



# BROOKHAVEN BULLETIN

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## Weinberg Opens Energy Seminars

On Monday, November 26, Alvin Weinberg, Oak Ridge National Laboratory, initiated the BNL Energy Seminars with a talk entitled "Can Research and Development Solve the Energy Problem?"

Talking to a filled Berkner Hall, Weinberg outlined the current situation in the U.S. energy system and distinguished two time periods for which different kinds of technological solutions could be sought.

In the short time scale we are faced with the goal, defined by the President, of becoming self-sufficient in energy by 1980. Weinberg emphasized the difficulty of achieving that goal, involving as it does the replacement of a projected importation of oil of some 10 million barrels a day. He described a three part strategy for the short term involving active energy conservation, increased domestic production of natural gas and oil, and replacement of oil and gas by coal and nuclear power. A limiting factor in the rate at which both coal and uranium can replace the more scarce oil and gas is the rate at which the extraction of these resources can be expanded. But self sufficiency by 1980 can only be accomplished (other than by sharp curtailment of use with unknown economic repercussions) by crash programs in synthetic fuels - for example, production of oil from shale and pipeline gas from coal. A program of this sort to replace the 10 million barrel a day importation by 1980 would cost between 30 and 40 billion dollars.

In the long term, the problem will be to shift completely from dependence on fuels in short supply; oil and gas and uranium as used in light water reactors (U-235) to the abundant domestic fuels; coal, uranium as used in breeder reactors (U-238) and possibly solar energy, fusion, and geothermal energy. At this point only breeder reactors and coal can be counted on as elements in a long term strategy.

Referring to the current plan to develop a \$10 billion, 5 year national energy R&D program, Weinberg suggested that attention be paid to proper institutions to manage this program and suggested, in particular, that multidisciplinary centers be set up to direct research and development in coal modeled on the national laboratories established for the nuclear energy program.

The Energy Seminars will continue next week with a talk by Melvin Gottlieb, from Princeton University, on "Prospects for Fusion." The lecture will be at 11:00 a.m. on Friday, December 7 in Berkner Hall. The following week, on December 12, Walter Loewenstein of the Electric Power Research Institute will talk on R&D for breeder reactors.

## Medical Meeting at BNL



On Thursday, November 15, the Greater New York Chapter of the Society of Nuclear Medicine held a meeting at Brookhaven National Laboratory. Prior to the meeting, BNL Medical Department Chairman Dr. Eugene P. Cronkite (left) and Dr. Harold L. Atkins of BNL's Medical Department (right) discussed the program with C. Jules Rominger, President of the Greater New York Area Chapter.

## Cooking Exchange

The Christmas party will be held on December 12 in the Recreation Building from 4 to 7. Bring your husband and kids - we'll have egg nog for Dad and baby sitters for Sonny and Sis.

Come along and join the fun and taste the good things. We really must have you if the party is to be complete.

Everyone is welcome, and a special invitation goes to those ladies who haven't been able to attend our regular meetings due to the time change or jobs or whatever. All you have to do is prepare a dish - cocktail type - write out the recipe - call Lee Schwender 744-5422, Ruth Dimmler 751-6342, Terri Pittenger 286-9471, or Jane Love 286-1136 and tell what you're bringing. — Jane Love

## IAEA - Regional Meeting

Andrew P. Hull, Supervisor of Environmental Monitoring at BNL, was among the several invited specialists at a South American Regional Study Group Meeting on Radiological and Environmental Protection.

The meeting, held in Lima, Peru on November 19-23, was jointly sponsored by the International Atomic Energy Agency and the World Health Organization. The purpose of the meeting was to bring together radiation protection specialists nominated by governments of countries in the region to discuss topics of common interest.

In addition to participating in the discussions, Hull presented papers on "Environmental Safety Evaluation for Nuclear Installations" and on "Radiological Safety Aspects of Waste Management."

## Vacation Planning

Have you been asked recently whether you would volunteer to take 4 or 4½ days vacation between December 21 and January 2? Most employees have, but there seems to be some confusion as to the purpose. First of all, the Lab will NOT be closed during this period, and secondly, anyone who requests Vacation time, Leave Without Pay, or an advance of Vacation credit does so on a *voluntary* basis.

