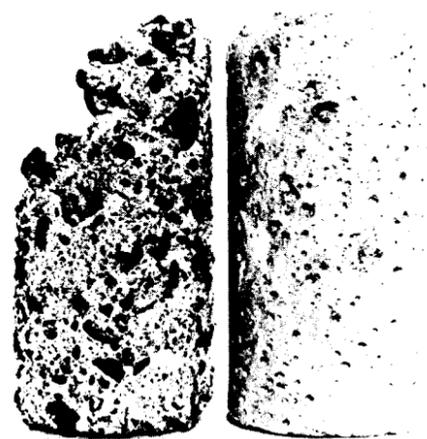
Ordinary hardened concrete made of cement, water and aggregate is first placed in a vacuum then soaked in a liquid chemical called a "monomer," such as methyl methacrylate. It is then placed in a special chamber where it is exposed to a cobalt-60 radiation source for several hours. The liquid, which has permeated the concrete, hardens into a plastic.

The monomer may also be polymerized by a combination of heat and radiation, or heat and chemical catalyst.

Interconnecting voids make up about 14 percent of ordinary hardened concrete. This allows thorough impregnation by the monomer, which upon polymerization results in four times more tensile and compressive strength. Because the voids are filled with polymer, water permeability is reduced to a negligible level. Abrasion and cavitation resistance is four or five times greater.

The depth of the penetration of the plastic into the concrete can be controlled. Complete penetration increases the weight of the material by less than seven percent.

The evaluation of concrete-polymer material for use in desalting plants is underway. Particular emphasis in testing is being placed on the material's resistance to de-



Untreated concrete (left) is compared to a sample impregnated with methylmethacrylate and polymerized by radiation. Both samples were tested for corrosion resistance.

terioration by brine and distilled water which is heated to temperatures as high as 290° Fahrenheit. The Office of Saline Water is furnishing support for this phase of the project.

Interest in possible applications has been shown by other federal agencies including the Naval Civil Engineering Laboratory, the Army Corps of Engineers, the Department of Agriculture's Research Service and the Bureau of Public Roads.

This joint agency effort is funded primarily by the AEC Division of Isotopes Development, with additional support from the Department of the Interior's Bureau of Reclamation and the Office of Saline Water.

**Russian Scientist Lectures At BNL**



Two Russian scientists who were attending a high energy physics conference at the University of Miami, Florida, were invited by Lab Director Maurice Goldhaber to visit BNL to describe experiments in progress at the 76 GeV accelerator in Serpukhov. During their two-day visit, Dr. L.D. Soloviev, (left) gave a talk in which he described the first experiments at Serpukhov, and also talked of the theoretical researches being carried on there. Dr. V.P. Shelest, (right) from the Theoretical Physics Institute at Kiev, accompanied Dr. Soloviev. —Humphrey

**President Nixon Shows Interest In Project Plowshare**

During discussions with AEC Chairman Glenn T. Seaborg, President Nixon singled out Project Plowshare as a program that the AEC should accelerate to the best of its ability.

The subject was discussed as a result of the President's asking Dr. Seaborg to remain as AEC chairman for an indefinite period.

The AEC, at the request of the Australian government, is conducting a feasibility study on using nuclear excavation methods to make a deep harbor at Cape Keraudren, in Western Australia. Seaborg said the venture would provide important information on the feasibility of carving a new canal through the Panama Isthmus by nuclear means. The project would involve five 200-kiloton charges buried at a depth of 800 to 1,100 feet. The experiment would cost approximately \$10 million and could take place by the end of 1970. It is believed that the excavation could be done without violating the treaty banning nuclear tests in the atmosphere.

**Here and There**

Dolores del Castillo

Jacob Gilat (DAS) attended the American Physical Society Meeting held in New York February 3-5.

Joseph M. Hendrie (DAS) has become Vice-Chairman of the Atomic Energy Commission's Advisory Committee on Reactor Safeguards for the calendar year 1969. Mr. Hendrie succeeds Stephen H. Hanauer, University of Tennessee, who has been elected Chairman of the Committee.

Max M. Small (PEP) attended an AEC Laboratory Plant Engineering Managers meeting held at Oak Ridge during the week of January 20.

Frederick P. Cowan (Health Physics) attended the annual AEC-Contractor Operational Safety Meeting in Las Vegas, January 23-24. On January 26-28, he conferred with the Health Physics staff at Stanford University and attended a meeting of the Program Committee for AEC-SLAC Accelerator Conferences at Stanford Linear Accelerator Laboratory.

John Chester (Health Physics) was Chairman of the Fourth Health Physics Instrumentation Information Exchange Meeting in Las Vegas, January 26-27. He also presented a paper, entitled "The Use of a Differential Voltage Comparator as an Alarm Level Control," at the Health Physics Society Mid-Year Symposium in Los Angeles, January 28-31.

