

the Bulletin Board

VOLUME 18, NUMBER 47

Published by the BNL Public Information Office

September 29, 1965

BNL SHORT SUBJECTS

Camera Club Meets Thursday

The Camera Club will meet Thursday evening, September 30, at 8:30 p.m. at the Recreation Hall in the Apartment Area. Bring ideas for scheduling future meetings and activities. An election of officers will be held.

Camping Club to Hold First Meeting

The Camping Club will hold its first meeting on October 5 at 5 p.m. in the Recreation Hall. The purpose of the initial meeting is to elect officers and outline plans. Refreshments will be available.

Ski Club Wants Members

Skiers interested in forming a club call David Schlesinger, Ext. 2881 or after 7 at Ext. 2281.

Toiletries Sale to Aid Salvation Army

On Thursday and Friday of this week, BNL employees may buy a special package of assorted toiletries for the bargain price of \$3. If purchased individually, the items would total over \$15. The sale will be held at the Exhibit Hall, Brookhaven Avenue, between 10:00 a.m. and 4:00 p.m. All proceeds from employees' purchases (considered tax deductible) will go to the Salvation Army, which assembled the packages from products donated by manufacturers.



CIAO — Jim Edrys and Lesley Hindermann of the Information Division plan a Bulletin Board layout. This team is the new staff of the Bulletin Board.

BULLETIN BOARD CHANGES HANDS, MOVES TO INFORMATION DIVISION



CIAO — Evonne Hammond (left) and Janet Whitehead peruse one of the 150 copies of the Bulletin Board put out by the Personnel Division during the last three years. The two girls can go back to being personnel specialists now that the publication has been moved to the Information Division. They edited the Bulletin Board in addition to their regular duties.

With this issue, the BULLETIN BOARD officially transfers from the Personnel Division to the Public Information Office, ending an association that goes back to May of 1959 when the Personnel Division took over a mimeographed sheet put out by the Recreation Office. That BULLETIN BOARD, under the direction of Dick Vogt and George Sabine, was mainly concerned with sports and recreational activities.

Under the aegis of the Personnel Office, the size of the BULLETIN BOARD was expanded to its present four pages and the reproduction process was changed from mimeo to photo offset. About that time, there was a shift in emphasis away from the strictly recreational, and a wider view of BNL's activities was reported. Guided by George Jackson, now Administrative Assistant, Medical Department, the BULLETIN BOARD reported not only the news of events and achievements of BNL, but also of sister laboratories.

For the past two years the BULLETIN BOARD has been edited by Janet Whitehead, assisted by Evonne Hammond, both of the Personnel Department, who

turned out the weekly in addition to their regular duties in the department.

In the Information Division, Robert Masterson, Assistant Information Officer, will have overall responsibility for the BULLETIN BOARD. Commenting on the change, Masterson said: "Since the Information Division is the focal point for all the Lab's publicity and public relations activities, moving the BULLETIN BOARD here will put it more in the mainstream of communications activities.

"With regards to the future of the BULLETIN BOARD," Masterson continued, "we have ideas for expansion both in space and coverage that are still in the planning stage, but we are trying to broaden the news coverage of the day-to-day activities of BNL. We hope that members of the scientific and support staffs will help us by making a strong effort to keep the Information Division posted on newsworthy events."

Direct responsibility for the BULLETIN BOARD is in the hands of Jim Edrys, of the Public Information Office. Edrys is a professional writer and journalist with a background in editing and writing for

(Cont'd. on page 3)

SCIENTISTS CAN'T GO BROKE IN MOSCOW

Registered nurses and newspapermen have an unusual aspect to their professions — if they run out of money in a strange town they can always grab a quick couple of bucks doing a per diem at the local hospital, or sitting in as a copy reader on the nearest newspaper. To this group we can now add the American scientist traveling in Moscow. If he runs out of money he can pick up 50 rubles (about \$55) as a freelance writer for **Izvestia**, Moscow's four-million-plus-circulation, afternoon newspaper.

In this land where Walter Winchell is a dirty expression, Mr. Meyer Steinberg of the Nuclear Engineering Department holds the distinction of being an American, by-lined writer in **Izvestia** — a select group, one might say. His article was a popularized version of a lecture on the use of nuclear energy in the synthesis and production of industrial chemicals that he delivered to a session of the recent Congress of the International Union of Pure and Applied Chemistry.

