

# the Bulletin Board

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MARCH 17, 1965

## DR. DAHL ELECTED CHAIRMAN OF BNL COUNCIL



The BNL Council, at its Annual Meeting on March 8, 1965, elected Dr. Lewis K. Dahl of the Medical Department to serve as its Chairman until March 1966. Dr. Dahl has been at the Laboratory since July 1, 1952 and has served as Head, Division of the Hospital and as Chief of the Medical Research Service of the Brookhaven Medical Research Center.

The BNL Council was created in 1962 by Dr. Maurice Goldhaber, Director of the Laboratory. It is made up of fifteen members chosen from the Tenure staff of the Laboratory. Its functions include advising the Director on appointments to the Tenure staff and on Laboratory policies and procedures. The Council meets on the second Monday of each month. Inquiries or questions to the Council may be addressed to any member.

Present Council members (with terms expiring as shown) are:

### 1966

E.D. Courant (Physics)  
L.K. Dahl (Medical)  
J.M. Hendrie (Nuclear Engineering)  
V.L. Sailor (Physics)  
R.E. Weston (Chemistry)

### 1967

D. Alburger (Physics)  
J. Bigeleisen (Chemistry)  
O.E. Dwyer (Nuclear Engineering)  
M. Plotkin (Accelerator)  
A.H. Sparrow (Biology)  
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## DR. G.K. GREEN TO RECEIVE UNIVERSITY OF ILLINOIS AWARD

Dr. G.K. Green, Chairman of the Accelerator Department, has been selected to receive one of the first Alumni Honor Awards for Distinguished Service in Engineering from the College of Engineering at the University of Illinois.

The Award was established in December of 1964 and the criterion for selecting its recipients is a noteworthy record in one or more of the following:

1. Outstanding leadership in the planning and direction of engineering work;
2. An exceptional record in fostering the professional development of young engineers;
3. Outstanding achievements in contributing to knowledge in the field of engineering.

Dr. Green will be presented with a special medal at the Engineering Honors Convocation to be held at the University on May 4.

## TANDEM VAN DE GRAAFFS FOR BNL!

The Brookhaven Office of the U.S. A.E.C. announced last week the signing of a \$5,477,000 contract with the High Voltage Engineering Corporation for the construction of two Model MP Tandem Van de Graaff particle accelerators. They will be part of a new facility to be constructed at the Laboratory to be used for low-energy nuclear structure research. Congress has appropriated a total of 12 million dollars for this facility. The fundamental structure and properties of matter will be investigated by studying the nuclear reactions resulting from the bombardment of various target elements by accelerated particles. In addition, these accelerated particles can be used for the production of radioactive isotopes or for studies on biological systems.

The two accelerators will be arranged to allow each of them to be operated independently as two-stage tandem machines accelerating singly-charged particles, such as protons (hydrogen nuclei), to an energy of up to 20 MeV. After the machines have been installed and tested, Brookhaven scientists and engineers will make the necessary interconnections to allow the two machines to be operated in tandem.  
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## FORTY-FIFTH BROOKHAVEN LECTURE



by George M. Woodwell  
Biology Department

### Title:

"Radiation and the Patterns of Nature"

Lecture Hall - Wed., Mar. 24 - 8:00 P.M.

Ionizing radiation is one of many factors potentially affecting the distribution, abundance, and behavior of plants and animals. It is of particular interest because of its very fundamental and far-reaching effects on living systems. Since 1961 Dr. Woodwell and his associates have been studying the effects of ionizing radiation on plant and animal populations under natural conditions. Their studies have involved, among other experiments, the irradiation of a native oak-pine forest on the Brookhaven Laboratory site. Dr. Woodwell will discuss this work, showing how ionizing radiation affects natural communities and how radiation effects are related to ecologists' understanding of the natural patterns of structure and function of these communities.

A buffet supper (\$3.00) will be served at the Brookhaven Center before the lecture, beginning at 6:00 p.m. Reservations should be made at least one day in advance by calling Ext. 2302 before 5:00 p.m. or Ext. 2453 in the evening.

Refreshments will be available in the Research Staff Lobby following the lecture.

BERA CONCERT SERIES  
**THE RENAISSANCE QUARTET**



"An Evening of Renaissance Music" will take place on Thursday, March 25, at 8:30 p.m., in the Brookhaven Center. The program will include English part music, music for instruments from Germany and Spain, baletti of Claudio and Guilio Monteverdi, French songs for tenor and lute, Spanish lute solos, and music from Shakespeare's plays.

The performing group, the Renaissance Quartet, was formed one year ago. Each of the artists has appeared at various times with the New York Pro Musica. The artists are: Joseph Iadone, lutenist; Barbara Mueser, viola da gamba; Morris Newman, recorders; and Robert White, tenor.