The number of people who are usually on Vacation between Christmas and New Year are many - at times in the past we have almost looked like a ghost town. However, the steam plant has hardly felt the effect of the absent employees, since no one had an overall Lab picture of who was going to be away, and therefore heat was not turned off in buildings.

This year is different. We have an energy crisis, and we would like to reduce the heat in buildings that will be unoccupied. Department/Division Energy Coordinators have been asked to survey their buildings to see which areas are unable to allow more than the normal vacations due to workload, which will be vacant, which due to special conditions (machines, experiments, computers, etc.) will require normal temperatures anyway, and whether or not employees in sparsely occupied areas can be consolidated temporarily in order to reduce temperatures in remaining buildings.

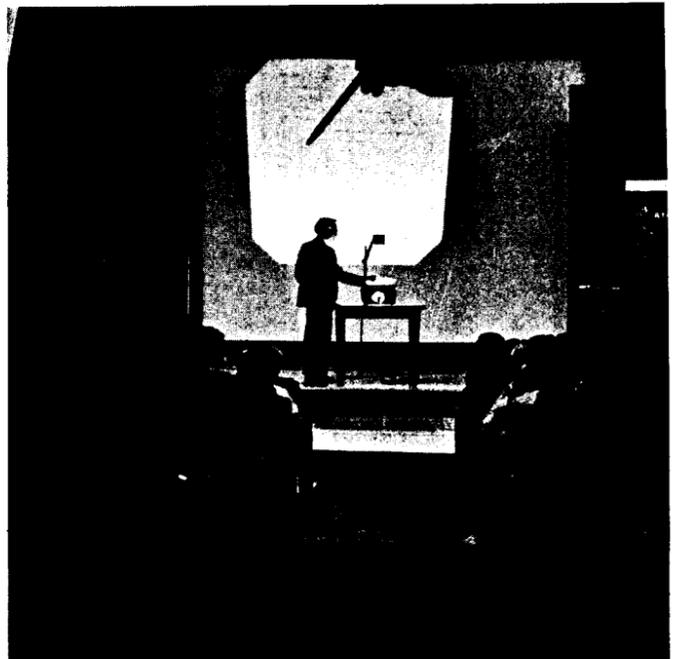
This year, as you know, 4½ days Vacation charge will permit 12 days away from BNL and this, added to the fact that we can put a significant amount of fuel in the bank for the cold winter months, makes the effort of a survey well worth while.

So "that's the story" - if you haven't done so already, let your Department/Division Coordinator know if you would like to be away so that every effort can be made to consolidate the remaining staff and conserve as much fuel during this period as possible.



## Energy Series Starts

Alvin Weinberg, Director of Oak Ridge National Laboratory, was introduced by George Vineyard, Director of Brookhaven National Laboratory, when Weinberg presented the first of a series of energy seminars in Berkner Hall on November 26.