As Mr. Steinberg tells it: "I was stopped in the lobby and asked to record a brief interview for Radio Moscow. They asked me what I thought of the way the conference was run and what I thought of Russian Science in general. I was complimentary, and later, a science writer for **Izvestia** asked if I would write a popularized version of my paper because the subject was 'of great interest to the public.' He told

ЛУЧИ СОЗИДАНИЯ

Профессор Мейер СТЕЙНБЕРГ (США)



О НЕДАВНИХ пор основными источниками электрической и тепловой энергии были горючие ископаемые и гидроэнергетические ресурсы. И только сравнительно недавно стали реальными перспективы использования мощных источников ядерной энергии. Их появление в то же время дало толчок к глубокому исследованию особых химических процессов.

Такие превращения, в ходе которых за счет затрат значительной доли энергии в ядерном реакторе получают радиоактивные изотопы, называют «хемосинтезом».

акторов — ТВЭЛов — для синтеза и производства промышленных продуктов. Здесь мы должны рассмотреть как стоимость производства продуктов, так и их качество или пригодность для продажи. Установлено, что себестоимость превращения химического сырья в промышленную продукцию с помощью радиации зависит от состояния теории вопроса, от совершенства конструкции реактора, от свойств производимого продукта и даже, наконец, от запроса рынка.

Промышленные химикаты обычно производятся со скоростью порядка десятков—сотен тонн в день. Поэтому для малопродуктивных реакций можно считать экономически приемлемыми химические ядерные реакторы с мощностями в пределах от десятков до тысяч мегаватт. Изотопные источники энергии и ускорители представляют ценность только для цепных реакций с высоким выходом продукта. Однако в последнее время зрелищно и вообще голубоко ядерное излучение

THE TITLE OF THIS ARTICLE from **Izvestia** is "Creative Rays;" **the byline reads "Professor Meyer Steinberg, USA."** **Mr. Steinberg is one of the few Americans with a byline in Izvestia.**

me that I would be paid 50 rubles for the assignment. I checked among my colleagues and found that this writer was pretty good about rewriting and not distorting the subject. Then I went to the Scientific Attache of the American Embassy and he gave me a go-ahead. I wrote about five pages in longhand and he rewrote it to about a **Popular Mechanics** level and printed it."

Mr. Steinberg's pay included a one ruble coin minted to commemorate the

20th anniversary of the ending of World War II. Russia's answer to the Kennedy Half-Dollar, he said. Mr. Steinberg was also advised that American Scientists would be welcome as paid contributors to **Izvestia's** columns and that interested parties should contact Mikhail Rostarchuk, **Izvestia**, 5 Pushkin Square, Moscow.

As for Mr. Steinberg's writer's fee "Most of it went for vodka, caviar and the Bolshoi, the rest I spent foolishly."



The Author stands before a statue of his "publisher" Karl Marx

USNR RESEARCH COMPANY SETS DRILL SCHEDULE

The card below lists the drill schedule for the coming quarter. It is designed to be clipped out and carried in a wallet. BNL and other Naval Reserve Officers are invited to attend the lectures. For further information contact Len Baker, Ext. 591.

USNR RESEARCH CO. 3-9
BROOKHAVEN NATIONAL LABORATORY
 UPTON, N. Y. YA 4-6262 EXT 591

DRILL SCHEDULE

FOR QUARTER ENDING 31 DECEMBER 1965

13	NUCLEAR ENGINEERING	JOHN
OCT	HEAT TRANSFER PROGRAMS	CHEN
20	NUCLEAR RESEARCH CENTER	CAPT
OCT	ISTANBUL, TURKEY	AUSTIN
10	1. LEADERSHIP LECTURE	LT HEIM
NOV	2. TO BE ANNOUNCED
17	1. ONR LECTURE	LCDR MOONEY
NOV	2. TO BE ANNOUNCED
1	BIOLOGICAL EFFECTS OF	LCDR
DEC	HIGH-ENERGY RADIATION	ARCHAMBEAU

UNIFORM DRILL

8	BIOLOGY RESEARCH	JAMES
DEC	PROGRAMS	STANGBY

(SOCIAL HOUR PRECEDES THIS DRILL)

DRILLS COMMENCE AT 1930 AT
 THE BROOKHAVEN CENTER

MAKEUP DRILL AT 1715 ON 29 DECEMBER

BERA CONCERT SERIES 1965-66

This year there will be a total of seven concerts in the series, an increase of two over past years, at no increase in season ticket admissions. Season tickets will be available in early October from ticket sellers in each department. The concerts will take place at the

Brookhaven Center at 8:30 p.m.
Season tickets: Adults, \$10.00; Children (under eighteen years old), \$5.00.
Single admissions: Adults, \$3.00; Children, \$1.50; Non-employee guests, \$3.50.