Admission prices are: Adults, \$3.00; Children (under 18 years old), \$1.50; and Non-employee Guests, \$3.50.

**VAN DE GRAAFF (continued)**

chines to be operated in series as a three-stage accelerator providing singly-charged particles at energies up to 30 MeV. Multiply-charged ions of elements heavier than hydrogen can be accelerated to higher energies. With this arrangement it will thus be possible to perform a wider variety of experiments in nuclear structure studies at energies ranging from about 4 MeV to 30 MeV for singly-charged particles.

**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.

BERA FILM SERIES  
**THE GIVEN WORD**

**Thurs., Mar. 25 - Lecture Hall - 8:30 p.m.**

"The Given Word," adapted by director Anselmo Duarte, is a symbolic study of human motivation which traces the fate of one totally unselfish man in a world that refused to care. This universal theme, two thousand years old, has been brought to life in the Brazil of today where diverse cultures intermingle and Christian and pagan religions exist side by side.

A poor farmer carries a heavy crucifix thirty miles to place it at the cathedral altar in fulfillment of his promise given for the "miraculous" saving of the life of his donkey. He is refused entry to the church since his promise was given at a Macumbe ceremony. The farmer, uncomprehending, is determined to keep his given word despite pressure from the church hierarchy and various social groups, representing every selfish interest that troubles mankind. What follows leads to the inevitable crashing climax.

This film won the Best Film Award at the San Francisco Film Festival and the Golden Palm Award at the Cannes International Film Festival.

"'The Given Word' is superb cinema, almost a combination of Bunuel, Bergman, and Torre Nilsson, but with its own genius. The story has universal social, political, and religious meanings. . . This is a daring film of big ideas, powerful, daring, and eminently worth seeing. The musical score is outstanding and the photography and editing are extraordinary."

—Walter J. Carroll, The Cinema

"'The Given Word' goes far beyond its story in the dazzling and impressive sight and sound it offers . . . a tantalizing mixture of simplicity and sophistication in its consideration of a universal theme in exotic setting but oddly familiar topical terms . . . unsparing in capturing the venal gleam in the exploiter's eye, the pomposity of the establishment, the cynicism of a self-centered society."

—New York Herald Tribune

**POOL OPEN**

**Tuesdays thru Fridays  
 5:00 p.m. — 10:00 p.m.**

**PERSONNEL SERVICES**

**Recreation Office — 3 Center Street  
 Daily 9:00 a.m. — 1:00 p.m.**

**METS TICKETS**

Some choice dates are still open, so make your reservations now to avoid being disappointed.

**THE THREEPENNY OPERA**

"The Threepenny Opera" ("Die Dreigroschenoper"), written by Berthold Brecht with English adaptation by Marc Blitzstein and music by Kurt Weil, opens at the BNL Theater on Friday, April 30. Other performances will be presented on Saturday, May 1; Friday, May 7; and Saturday, May 8.

Theater Group members are burning the midnight oil at rehearsals to make this production one that will long be remembered. With final casting complete and rehearsals well into all acts, BNL's "Threepenny Opera" promises to be a highly successful presentation - the first musical ever to be produced here at the Laboratory.

Watch for more "3PO" news in forthcoming BULLETIN BOARD issues and make plans now to attend this special event.

**B.E.R.A. SPECIAL EVENT**

presenting

**PEARL BAILEY**

Saturday, April 3, 1965

8:30 p.m.

The Brookhaven Theater

*Arrivals and Departures***WELCOME TO BNL**

BIOLOGY	
Marijane A. Lehr	Ext. 2259
CENTRAL SHOPS	
John J. Jenny	577
Curtis J. Reed	566
CHEMISTRY	
Franz Plasil	626
FISCAL	
Ann Borak	2588
PHYSICS	
John A. Benjamin	2311
Frank R. Garafola	574
Gary B. Guardineer	2133
Richard W. Schopps	7627
John F. Scott	574
PLANT MAINTENANCE	
Daniel P. Mahalic	2120
PURCHASING	
Doris E. Quinn	2700

**RECENT DEPARTURES**

CENTRAL SHOPS	
Steven J. Pollis	
COSMOTRON	
Frederick L. Stelzer	

**SPECIAL DEMONSTRATION**

Zissen Technical Associates will give a demonstration of the single axis stage and interferometer using laser source on Friday, March 19. The demonstration will be held in Room 234 of the Physics Building, 20 Pennsylvania, between 1:30 and 3:00 p.m.

**BNL COUNCIL (cont'd.)**

1968

W.B. Fowler (Physics)  
W.W. Shreeve (Medical)  
R. Steele (Biology)  
J. Weneser (Physics)  
A.P. Wolf (Chemistry)

**PASTEBOARDS FOR PEARL BAILEY PERFORMANCE PROVE POPULAR**

The sale of tickets for the BERA Special Event, featuring Pearl Bailey, at the BNL Theater on Saturday evening, April 3, has been brisk, exceeding the expectations of the BERA Board.