Charles B. Meinhold (Health Physics) presented an invited paper at the Health Physics Society Mid-Year Symposium in Los Angeles entitled "Facility Monitoring Programs, Techniques and Problem Solving."

Other Health Physics members attending the Symposium in Los Angeles were Charles W. Flood, Michael J. O'Brien and Andrew P. Hull. Mr. Hull also attended the Intersociety Committee Meeting on Ambient Air Sampling & Analysis sponsored by the APHA in Los Angeles.

Robert Serber (Consultant to BNL Physics Department) has been named Vice President Elect of the American Physical Society meeting held in New York, February 3-6. Dr. Serber is Professor of Physics and Director of the Theoretical Physics Group at Columbia University.

Jean I. Wagner and John H. Cusack (DAS) visited Lockheed-Georgia in Dawsonville, Georgia to inspect the final encapsulation of cobalt-60 sources being fabricated there for use in HIRDL.

On Friday, February 7, Michel Sarquitz of Saclay will visit the Laboratory to have discussions on fast electronics and circuits.

John Eric Lynn of Harwell will also visit the Laboratory on February 7 for discussions on neutron capture phenomena.

Gabor Domokos of Johns Hopkins will be at the Laboratory on February 11 to give a physics seminar, entitled "Hidden Symmetry in Hadron Spectrum."

**HVE Product Exhibit And Display At AGS**

A display and seminar on accelerator accessories and supplies will be held next Wednesday on the first floor of the AGS building. Coffee will be served to all attending the sessions between 10 a.m. and 2 p.m.

High Voltage Engineering Corporation is the leading supplier of Van de Graaff particle accelerators in the energy range from 100 KeV to 30 MeV. Recently the Equipment Division has been formed with the express intent to function as supplier of accelerator accessories to the entire accelerator research organization. Accordingly, four product lines have emerged: electromagnets; vacuum plumbing and accessories; beam line equipment; and ion sources. Present HVEC capabilities and products in these areas will be discussed and exhibited February 10 in the first floor of the AGS building. HVE representatives will be on hand, as well as a rather extensive display of equipment.

**Gym Will Be Closed**

Starting on Tuesday, February 11 at 9:00 p.m. and extending through Monday, February 17 at 5:00 p.m., the Gymnasium will be closed to all athletic activity. This closing is necessary in order to prepare for the up-coming BERA Valentine Dance on Friday, February 14.



Dr. L.D. Soloviev, (center) answers questions put to him by Dr. L.C.L. Yuan, BNL physicist. Soloviev, a Russian scientist lectured at the Physics Department on January 29.

**Coming Attractions**

- 2/6 BERA Concert - Bernedi Quartet (Berkner Hall - 8:30 p.m.)
- 2/12 Navy Lecture (Brookhaven Center - 7:30 p.m.)
- 2/14 BERA Dance (Gymnasium)
- 2/19 Navy Lecture "Medical Electronics" - Howard Pate (Brookhaven Center - 7:30 p.m.)
- 2/21 Holiday

**Service Awards At AGS**



A small gathering took place in the lobby of the AGS Building on Wednesday, January 22, at which time Department Chairman Dr. G.K. Green awarded 10 and 20 year Service Awards to members of the Accelerator Department. Among the 10-year recipients were: Top Row, Douglas C. Mitchell, Harold Alexandersen, Gordon E. Rackett, Richard E. Nedosik, John M. Sullivan, Charles H. Pretlow and Anthony Gangemella; Middle Row, William H. Bolster, Rino Tulipano, Walter Berg, Mildred M. Eisold, David D. Jacobus, Orland D. Centapur, William A. Patton and Harold A. Lobe; Bottom Row, Robert A. Loper, Calman Lasky and Lyle W. Smith (20-year recipients), Brian C. Vogt, Michael Isantschuk and Andrew N. Quattrocchi. Henry J. Halama and Chester A. Smith were not present for the picture taking.

**BROOKHAVEN BULLETIN**

Published Weekly for the Employees of Brookhaven National Laboratory

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NORBERT J. DERNBACH  
Public Relations Officer

**Letters To The Editor**

Dear Sir:

We have many services on the laboratory site, including a gymnasium, indoor swimming pool, outdoor tennis courts, a shoe store, a post office, a gas station, a bank, cafeteria, medical aid, etc. These services are geared to improve the efficiency of the laboratory personnel by making it more convenient in accomplishing their tasks. There is one service which I believe should be added, and falls into the same category of aiding the personnel in their duties to the laboratory. That is a barber shop. It is known that some people go off-site to get their hair cut and this takes time off from their work. By providing a part-time barber's service on site it is estimated that the lab would gain a considerable number of man-hours of work. One should remember that even the new generation must get their razor cuts despite the length of hair. Besides improving the efficiency, the laboratory's appearance would be immeasurably improved. I am mainly addressing myself to the male situation, however, females could avail themselves as long as the hair-do is simple. The laboratory should look into the matter of an on-site 2 or 3 day-a-week part-time barber service. For a sharper, neater, cleaner, more efficient Brookhaven National Laboratory, provide an on-site barber. M.S.