October 20 – Lilian Kallir, piano	
Sonata in C major.....	Haydn
Eroica Variations.....	Beethoven
6 Preludes.....	Chopin
Sonata No. 3 in B minor, Op. 58.....	Chopin
November 10 – Rampal/Veyron-Lacroix, flute and piano	
Sonata in F minor.....	Telemann
Deux sonates de jeunesse.....	Mozart
Suite in C minor.....	Bach
Sonata (1958).....	Poulenc
Suite paysanne hongroise.....	Bartok
January 6 – Janos Starker, cello	
Suite for unaccompanied cello, No. 3.....	Bach
Suite for unaccompanied cello, No. 4.....	Bach
Sonata for unaccompanied cello, Op. 8.....	Kodaly
February 23 – The Koeckert Quartet	
Quartet in G major, K. 387.....	Mozart
Italian Serenade.....	Wolf
Quartettsatz in C minor, Opus posthumous.....	Schubert
Quartet No. 1 in E minor ("From My Life").....	Smetana
March 15 and 17 – Albert Fuller, harpsicord Rameau and Scarlatti	
April 19 – John Corigliano and Heida Hermanns, violin and piano	
Sonata in A major, K. 305.....	Mozart
Sonata No. 3 in D minor, Op. 108.....	Brahms
Sonata in G minor.....	Debussy
Sonata in D major, Op. 94.....	Prokofieff

MOVIE FEATURING DR. GOLDHABER TO BE SHOWN THURSDAY

On Thursday, September 30, at 2 p.m. a 30-minute movie on high energy physics research will be shown in the Lecture Hall. This film, "The Particle Jungle," is part of the Science and Engineering TV Journal series produced by National Educational Television and was shown on Channel 13 last April.

Dr. Maurice Goldhaber, Dr. Leon Lederman of Columbia University, and Dr. Abraham Pais of the Rockefeller Institute, explain the why's and how's of particle physics and the history of its development. This film, like many other recent films on high energy physics and science in general, contains considerable footage from the Brookhaven AGS film "Of Man and Matter."

BULLETIN BOARD (continued)
daily newspapers and magazines, and in advertising and public relations. Before coming to BNL, he was a Senior Editor for **Ski Magazine**. He will be assisted by Lesley Hindermann, a Farmingdale graduate with a background in radio.

In commenting on his new position, Edrys said, "It's going to be tough to live up to the high standards of my predecessors! When I think of what Janet Whitehead and Evonne Hammond did on a part-time basis, I'm really impressed. I hope I can do as well."

The new offices of the BULLETIN BOARD are in the Administration Building at 40 Brookhaven Avenue. The new telephone numbers are 7236 and 7238.

WATCH FOR CLASSIFIED AD SUPPLEMENT

CAFETERIA MENU

THURSDAY (Sept. 30) – SPECIAL EUROPEAN DAY

French Onion Soup	
Sauerbraten – Polish Potato Pancakes	
Swiss Style Green Beans	
Nordic Cucumber Salad	
French Bread & Butter – Beverages	
Dutch Apple Pie	
English Toffee, Swiss Cheese, Dutch Chocolate, Italian Cookies.	99¢

FRIDAY (Oct. 1)

Entrees	
Fried Filet of Haddock.....	\$.65
Shepherd's Pie.....	.65
Roast Beef Hash.....	.65
Macaroni & Cheese.....	.50
Hot Sandwich	
Grilled Cheese, Tomato, French Fries, Cole Slaw.....	.55
Special Sandwich	
Lobster Salad, Cole Slaw, St. Tomatoes.....	.65

MONDAY (Oct. 4)

Entrees	
Roast Pork & Dressing.....	.65
Meat Loaf (Tomato Sauce).....	.65
French Toast – Bacon Strips.....	.50
Hot Sandwich	
Pork Roll, Baked Beans, Glazed Peach..	.55
Special Sandwich	
Ham & Swiss Cheese on Rye, Cole Slaw & Spiced Apple.....	.65

TUESDAY (Oct. 5)