Extrapolation of sales figures indicate that there will be no leftovers for sale to guests after the announced March 26 deadline. Our man at the box office wants to see the Big Show, too, and he probably will.

**WILL YOU?**

Remaining tickets will be on sale at the Recreation and Personnel Offices to employees and their families until March 26 or earlier if sold out. Of course, you **may** be able to buy them after that if you take the chance, but any tickets left on that date will be made available to guests of employees. We're not taking any chances ourselves. We've got ours.

**HAVE YOU?**

Your BERA Board is concerned that everyone gets the word about this Special Event--that every employee who wants to see PEARL BAILEY has an opportunity to buy tickets. The statistics of Frobisher-Laroche tell us that in any group of 100 people, there will be 17.6 individuals who won't get the word in spite of modern communication media. **You** have just got the word. If you miss out now, you have no excuse!

**SLO-BREAK BASKETBALL**

Nuclear Engineering scored a major upset last Wednesday evening, defeating the Applied Math club 25-23. Prach, Champagne, and Sears collected six points each for the victors, while Dennen and Lewkowitz had nine and seven points for Applied Math.

On Thursday evening in a battle of the giants, the Old Timers held off a Dirty Sox rally to win 34-29. Walt Reams had 8 for the Old Timers as Herm Haller lead all scorers with 17 points. The Old Timers appear ready to duplicate last season when they won the playoff and championship after a slow first half.

In the other game, Jack Van't Hof came off the bench in the second half to rally a tired Biology squad, but the rally fell short as Physics won 39-31. Steve Garrett pumped in two quick baskets to help out John Capute who scored 19 points. Nick Combatti (14) and Bill Studier (11) helped Biology keep close.

STANDINGS	WON	LOST
Old Timers	4	0
Physics	4	0
Dirty Sox	3	2
Biology	1	3
Nuclear Engineering	1	4
Applied Math	1	5

**BNL CAFETERIA MENU  
WEEK OF MARCH 22****MONDAY**

Fresh Vegetable Soup.....	.15
Braised Beef Shortribs Garni.....	.65
Macaroni and Cheese.....	.60
Sauteed Steer Liver, Onions.....	.65
Hot Roast Beef Sandwich, Fr. Fr. ....	.75
Whipped Potatoes.....	.10
Red Cabbage.....	.10
Parsley Buttered Carrots.....	.10
Green Beans Amandine.....	.10
Fruit Salad - Cheese Wedges.....	.60
Egg Salad Stuffed Tomato.....	.75

**TUESDAY**

Continental Bean Soup.....	.15
Fried Chicken, Cranberry Sauce.....	.65
Beef Stroganoff - Steamed Rice.....	.70
Cheese Omelette.....	.50
Chipped Steak on Hard Roll, Fr. Fr. ....	.75
Whipped Potatoes.....	.10
Italian Green Beans.....	.10
Steamed Rice.....	.10
Cottage Cheese, Apricot.....	.60
Corned Beef - Swiss Cheese - Cole Slaw	.75

**WEDNESDAY**

French Onion Soup.....	.15
London Broil - Mushroom Gravy.....	.65
Chicken Tetrazzini.....	.65
Tunafish & Noodles.....	.60
Fried Fish Sandwich on Bun, Fr. Fr. ....	.75
Whipped Potatoes.....	.10
Buttered Peas.....	.10

Buttered Wax Beans.....	.10
Cottage Cheese - Pear - Bing Cherry.....	.60
Shrimp Salad Platter.....	.75

**THURSDAY**

Chicken Mulligatawny Soup.....	.15
Roast Leg of Veal - Cumberland Sauce..	.65
Beef Croquettes - Beef Gravy.....	.60
Egg Plant Parmigiana.....	.60
Hot Pastrami Sandwich, Fr. Fr. ....	.75
Whipped Potatoes.....	.10
Buttered Mixed Vegetables .....	.10
Mashed Squash.....	.10
Chicken Salad Platter.....	.75
Ham Roll-Up Platter.....	.60

**FRIDAY**

Manhattan Clam Chowder.....	.15
Fishermans Platter.....	.75
Veal Goulash - Buttered Noodles.....	.70
Salisbury Steak - Brown Gravy.....	.65
Salmon Creamed, Peas on Toast.....	.65
Shrimpburger on Bun, Fr. Fr. ....	.75
Whipped Potatoes.....	.10
Buttered Spinach - Lemon Slice.....	.10
Buttered Whole Kernel Corn.....	.10
Buttered Noodles.....	.10
Fresh Fruit Platter.....	.60
Trio Salad Platter.....	.75

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The manager reserves the right to change the menu without prior notice.