**Arrivals & Departures**

**Arrivals**

- Franklin H. Federmann.....AUI
- Timothy Macdonald.....Biology
- Frederick K. Ross.....Chemistry

**Departures**

- Domenick Cassella.....PEP
- Seymour G. Epstein.....Applied Science
- Alan C. Guthke.....Accelerator
- Dorothy A. Lewin.....Security
- Robert McAllister.....Accelerator
- Noboru Nomura.....Biology
- George J. Reichenbacher.....Accelerator
- Ariadna Simonow.....Syst. & ADP
- Loretta C. Sohn.....Medical

**Dollars and Sense**

Leon Meshel

**Employee Travel Expenses**  
by Frank Bloom

Employees who are required to use their personal cars for business purposes (off-site travel) and are reimbursed for mileage at \$.08/mile, can realize a deduction for Federal tax purposes as follows:

A. By computing the actual costs of operation for the year (depreciation, gas, oil, insurance, maintenance and repairs) and dividing by total mileage traveled. The cost per mile in excess of the \$.08 reimbursement would be deductible for all reimbursed business mileage.

B. A simpler method for employee business mileage up to 15,000 miles per year allows the employee to use a \$.10/mile flat rate. In this case the deduction is computed by multiplying the \$.02/mile differential (10¢ minus 8¢) times the number of business miles reimbursed at \$.08/mile.

C. Both of the above methods can be used to claim a deduction by filing Form 2106.

Note: Employees should maintain a record of all business mileage traveled during the year to support the computation of the above deduction.

**Entry To Laboratory - Reminder**

Admission to the site is restricted to those having official business at the Laboratory and properly sponsored visitors.

## A Heart, Keys, Diamonds, And Margie, Too!!

This lovely creature is Margie Farrell, featured vocalist with the Tony Forlano Orchestra. Margie and Tony will be singing and playing for your listening and dancing pleasure at the BERA Valentine Dance at the Gymnasium on Friday, February 14.



The Central Shops Dance Committee, with Duke Worthington, Chairman and Jim Ryan, Co-Chairman are working on another big attraction. This will be a Giant Heart to be opened by lucky keys which will be distributed to everyone attending. A big surprise awaits the winners.

Remember - the dance is only one week away. If you haven't already lined up your date, you better do it right away. How about getting a group together from your department?

Dress will be regular party wear - suits or sport coats and ties for the men, and afternoon or cocktail dresses for the ladies.



We gave you all the other details (how much, what time, etc.) in past issues of the *Brookhaven Bulletin*. However, if you can't remember them or you have other questions, call the Recreation Office on Extension 391. We'll be very happy to answer them for you.

## Adult Ed Registration At Newfield Feb. 3 - 6

Registration for Adult, or Continuing, Education courses in the Middle Country Central School District will be held during the first week of February from 7 to 9 p.m. at Newfield High School in Centereach.

Courses offered are in the fields of Applied Arts, Art and Music, Business Education, Driver Education, Drama, Educational opportunities, Languages, Electronics, Data Processing and Recreational subjects.

Brochures describing the courses in detail as well as fees and meeting nights may be had at the BNL Personnel Office, or by applying to the school. John F. Jacobs, I & HP, can supply further information about the electronics courses offered. He may be reached on Extens. on 2955 at the Lab.

## Cooking

The Cooking Exchange was instituted in 1962. It was started at the suggestion of Laboratory wives and foreign visitors. The common interest in food forms a point of contact for other social get-togethers for families.

The purpose of the Cooking Exchange is to demonstrate, exchange and sample the exotic, as well as standard, dishes of various countries - all Laboratory wives are invited to participate in these cooking sessions.

The group meetings, which begin in September and continue through May, are held in the Recreation Building on York Lane. Two are scheduled monthly during the late afternoon hours. Baby sitting services are provided at a modest fee which helps defray the expenses.

BERA has published our cookbook named "The Glorious World of International Cookery", which contains cooking recipes demonstrated at our sessions. Copies may be purchased at the Recreation Office.

One of the annual highlights of our program is a Christmas party to which husbands are invited to partake of the delicacies and goodies of the season from many countries. A fabulous dinner, to which the husbands are also invited, is given at the termination of the year's activities which occurs in June.

## Insurance Office Gets Gas Fumes

Cars left idling outside of the BNL Personnel Office, next to the windows of the Insurance section have been pumping exhaust fumes into the building and causing discomfort to the secretarial staff.

The monoxide fumes enter the office through open windows or air conditioning ducts and cause acute discomfort.

Laboratory traffic require that all vehicles park in designated areas only, whether they are official or non-official cars. Traffic commissioner Barnes of the Security Division emphasizes the fact that the status of "Official Vehicle" does not magically clear the exhaust of all impurities or render the people inside a building immune to the effects of the monoxide gas.