Entrees	
Grilled Chopped Sirloin (Au jus).....	.65
Baked Chicken, Dixie Style.....	.65
Little Links, Mashed Potatoes, Brown Gravy.....	.50
Hot Sandwich	
Spicy Hot Sausage on Bun, Potato Salad, Pickle.....	.45
Special Sandwich	
Roast Beef on a Roll, Potato Chips, Pickles.....	.65

WEDNESDAY (Oct. 6)

Entrees	
Pot Roast of Beef – Brown gravy.....	.65
Baked Pork Chops (Creole).....	.65
Lamb Curry over Rice.....	.65
Hot Special	
Scrambled Eggs, Baloney Cubes, Potato Salad.....	.50
Special Sandwich	
Corned Beef on Rye, Dill Pickle, Cole Slaw.....	.60

Cooking Exchange Pictures Available

Pictures of the Cooking Exchange Dinner Party held last June 30 are available from the Recreation Office. Cost is five cents per print.

21 RECEIVE TEN-YEAR BNL PINS

Listed below are the names of the employees who received their ten-year pins and certificates in August and September:

August

Badgett, Wm. A.	Plant. Maint.
Bindel, C.L.	Plant. Maint.
Goodzeit, C.B.	Director's Office
Harrigan, Edw.	Central Shop
Minati, K.F.	Mechanical Eng.
Schweitzer, D.G.	Nuclear Eng.
Thien, C.R.	Photo Arts

September

Booker, John	Central Shop
Borg, D.C.	Medical
Botts, Chs. E.	Plant Maint.
Cipolla, N., Jr.	Plant Maint.
Dioguardo, D.	Medical
Disparti, J.P.	Plant Maint.
Eberspacher, Wm. F.	Central Shops
Fogarty, G.E., Jr.	Plant Maint.
Fowler, Wm. B.	Physics
Hamilton, W.C.	Chemistry
Leipuner, L.	Cosmotron
Morris, T.W.	Physics
Sorenson, W.O.	Plant Maint.

BGA ENDS SEASON WITH FINAL TOURNEY

The BGA is planning the final golf tournament for the season. "The Fall Classic" will be a medal play tournament at 80% of posted handicap.

The first round must be played between October 3 and October 11 inclusive. (Scores submitted after October 12 will not count.) During this period all BGA golfers with established handicaps (see Golf Bulletin Board in Recreation Office) are asked to play a qualifying round of 18 holes with another tournament entrant at the Middle Island Country Club.

After the qualifying round scores are received by Jerry Weiss, Bldg. 830, the six lowest net scorers will be notified to play a semifinal round between October 17 and October 23 with any one of the other semi finalists or a BGA officer. At the end of the semifinal round the three golfers with the lowest net for 36 holes will be finalists.

The three finalists will play as a threesome on a mutually agreed upon day and the winner will be the finalist with the lowest 54 hole net score. There will be awards for first, second and third place, so all finalists will win something.

SHOTGUN - Winchester mod. 12 pump, 12 gauge, interchangeable upland and waterfowl barrels. \$85. Phillips, Ext. 661.

WINDOWS - D.H. windows, complete with comb. aluminum storms & screens. 1/1. (2) 2 ft 8 in. by 2 ft. 8 in., (1) 2 ft. 8 in. by 2 ft. 8 in. mull. \$40. R.P. Taylor, Ext. 2814 or AT 6-0615.

DRAPES - 10 pr. cafe drapes, 36" long, oriental design, used one season, like new, make offer. Ext. 2858.

FOUND

NOTEBOOK - Black, found in Chemistry Conference room.

ROSARY BEADS - Black, found in Purch. Parking lot.

Personnel Services - 3 Center Street**FOR RENT**

APARTMENT - Cozy furnished apt., big kitchen, private bath, house and furniture new and handsome. We supply linens, pots, dishes, use of washer and dryer, everything but your clothes. Stelmack, Ext. 7111 or 281-3558.

WANTED

MOTORCYCLE CRASH HELMET - New or used, reasonable. C. Pumo, Ext. 7692.

TRADE - Two Ford 16" wheels and tires for two 15" wheels and tires, same bolt circle. LT 9-1342.

MALE BOWLER - Substitute about 1/2, Tues. at Port Jeff. Mike, Ext. 2718 or 2830.

VACUUM CLEANER - Old canister or tank type vacuum cleaner. For use in cellar or garage to cost me about \$5. Paul, Ext. 7687.

ANYONE - Interested in forming a knitting club for machine knitters. Also hand knitters welcome. Anne, 878-1719.