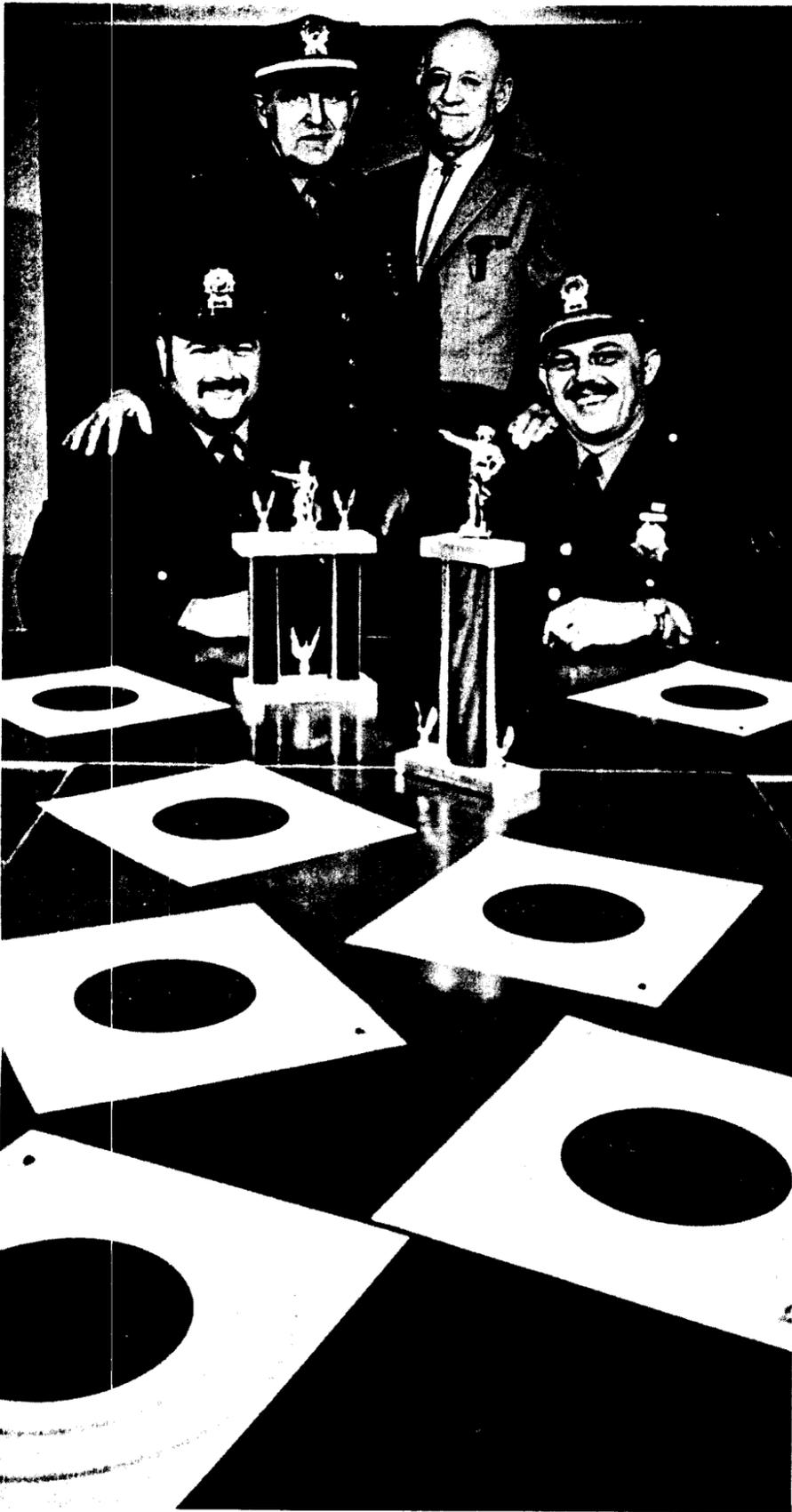
Dr. Weinberg drew a capacity crowd to Berkner Hall as he gave the talk that provided a framework for the remainder of the series which will be devoted to a view of major research and development challenges in the energy field over the next five to ten years.

## Hospitality News

A morning coffee, sponsored by the Hospitality Committee, will be held on Thursday, December 6, in Apartment 10C from 10:00 to 11:30 a.m.

Traditional holiday cakes and cookies from around the world will be served. Please bring the children.

**1973 Top Qualifiers**



Patrolman Alfred Berretta (seated, left) and Sergeant George Baer (seated, right) recently were the top scorers in the 1973 Police Group firearms qualification firing. Trophies were presented by Captain Frank Bugala (standing, left) and Police Chief Adam Paskiewicz for their achievement. Sergeant Baer was high scorer on the AEC Short Course and Patrolman Berretta was the top scorer on the National Police Course.