At the Personnel building, vehicles are frequently left by the front door with the motor running while the driver goes inside for forms or documents. Personnel is one of the few places on site where there are always extra parking spaces, so it is suggested that these be used in order to avoid the possibility of causing exhaust gases to enter the building.

## "Gypsy" Needs Rehearsal Pianists And Production Workers

Pianists are needed to play at "Gypsy" rehearsals. Any pianist who can devote some evenings is welcome since convenient schedules can be arranged. Interested people please call Mary Kinsley (Ext. 2821 or Ext. 2200).

Production committees need people in all capacities. There is a place for you if you are interested in make-up, costumes, set construction, set decoration, props, stage crew, or any other production work. Production workers please call Don Koenig (Ext. 2240) or Flo Counadis (281-6798, after 3 p.m.)

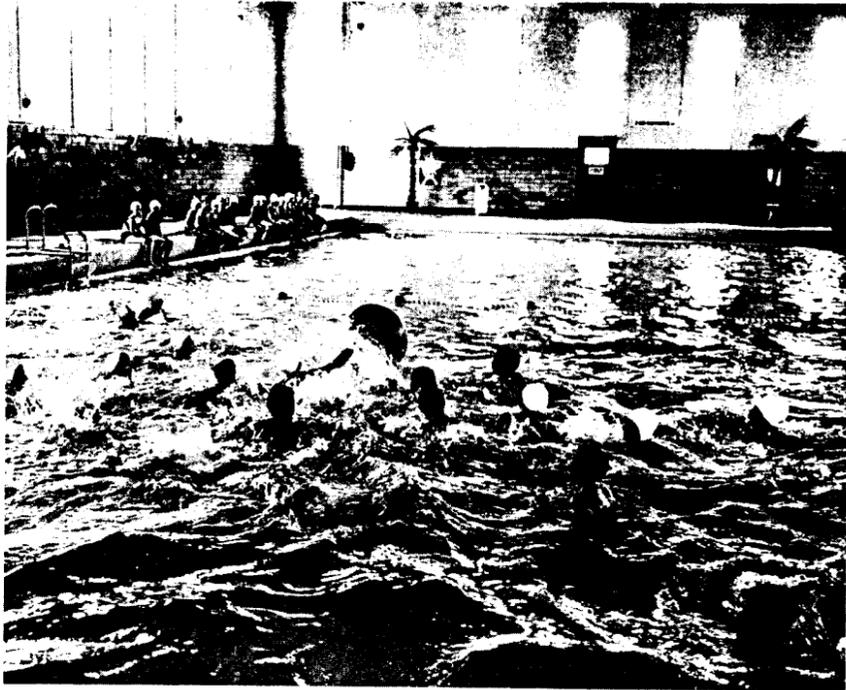
## It's All A Big Bang

Carnegie Institute astronomers believe the universe destroys and rebuilds itself every billion years. It is supposed that the universe shrivels up to a superdense cloud of gas which gets so hot it explodes. The matter thrown into the void because of the explosion creates another universe which then expands for billions of years. At some point, the gas cloud stops expanding, starts to contract, and then explodes, thus starting yet another universe cycle.

It is theorized that our universe was not born, but only reborn as a result of an earlier explosion, and that was 11 billion years ago. Since this explosion takes place every 80 billion years, we have only 69 billion years left to prepare ourselves for the next big bang.

Get ready, get set . . .

## Get In The Swim



## Bowling News

Irma Carl

### Purple League

Designers are still in possession of first place with S&M and the Phoubars one point behind. Arnold Benson was high man for the evening with a 556 series. Others who bowled well were Mike Guacci 205-529, Dick Vogt 514, Bill Brown 506, Carl Cantera 505, Joe Nocar 204-504, Joe Scesny 503 and Joe Rolfes had a 207.

### Red League

The Sandbaggers broke the tie for first place. The loudspeaker was working overtime announcing high scores at Port Jeff Lanes Tuesday night. J. Petro came up with a 223, G. Spira 219, J. Lee 213, K. Robins 213/203, F. Abbatiello 211, F. Green 209, A. Manger 206, R. Myer 203, J. Kane 202, W. Sampson 202, J. Ferranti 201, B. Christianson 200, and N. Parrinello 209, his first encounter with a 200 - congratulations.

### Green League

Nugatories and Electrons now tied for first with the Fire Department one point behind. A 506 series was bowled by T. Holmquist and a 504 by B. Belligan.

### Pink League

Carol Beckner rolled a good series the other night and Terry Barbato, Kay Trautwein and Lillian Hillerud bowled above their averages. And if you're wondering why the vital statistics aren't listed - the vitality was there, but not in the statistics.