**DO YOU HAVE  
PRE-SCHOOL AGE CHILDREN?**

Three staff wives wish to know how much interest exists in the starting of a private on-site nursery school for the children of Laboratory employees living on or off the site. Sessions could be held two or three mornings a week from 9:00 a.m. to 12 noon.

For additional information, come to a meeting at the Recreation Building on Monday, March 22 at 8:00 p.m., or telephone any of the following numbers: Lab. Exts. 510 and 519, SHoreham 4-5448.

**CLASSIFIED ADS****FOR SALE**

HOUSE - In Brookhaven. 10 yrs. old. 8 rooms, 2 full baths, utility room, full basement, attached 2-car garage, screened porch, approx. 165'x125'. Taxes, \$500. Asking \$18,900. Ext. 2748 or AT 6-1307.

CLASSICAL SPANISH GUITAR - Wide finger board, sturdy construction, made in South America. Must be heard. With case only \$60. A. Hull, Ext. 595 or SH 4-5969.

PAINT - 7 gals. shingle & shake, charcoal grey. Regularly \$4.16, now \$3.00 per. B. Kohler, Ext. 2102.

ELECTRIC GUITAR - New, excel. cond. AT 6-8718.

SEWING MACHINES - Two, used, in cabinets, N. Kelly, Ext. 2105.

TAPE RECORDER - Webcor Model 2302. \$60. B. Walton, Ext. 2181.

AIR COMPRESSOR - 1 hp motor, piston type pump, horizontal tank, about 40 ft. 3/8" galvanized pipe line, pressure regulator, pressure gauge, 4 quick-type hose disconnects, duster gun, and about 20' air hose. All for \$72. C. Porter, Ext. 618.

BEDROOM FURNITURE - Early American. Ext. 533 after 5.

HIP BOOTS - Size 10, good cond., \$5. R. Burton, Ext. 2852.

MISCELLANEOUS - Speed graphic camera, 3 1/4 x 4 1/4, \$60. Dejure enlarger, 4x5, \$50. Heathkit sweep generator, new, \$45. Lafayette KT320 receiver, all band 540-30mc, \$50. Heathkit oscilloscope 5" new, \$60. D. Bowman, Ext. 7773 or 281-5226 after 7.

WELL PUMP - Peerless 1/3 hp jet pump for 110 or 220 volt operation, adjustable pressure switch, gauge, bronze impeller. Asking \$30. B. Monaghan, Ext. 2852.

MODEL RADIO CONTROL EQUIPMENT - 6 Kraft transistor servo amplifiers with switcher plates, \$5 each. 2 O.S. .49 R.C. radio-control glow engines, 1 new, 1 run just once, \$20 for both. Radio-control glider, Thermic "100", \$7.50. P. Buhl, Ext. 354.

TRANSMITTER & RECEIVER - C.B. Dewald TR910 5-channel transmitter 23 channel tunable receiver, 110 and 12 or 6 volts. 878-0373.

BABY THINGS - Trimble bath table, car bed, play pen, Casco high chair, baby jumper, infant seat, 7 year crib & mattress, all items in excel. cond. Also tricycle in fair cond. J. Van't Hof, AT 6-8278.

MISCELLANEOUS - 19" RCA TV in colonial maple cabinet on legs. Excel. cond. Also studio couch, \$25. Reclining chair (man's), \$20. Dining room table & 6 upholstered chairs in green, \$45. All in very good cond. Also wood carving set, new, never used. \$35. GR 5-4729 or EM 3-6285 after 6.

WASHER - 1952 Westinghouse Laundromat washer. FREE. New transmission & water pump. Runs, but needs a mechanic to keep it that way. L. Dahl, Ext. 2861 or AT 6-0379.

CAMERA - Leica 111C camera with speeds one to 1/1000 seconds incl. "bulb" and "time." Summar 50 mm, F:2 lens, flash, 2 cases, exposure meter with super-sensitive element, Imarect finder and 400 page Leica manual. Terrific buy at \$95. AT 6-9659.

SKATES - Boy's hockey size 6, like new. \$4. Ext. 2260 or 2285.

BIKE - Boy's Rollfast, 26", 2 years old, needs brake repair, otherwise in excel. cond. \$10. Ext. 7646 or HR 3-1740 after 6.

**FOR RENT**

APARTMENT - 4 rooms, completely furnished, all utilities included, 1 year lease preferred. 878-0214.

FOUR ROOMS - Furnished or unfurnished. SH 4-9724.

**WANTED**

ACTORS OR ACTRESSES - Six aspiring actors or actresses to complete "The Threepenny Opera" cast. These are small walk-on, sit-on, drag-on parts, but a challenge. T. Nappi, Ext. 2374.