**BROOKHAVEN BULLETIN**

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CARL R. THIEN, Editor  
CLAIRE LAMBERTI, Editorial Assistant

40 Brookhaven Ave., Upton, N.Y. 11973  
Telephone (516) 345-2345

**CREF Unit Values**

1972			
January	\$48.27	February	\$50.49
March	51.36	April	51.80
May	53.74	June	51.80
July	51.15	August	51.95
September	50.98	October	50.80
November	52.53	December	53.25
1973			
January	\$50.36	February	\$47.11
March	46.44	April	43.69
May	42.06	June	41.40
July	44.80	August	44.06
September	46.63		
October	\$47.06		

**Tune In!**

#346

If the Bulletin is interested in promoting car pools, I suggest that it arrange to have Payroll generate a computer print-out of the names and home addresses of all employees arranged by local village. Then make this available either by posting in Berkner Hall, Personnel, and/or other central locations or by distributing pertinent sections of it to those requesting copies.

This will enable people to discover not only the names of all BNL employees living near them but also those living on the routes that they do or could use in travelling between their homes and the Lab.

We have had several discussions concerning methods of encouraging increased use of car pools. A recent and interesting development will be explored when members of the Laboratory Personnel Division staff meet with a representative of the General Services Administration in the next week or two to discuss the possibility of the Laboratory participating in an area-wide, computerized, car pool advisory service.

**Judo Club**

The Judo Club will not have classes until Tuesday, January 8, 1974. Classes will be held in the old BERA office in the west end of the gym. All are invited to start a new year and to help make up next year's practice schedule. If there are any questions, please contact Bob Marascia at Ext. 4672.

**Selected Reading**

Impact Sci. Soc. 23, July-September 1973

- Bodily function and behaviour 2: Comment. 147-8
- Evolutionary adaptation in human behaviour. I. Eibl-Eibesfeldt. 149-58
- Can thermodynamics explain biological order? I. Prigogine (interview). 159-79
- Psychological research on human aggressiveness. D.A. Hamburg and H.K.H. Brodie. 181-93
- The forming of natural and artificial intelligence. P.K. Anokhin. 195-212
- On the humanizing of human nature. L. Eisenberg. 213-24
- The pharmacological basis of the control of human behaviour. A. Bissanti. 225-35
- Controlling technically produced noise to reduce psychological stress. G. Carlestam. 237-48

Eng. Sci. 37, October 1973

Technology in the waning century. W.H. Pickering. 15-21

Newsweek, November 12, 1973

Hydrogen - the new wonder fuel. 75

**Cafeteria Menu**

**Week Ending December 7, 1973**

<b>Monday, December 3</b>	
French Onion Soup w/CROUTONS	
Kielbasa w/Sauerkraut & Mashed Potato	1.00
Grilled Ham Steak w/Pineapple & 1 Veg.	1.10
Cheese Omelet w/French Fries & Bacon	.95
<b>Tuesday, December 4</b>	
Cream of Tomato Soup	
Braised Short Rib of Beef & 1 Veg.	1.15
Southern Fried Chicken & 1 Veg.	1.00
Broiled Fillet Cod & 1 Veg.	1.00
<b>Wednesday, December 5</b>	
Chicken Noodle Soup	
Manicotti & 1 Veg.	.90
Roast Fresh Ham & 1 Veg.	1.10
Chili Con Carne w/Rice	1.00
<b>Thursday, December 6</b>	
Vegetable Beef Soup	
Stuffed Cabbage & 1 Veg.	1.00
Breaded Pork Chops & 1 Veg.	1.15
Macaroni & Cheese & 1 Veg.	.95
<b>Friday, December 7</b>	
Fish Chowder	
Breaded Fillet & French Fries	1.00
Sauerbraten w/Potato Pancakes	1.20
Sagaburger w/French Fries	.95

**Save Fuel Now!**

When leaving the Lab at the end of the day, turn your thermostat down to 60 degrees.

In the morning, put the thermostat up to 68 degrees maximum.

On weekends, set the thermostat at 60 degrees.

Wear a light sweater or a suit jacket if you feel chilly.

Keep your car speed below 50 mph.

Work harder . . . it will keep you warm!

**Carolers Attention!**

The Season is here! The first rehearsal of the BERA Unorganized Carol Singers will be held at Berkner Hall promptly at noon on Wednesday, December 5. Rehearsals will end promptly at 12:30. New faces and voices are welcome! Call Alf Christoffersen on Ext. 3322 for details.