## Theatre Group Holds Technical Seminars

As the first in a planned series of seminars on the technical aspects of the theatre, the next meeting of the Theatre Group on Monday, February 17, will feature a discussion by Robert O. Maher on organization techniques for the director. The meeting will start at 8:30 p.m. in the Theatre.

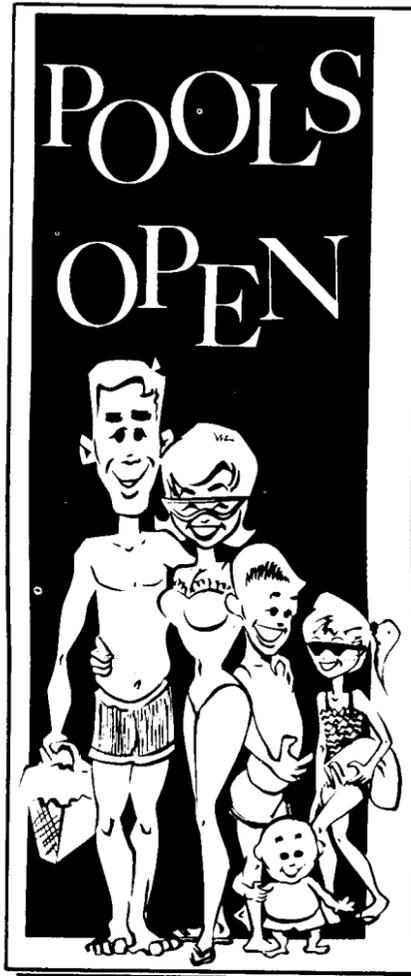
Mr. Maher appeared with the Brookhaven Theatre Group as "Sir" in "The Roar of the Greasepaint." He has successfully directed numerous musicals over the last few years for various community theatre groups.

## Ex Officio AAAC Members



Ex Officio members of the Affirmative Action Advisory Committee are; William Knapp, Office of Scientific Personnel; Isaac Cole, Personnel; and Joseph S. Washburne, Personnel Manager.

## Swimming Pool Schedule



Daily Monday through Friday

12:00 noon - 3:00 p.m.  
5:00 p.m. - 9:30 p.m.

The new extended schedule of the Swimming Pool is now in effect.

The Pool is closed on BNL holidays.

## Slate Selected For BERA Board

An election will be held during the early part of February to fill three positions on the Executive Board of the Brookhaven Employees' Recreation Association.

Present members of the Board are Robert Fuchs, President; Alf Christoffersen; Mary Kinsley; John Binnington; Woodrow Hobson; and George Oldham. On March 1, the terms of Fuchs, Christoffersen and Kinsley will expire.

The following slate of candidates has been selected by the BERA Nominating Committee for election to the Board:

Emory Egler  
Engineer - Accelerator Dept.

Paul Kelly  
Sign Painter - Plant E&P

Charles W. Kim  
Scientist - Medical Department

Leslie L. Lawrence  
Scientific Programming Analyst - Applied Math

Eena-Mai Franz  
Chemist - Chemistry Department

Helen M. Kalbach  
Secretary - Biology Department

## Classified Advertisements

### Positions Available

TOOL & INSTRUMENT MAKER (LEADMAN) (4) - Central Shops. Areas of Assignment: Light Machine Shop, Radioactive Shop, Cyclotron Staff Shop, Heavy Machine Shop.

Application Deadline: February 17, 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

68 SS396 EL CAMINO - 4 spd, custom made tarp on bed, perfect cond, 7 mos old, must sacrifice. \$2950. E. Metzler, Ext. 2512.

60 DODGE SENECA - 6 cyl, r/h, auto trans, snow tires. \$75. D. Mitchell, Ext. 2598.

62 FALCON STATION WAGON - Would you believe 1800 miles? Beat up body. \$250. Ed, Ext. 2251.

66 MUSTANG HDTP - Beautiful car, 200 hp V8, auto trans, new tires, battery, carb, 36,000 mi. Al, Ext. 344, AN5-7726.

57 CADILLAC SEDAN - Needs work, good for parts. \$50. Gene, HR3-0228.

58 CHEVY - 6 cyl, good tires, runs. \$50. R. Zantopp, Ext. 598.

65 CHEVROLET IMPALA WAGON - Towner, std trans, 6 cyl, excel cond, must sell. \$1050. Petruk, Ext. 2141, AT6-0124.

60 AUSTIN HEALEY BUG-EYED SPRITE - New top & tonneau, r/h, carbs just rebuilt, Pirelli tires, very good cond. Asking \$300. Ken, JU4-6326.

64 CORVAIR - 4 dr, auto trans. \$475. Henry, 727-4688.

61 RAMBLER STATION WAGON CLASSIC - 6 cyl, auto trans, ps, r/h. Ext. 7183, 928-0208.

67 CHEVELLE SS396 - 350 hp, bckts, posi, heavy duty brakes & suspension. \$1850. EM3-9586.

60 BUICK STATION WAGON - \$150. Nancy, 281-8440.

USED VW CAR HEATER - Gas-fired "South wind." \$20. Ext. 665.