C.W. POST EVENING STUDENTS - A list of persons attending C.W. Post in the evenings is being accumulated. This list will be useful in starting carpools and for emergency rides if they're ever needed. This list will be distributed to all who send me their names, Lab address, Lab phone, home town, time and days of the week you attend. Please send to Lou Picinich, Bldg. 526.

FREE LANCE - Typing, technical illustrating, etc. Technical publications background, experienced with equations. L. Joiner, Ext. 2741.

WOMAN - To come to my home in E. Patchogue, afternoons, to babysit for kindergarten child and do very light housework. S. Jessup, Ext. 2326 or YA 4-5237 after 6.

CLARINET - good cond., for intermediate student. Ext. 2165.

CARPOOLS

DRIVER - Wanted to share trip to Brookhaven from So. Syosset area. Flexible arrangements can be made. M. Tainiter, Ext. 2728.

DRIVER - Wanted to join existing carpool from Hicksville-Plainview-Syosset area. Fred, Ext. 2226.

DRIVER - Wanted to join carpool from Port Jefferson village. J. Underwood, Ext. 2341.

CLASSIFIED ADS**FOR SALE**

1955 NASH - Metropolitan, very good cond., snow tires. \$125. M. Perrier, 878-1719.

1959 CHEVROLET - Biscayne, auto. trans., 6 cyl., excel. cond. AT 6-9260.

STATION WAGON - Late model, excel. cond. AT 6-9260.

1962 CHEVY II - 2 dr., white, 6 cyl., std. trans., r/h, very good cond. Best offer. 878-1607 anytime day or evening.

1962 BUICK - Special, station wagon, good running cond., 58,000 mi. Asking \$1100. M. Greene, Ext. 7779.

1959 DE SOTO - ps, pb, auto. trans., clean, very good cond. \$350. Jungreis, Ext. 301-45.

1964 RAMBLER - Classic 770, auto. trans., radio, heater, w/w, seat belts, rec. seats, padded dash, full carpeting, low mileage, like new. Marie, Ext. 2491 or PA 7-5962.

1960 STUDEBAKER - Lark convertible, excel. cond., auto. trans. AT 6-9260.

1965 VOLKSWAGEN - Sedan, under 10,000 mi., like new. \$1450. Al, Ext. 2864 or FO 8-5255 after 6 p.m.

1962 COMET - Station wagon, r/h, stand. trans. \$900. EM 3-6290 or Ext. 2802.

1962 BUICK - Special, station wagon, good running cond., 58,000 mi., two new tires. Asking \$1100. To see car call GR 5-8806, Nesbitt's Sinclair Station. M. Greene, Ext. 7779.

1962 FORD - Ranch wagon, pb, r/h, 292, V8, cruise-o-matic trans., 40,600 mi., excel. cond. \$1200. Ext. 2387.

1958 CHEVROLET - 4 dr., 1961 engine, 348. Ext. 316 or EM 3-6751 after 5.

1955 OLDSMOBILE 98 - running cond., almost new tires & battery. \$30. Ext. 2487 or GR 5-5290.

1960 PONTIAC - Convertible, full power including windows. New tires, muffler, top, shocks, snow tires included. Excel. cond. AT 6-9260.

1960 FALCON - 2 dr. Delux, auto. trans., r/h, needs work. Below wholesale \$225. Ext. 2831 or 2802.

1954 CHEVROLET - 2-dr. Bel Aire, stand. shift, 4 excel. tires, good transportation. \$90. R. Steele, Ext. 2244.

1963 CHEVROLET - Impala, 4-dr. sedan, white w/red interior, 283-V8 engine, ps, auto. trans., custom & convenience acces., radio & heater, seat belts. \$1700, firm. Ext. 2528.

1960 TR3 ROADSTER - Excel. cond., wire wheels with Michelin-X tires, overdrive in 2nd, 3rd, & 4th gears, excel. top & side curtains, luggage rack, radio & heater. \$1050, firm. B. Fox, Ext. 2528.

1956 BUICK - Super, 4 dr., r/h, motor & interior in perfect condition. Ps/pb, little body work needed. \$300. Ext. 318 or GR 5-1355.

CHEVROLET ENGINE - 348 cu. in., three two-barrel carbs., 409 cam., runs good out of car. \$175. Ext. 318 or GR 5-1355.

1965 CHEVROLET TRAILER HITCH - used once, complete with 1 1/2" ball. Paul, Ext. 7687.