**BNL French Group**

The next meeting of the French Group of BNL will take place on Friday, December 7, at 8:30 p.m., at the Recreation Building in the Apartment Area. It will be an informal evening around the fireplace, listening to records made recently by several popular French singers. Refreshments will be served. Anyone interested is welcome to come, but those who are not members of the French Group will be asked for a contribution of \$1.50.

French popular singers have antecedents as far back as the troubadours of the Middle Ages, who, in addition to celebrating Y'Amour in song, used ballads to carry news from one chateau to the next. The Parisian chansonniers of today, in carrying on this tradition in their songs about the political and social scene, are often more daring (and less subject to political reprisal) than journalists who use the written word. One is reminded of our own musical scene, where some of the most effective social commentary of the decade has come from singers such as Bob Dylan, Joan Baez, Pete Seeger, etc.

This type of song, as well as the traditional romantic ballad, will be presented on discs by Georges Brassens, Melina Mercouri, Yves Montand, Serge Reggiani, and others.

**Arrivals & Departures**

**Arrivals**

Edward J. Cambria	Accelerator
Erik G. Cazzoli	Physics
Carolyn Eterno	A.U.I.
Angela Garcia	Purchasing
Jerry S. Hobson	Plant Engr.
Frances K. McKenna	Applied Science
Donald F. Maynes, Jr.	Accelerator
Francis J. Mustoe	Chemistry
Calvin J. Nash	Accelerator
Charles A. Northington	Plant Engr.
Robert L. Shirley	Accelerator
William L. Trent	Accelerator
Kathleen T. Weber	A.U.I.

**Departures**

Jean F. Corwith	A.U.I.
Daniel D. Jones	Chemistry
Anthony Kokinelis	Accelerator
Paul LeDoux	Mech. Engr.
Theodore J. Przystas	Chemistry
Pierre H. Ribon	Physics

## Stony Brook Events

A variety of theatre productions and musical concerts highlight this week's events at the State University of New York at Stony Brook. Unless otherwise noted, the events are open to the general public without charge.

### Music, Theatre and Art

The Stony Brook Union and the Theatre Arts Department presents Jean Genet's "The Maids," Nov. 30 - Dec. 8, at 8 p.m., with a 2 p.m. performance on Sun., Dec. 2, in the Stony Brook Union Art Gallery. Limited seating available; for information call 246-5670.

"Have You Seen Vera Lately?" will be presented by a student group, Pinter College, on Sat., Dec. 1, at 2 p.m. in the "Little Theatre," Building B, Room 114 on the South Campus. For information call 246-5670.

Punch and Judy Follies will present "Celebration" on Fri., Nov. 30 through Sun., Dec. 2 at 8 p.m., with a Sunday afternoon matinee at 2:30 p.m. in the Fanny Brice Theatre, Stage XII Cafeteria. Limited seating is available; for tickets call 246-4844.

The Department of Theatre Arts presents "The Adding Machine," directed by Leonard Auerbach and Cecily Dell, on Nov. 30, Dec. 1-2 and 5-9 at 8 p.m. with a special Sunday matinee, Dec. 9, at 2 p.m. in the Calderone Theatre, Building B, on the South Campus. Admission is \$1. For information call 246-5670.

As part of the First International Bela Bartok Festival, the Budapest Symphony Orchestra will perform Bartok's "Concerto for Orchestra" and Tchaikovsky's "Concerto for Violin and Orchestra" in the University Gymnasium, Fri., Nov. 30, at 8:30 p.m. Tickets are required; for information call 246-7790.

Stony Brook musicologist Lawrence Starr will lecture on Bartok's "Concerto for Orchestra" on Fri., Nov. 30 at 4 p.m. in Room 105 of the Lecture Center.

Pianist Gyorgy Sandor will present an all-Bartok recital featuring the Sonata (1926) and the Dance Suite on Sat., Dec. 1, at 8:30 p.m. in the Stony Brook Union Auditorium. Tickets are required; for information call 246-7790.