57 JAGUAR XK-150 - Cpe body & chassis only, nothing else intact. \$50. Frank, Ext. 2598.

66 VW - White, r/h, good cond, 27,000 orig mi, good buy. Asking \$1150. B. Schubert, Ext. 7517, JU4-8492.

67 VW - Square back station wagon, blue, 7000 mi, car sitting idle for 2 yrs. B. Schubert, Ext. 7517, JU4-8492.

PHILCO "FIT ALL" RADIO - 6 volt, may need a tube? \$5. JU5-8322.

BUMPER JACK - Tripod, heavy duty. \$5 or scissor jack in trade. Vinnie, Ext. 481.

63 JEEP WAGONEER - Ps, 4/w drive, std trans. Cliff, GR5-4903.

63 JEEP WAGONEER - Auto trans, ps/pb, 4/w drive, Warn hubs, 5 brand new snow tires. \$1400. Vic, 289-8928.

66 MERCURY COMET - 2 dr, auto trans, white/red int, very good running & body cond. Reasonable. Inal, Ext. 2851.

63 VW SQUAREBACK - Excel cond, owner leaving country. Nkani, Ext. 7227, 2805 after 6.

62 CHEVROLET SS CONV - R/h, w/w, ps/pb, auto trans, V8, good cond. \$500 or trade for VW. J. Fetten, Ext. 588.

CAMPBELL TIRE CHAINS - Lug reinforced, will fit 6.00 x16, 6.70x15, 7.50x14, used once. \$6. N. Azzarito, Ext. 586, SE2-6114.

TIRES - 4-8.50x14, 1-6.50x13, good for spares or recaps. \$1 ea. Ext. 7407.

58 CHEVROLET - V8, 4 dr hdt, 4 tires 7.50x14 on car, motor good, trans needs work. \$45. J. Madden, Ext. 2564.

60 CHEVROLET - Manual shift, good body, good running cond. \$100 cash. Kazdin, Ext. 7575.

2 BEACH TIRES - Good cond, on expander & reversed rims that fit Ford or Chrysler product hole pattern. Asking \$50/pr. Luccioni, Ext. 2950, 732-3762.

58 FORD - 4 dr, V8, auto trans, 2 snows, very good running cond, starts easily. \$125. R. Doerr, Ext. 2802.

63 BUICK SKYLARK - V8, auto trans, vinyl top, bckt seats, ps/pb, pwr windows. \$575. J. Hanson, Ext. 476, 289-4734.

### Boats & Marine Supplies

12' ROWBOAT - Plywood, semi-V bottom, Ralph, Ext. 2814.

21' BAY CITY EXPRESS CABIN CRUISER - 95 hp in-board, f.w cooled, used 3 yrs, must sell. \$2100. Petruk, Ext. 2142, AT6-0124.

26' CHRIS CRAFT 1939 - 125 hp Chrysler Crown, sleeps 4, equipped, good cond. Asking \$1200. Jim, 475-1097.

28' WHEELER CABIN CRUISER - W/davits, dinghs & other extras, sleeps 4, good cond, must sell. \$1200. Don, 472-1243 after 6.

14' LONE STAR FIBERGLASS RUNABOUT - Capri model, trailered & garaged, like new. 281-7620 after 6.

SIGNET 20 - Twin keel cruising sloop, sleeps 4, fully equipped, all extras. \$4000. Dave, Ext. 464.

### Miscellaneous

POOL TABLE & PING PONG COMBO - \$100. Nancy, 281-8440.

FISH TANK - 10 gal, pump, reflector, heater, filter, plants, etc. \$10. Vinnie, Ext. 481.

LAWN SPREADER - 18" AMC, good cond. \$8. Vinnie, Ext. 481.

OPERATION CHAIRLIFT - On a clear day you can see forever, single or group, free pilotage, will share plane rental tab. Arnold, Ext. 7667.

OAK FIREWOOD - Seasoned, guaranteed to burn, long or sm logs, delivered or pick up. Reasonable. 732-9517.

30 CAL. MARLIN LEVER ACTION RIFLE - S. Kochis, Ext. 2411.

23" EMERSON SLIMLINE CONSOLE TV - \$25; Craig 4 track stereo car tape player, plus 9 tapes, \$65. S. Densieski, 727-4925.

21" COLOR TV - 8 yrs old, excel working cond, lg mahog cabinet. \$100. SE2-5698 after 5:30.

BOW & 10 ARROWS - Quiver, Groves Spitfire, target delux, 30 lbs at 30", dyna-stressed. Orig cost \$135, sell for \$60 firm. Ext. 2267.

ABC MOBILE HOME - 10'x55', good cond, must sell. Sacrifice, \$2800. 878-2224 after 6.