The University Orchestra, directed by David Lawton, presents a concert on Sun., Dec. 2, at 3 p.m. in the Administration Building Second Floor Lobby. The program consists of "Prelude to the Afternoon of a Faun," "Corelli Concerto Grosso for String Orchestra in C minor" by Debussy and Beethoven's Symphony #6, first and last movements.

An art exhibit featuring works by nine women will be held daily, Mon.-Fri. until Dec. 7 in the Humanities Building Gallery from 10 a.m. to 5 p.m.

"An Evening of Vulgar Music with Peter Winkler" of Stony Brook's Music Department will be held on Thurs., Dec. 6, at 8:30 p.m. in Room 105 of the Lecture Center.

"Mostly from the Last Decade," part of a series of contemporary music concerts, will present a program on Fri., Dec. 7 at 8:30 p.m. in Room 105 of the Lecture Center. The program consists of "Fanfare for a New Building" by Stravinsky; "Tiamat" by John-Peter Lund; "Lieder Auf Der Flucht" by faculty member Daria Semegen; three clarinet shorts; "Elisions I/II/III" by Thomas Nunn; and "Do It" by faculty member Peter Winkler.

Martin Canin, pianist, will present a concert on Sat., Dec. 8 at 8:30 p.m. in Room 105 of the Lecture Center. His program consists of "Six Bagatelles op. 126" by Beethoven, Schubert's "Fantasie in C, The Wanderer," 15 Hungarian Peasant Songs by Bela Bartok and three works by Claude Debussy. Tickets are \$2 and are available at the door. For further information call 246-5671.

The University Chorus, conducted by Ronald Jeffers, will present "A Program of American Music" on Sun., Dec. 9, at 8 p.m. in the Administration Building Second Floor Lobby. Participants will be the Stony Brook Chamber Choir, Stony Brook University Choir, and the Black Choir of Stony Brook directed by Bernice Carter, folk singer Hedy West and the Treble Voices Choir of Ward Melville High School, with Daniel Slick, director. The program will feature colonial music, American work songs, and 20th Century selections. Refreshments will be served as part of an intermission.



## Harpsichord Recital By Kenneth Cooper

A solo harpsichord recital will be given by Kenneth Cooper, the internationally-known artist, on Wednesday evening, December 5, at 8:30 p.m. in Brookhaven National Laboratory's Berkner Hall. The general public is cordially invited to attend and may obtain tickets at the door.

Mr. Cooper will play on an extraordinary, two manual harpsichord built by E. Brewer of the Hubbard firm in Massachusetts, and modeled after the 18th century French harpsichords of Taskin. Mr. Cooper is particularly known for his interpretation of 18th century music and for his skill at improvisation. His recital program will be as follows:

Henry Purcell - "Trumpet Tune in C," "Ground in C minor," "Jig in G minor," "A New Irish Tune."

J.S. Bach - "Partita No. 4 in D major." D. Scarlatti - "Three Sonatas" - K492, 208 and 487.

B. Bartok - "Staccato," "Harmonics" and "From The Diary of A Fly" from Mikrokosmos.

Gyorgy Ligeti - "Continuum." Scott Joplin - "Weeping Willow Rag."

Kenneth Cooper has recorded Couperin Duets with Sylvia Marlowe, Vivaldi's Sonata in A with violinist Ruggiero Ricci and was chosen to be the harpsichordist in the recent premiere recording of Rossini's La Pietra del Paragono.

Allen Hughes of the N.Y. Times, reviewing Mr. Cooper's Tully Hall concert last February, hailed him as "a virtuoso of apparently unflinching precision, rhythmic security and color sensitivity" and described the event as "a great night for Mr. Cooper, the harpsichord and the lucky listener."

Any devotee of great music, and especially those who cherish the sound of plucked stringed instruments such as the guitar or the lute, will not want to miss this rare opportunity to hear a great harpsichordist playing a superb and unusual instrument.

## December Art Exhibit

Paintings, collages and drawings by Esterina Velardi, wife of William Hillman of the Biology Department, will be exhibited in the Old South Haven Gallery throughout the month of December. The gallery is at the corner of South Country and Beaver Dam Roads in Brookhaven Hamlet, and is entered through the rear door of the Presbyterian Church. The exhibit is open Sundays until 5 p.m., or at any other time by appointment. For information, call Katharine Woodwell, 286-0798.