2 BOX SPRINGS - Twin size, very good cond, clean. \$15 ea or both/\$25. K. Gray, 281-3361.

FREE - Classical 78 rpm records, albums & singles. M. Greene, Ext. 7779.

SKIS - Rossignol, Hickory, 190 cm, w/marker toe, good cond. \$20. E. Norton, Ext. 492.

REVERSIBLE BED - Danish modern couch & 2 blk matching chairs, new foam & upholstery. \$95. Chris, Ext. 7525, 744-6890 after 5.

3 UNIVERSITY SOUND PA SPEAKERS - Mustang M8's, 30 watts, 8-16 ohms, \$100; Mountain Dulcimer, \$100. Bob, 475-5349.

GE ELEC CAN OPENER - \$3; Hoover elec broom vacuum, \$5; hand lawnmower, \$3; portable hair dryer, \$4. Neal, Ext. 2543, 473-7667.

8' ELDORADO CAMPER 1965 - Sink, stove, sleeps 4, will fit on 1/2 ton truck. \$950. HR2-1833.

CONVECTORS - Hot water, 5 different sizes. Will sell separately or all for \$60. Frank, Ext. 2598.

HI FI - All class, Scott Stereo, McIntosh, Rekolut Sure, in console cabinet. \$300. Ext. 7395, AT6-0025.

BOYS' ICE SKATES - Child's sizes 10&11, used 1 season, outgrown, from Princeton shops. Orig cost \$29/pr, sell \$10/pr. F. Paffraith, Ext. 2287.

GE "PRESS TYPE" IRON MACHINE - Made for laundry rm, used a few times. Cost \$299, sell \$75. JU5-8322.

BABY CARRIAGE - Biltrite, collapsible frame w/body removable for use as car bed, very good cond. Best offer over \$20. T. Carides, Ext. 7465, AN5-6766.

MINIATURE POODLES - Blk, 3 females, 2 males, AKC, 5 wks old, 1st shot given. Ginny, Ext. 2180, 732-5408 after 6.

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

PONY - 12.2 h, 4 yrs old bay gelding, jump/hunt schooled, 100% sound, always in ribbons & championships, owner outgrown, sacrifice. Asking \$500. Ext. 2149, JU4-7050 after 6.

FIREPLACE LOGS - Seasoned oak only, 18" long. 12/\$1, also some 25/\$1. YA4-3236.

ADMIRAL 19" TV - 1 yr old. New \$120, will sell for \$75. G. Bengtsson, Ext. 7574.

UNITED REFRIG/FREEZER - Very good cond, 9 yrs old. \$75. K. Boggi, Ext. 7503, 585-5756 after 6.

WALKING TRACTOR - W/newly rebuilt eng, mower, dozer blade & cordwood saw accessories, all good. \$100. D. Huszagh, Ext. 2236, HR2-1243 after 6.

SIGNAL GENERATOR - RF & AF, Knight kit, nearly new. \$15. M. Greene, Ext. 7779.

TABLES - Maple coffee table, \$5; maple 8-sided drop-leaf table, excel cond, about 100 yrs old, \$15. M. Greene, Ext. 7779.

CAMERA & LIGHT METER - Argus C4, excel cond, \$15; Weston meter, \$5. M. Greene, Ext. 7779.

POODLE - Male, apricot color, toy size, home raised, excel pedigree, born Jan 6, ready to go for Valentine's Day. \$100. Eleanor, Ext. 2192.

KWIK KNIT KNITTING MACHINE - 160 stitches, compl w/manuals & accessories. \$35. Ext. 2395, 475-4081.

BOY'S HOCKEY SKATES - Almost new, size 8-9. Elliott, EM3-6596 eves.

DRAPES - Rayon brocade, 90", 2 pr beige, used 1 yr. Orig \$65, sell for \$30. Rutherford, 281-6784.

GE ELEC DRYER - White porcelain finish. \$25. Ext. 7407.

HW HEATER - 40 gal, glass lined, gas fired, good cond. Wheeler, Ext. 2989, 473-7657.

GERMAN SHEPHERD - Pure white, 2 yr old male, AKC, very lg, excel health & temperament, w/dog house. \$50. 475-3160 days, 289-3775 eves.

MEN'S HOCKEY SKATES - Size 7, excel cond. \$4. D. Christman, Ext. 7731.

ELEC GUITAR & AMPLIFIER-SPEAKER - Sterling, 2 pickup tremolobar, strap, case, amplifier, reverb & tremolo, all in new cond. \$65. Ext. 2959, AT6-0295.

WONDERFUL BUY - Kneisel Diplomats, 195 cm, Nevada bindings. Elliott, EM3-6596 eves.

ACCORDION - Ferrari, 120, beautiful cond, must be seen to appreciate. \$125. George, Ext. 7586.

VOIGTLANDER CAMERA - 35mm, focar lenses, filters, lens hood, Kontur & Turnit viewfinders, flash unit, like new. Cost \$250, asking \$100. Lydia, Ext. 2928.

MEN'S FIGURE SKATES - Size 9. \$5. Ron, Ext. 7218.

ST. BERNARD PUPPIES - AKC reg, 5 males, 2 females, whelped 1/28/69, taking reservations. Ext. 418, 732-3443.

ICE SKATES - Boy's size 3 1/2, perfect cond. \$5. E.W. Anderson, Ext. 2835.

YARDMAN SNOW THROWER - Self propelled, 2 stage, never used, 5 1/2 hp, full clutch. Ext. 423.

WALNUT BEDRM SET - 7 pcs, dble bed, spring, mattress, dresser w/mirror, vanity w/mirror, vanity bench, 1 night table. \$50. Jim, Ext. 567.

21" RCA COLOR TV - Old but in working cond. \$50. Bob, Ext. 2450, 289-0357.

WALNUT BREAKFRONT CHINA CABINET - Very good cond, \$15; drum table, \$5; Westinghouse elec cooker & fryer, \$5; Davillbus vaporizer, \$5. Jim, Ext. 567.

2-8 LB CANS OF MICROMET - Ext. 7259.

### Houses

SHOREHAM - 1 1/2 yr old, 7 rm ranch, 3 bedrms, din rm, fam rm, 2 baths, full basement, 1/2 acre. \$26,000. 744-3764.

BELLPORT - Maple Ave, 3 bedrm ranch, lg liv rm, eat-in kitchen, full basement, oversized garage, deep beautifully treed lot. Asking \$16,900. Ext. 572.

BELLPORT VILLAGE - 2 yr old spacious colonial near everything, 4 bedrms, 2 1/2 baths, fam rm, din rm, dble garage, basement, deck, wooded, 0.8 acre. \$31,800. AT6-8724.

CENTER MORICHES - Waterfront, lg house, garage apt, more than 1 acre, 147' on Senix Creek, dock for lg boat. \$28,000. L. Redmond, Ext. 7171, 878-0968 after 5.

**For Rent**

FURN RM - Mastic. \$65/mo, util incl. Ext. 2441, 2442.

3 BEDRM HOUSE - Southaven, comfortable, unfurn, garage. Ext. 7784.

**Wanted**

BROWNIE UNIFORM - Size 6 or 6x, good cond, reasonable. K. Gray, Ext. 406, 281-3361.

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

HOME - For 6 mo old puppy, dk brown & white, will be med size, good watch dog & friendly w/children, free. Ext. 2902.

LAND - 1 acre or more, Yaphank, Middle Island, Medford areas preferred. Gail, Ext. 7637, 475-2151 after 5.

HOME - For friendly, gentle, affectionate dog, Collie & Shepherd, approx 10 mos old, housebroken, wonderful pet, good w/children, female. Ext. 2210.

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

PARTY - Who ordered tickets for "Crucible" for Sat nite Jan 25. P. Towey, Ext. 602.

HOUSE TO RENT - Location Patchogue to Deer Park, 2 or 3 bedrms. V. Abbruscato, Ext. 481.

HOME - For 3 yr old standard male Dachshund, papers. Ext. 2515.

RT REAR FENDER FOR '65 VW - Also radio. Hooper, Ext. 7464.

ICE SKATES - Boy's size 5, good cond. E.W. Anderson, Ext. 2835.

TO RENT - 2 bedrm house or apt, 20 min radius from Lab, Aug occupancy, furn preferred. Ext. 2204.

**Carpools**

PAYING RIDER - Needs ride from Smithtown. Helen, Ext. 431.

PAYING RIDER - Wants ride to & from Chapel Ave, Brookhaven. R.L. Fuka, Ext. 2229.

**Lost & Found**

FOUND - In bldg T-117, young tabby cat w/flea collar on, very tame & healthy, if not claimed can be adopted. Ext. 406.

### Classified Ad Policy

#### Deadline is 12 noon Friday for publication the following Thursday.

1. The Brookhaven Bulletin classified section may be used only by active and retired Laboratory employees.

2. All items for sale or rent must be the advertiser's property.

3. 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.

4. Ads for material acquired for resale in association with a full or part-time business cannot be accepted.

5. Ads should be restricted to 20 words or less and typed

or printed on the form provided, and must bear the employee's 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.

For Sale: Auto & Auto Supplies       For Sale: Houses       Carpools  
 For Sale: Boats & Marine Supplies       For Rent       Check  the heading applying to your ad.  
 For Sale: Miscellaneous       Wanted       Print or type your ad in 20 words or less.

(Name & Phone No. To Call)

If this ad concerns housing for sale or rent, such housing is available without regard to race, creed, color, or national origin.

Employee's Signature ..... Life No. .... Ext. ....

Send to: Brookhaven Bulletin, 40 Brookhaven Avenue