## Bowling News

Grace Fales

### Red League

After 10 weeks of bowling we find the Lucky Strikes in 1st place, followed by the Charlie Browns, Old Timers and Neutrons, with the 1st and 2nd place teams playing each other next week. High scratch series for the night were R. Larsen 222/206/622 and R. Adams 201/226/619. The turkeys went to D. Adams for high gross series of 676 and J. Petro in a drawing. Happy eating to both winners. Other highs for the night were: J. Scesny 203/209, J. Carroll 201, R. Wilson 204, W. Reams 200, and B. Buzzeo 244.

### Green League

Winners of the turkey shoot were B. Belligan with a 229/201/616 scratch/694 gross series, also winning his Club Awards, and R. Jones with a 264 gross game (248 scratch). Other 200's were R. Jones 228 (to go with his 248), E. Meier 215, G. Speidell 212, J. Berech 211, H. Marshall 207, G. Meinken 202, and C. Bohnenblusch 202.

### Black and Blue League

The first third is over and in the record books, with the Maybe's on top (44-26), and the Pinsplitters (40-30) in second place. Good eating and congratulations to Alma Tomesch and Fred Van Dervoort winners of the turkeys. In the high game department it was ladies night - Kit D'Ambrosio 181, Suzanne Clark 163; and Ellie Murgatroyd 162.

### Pink League

Port Jeff Bowl gave each league 2 turkeys this year; the ladies opted to draw for one and bowl for the other. A. Blake won the draw and Marie Susa really worked for hers, rolling a fantastic gross series of 699, winning her Club Award. Another Club Award will go to R. Rosati for an equally impressive series of 679. Both girls will receive trophies. Other high games for the night were: H. Caisey 183/521, E. Murgatroyd 199/509, A. Blake 194/500, L. Boyd 193, G. Fales 172, C. Beckner 171, J. Gazzola 169, F. Scesny 164 and B. Jellett 160.

Winning all 7 points the night of 11/20 were the Bioboosers, Hopefuls, and Med-fislib. R. Rosati's 224 was the highlight of the evening. See what a new ball and 6 strikes in a row can do? This gives Renie high scratch game for the season - So Far! Other high games for the night were M. Stoeckel 168, M. German 167, E. Murgatroyd 167, R. Piccione 167, K. Conkling 164, G. Fales 162, and C. Kerr 161.

## Classified Advertisements

### Placement Notices

Each week, the BROOKHAVEN BULLETIN lists personnel placement requisitions currently being processed. The purpose of these listings is, first, to give notice of all non-scientific staff positions being filled and, second, to give employees an opportunity to request consideration for themselves or others whom they wish to recommend to BNL. In filling vacancies, the Laboratory's objective is to give first consideration to present employees, as follows: employees within the immediate group having the vacancy, employees within the department or division, employees within the Laboratory as a whole. For further information regarding a placement notice, please contact Employment Supervisor, extension 2879 or 2882.

MACHINE SHOP FOREMAN - Central Shops Division.

OFFICE SERVICES ASSISTANT - Travel Section. Staff Services Division.

### Autos & Auto Supplies

62 VW - Clean, runs well, eng rebuilt, just painted red. \$475. Michael, 878-2486.

STUDED SNOW TIRES - For Austin America. 2/\$10. E. Cherniavsky, Ext. 2406.

73 TRIUMPH - 500 cc, Daytona 500, 900 orig mi. \$900. 924-6557.

65 DODGE 1/2 TON PICKUP - Runs, \$200. J. Bennett, Ext. 4174 after 5.

SNOW TIRES - 2 F78-15 w/w on Ford rims, \$60/pr; 2-5.25x15 snows on VW rims, \$50/pr; both used 1 season. R. Dietz, Ext. 3059.

65 GTO - White/blk int, 3-2 bbl, 4 spd, good cond. \$475. G. Dupre, 924-6418.

15" RIMS - Jeep or Scout, 3 ea; also 14" Chevy rims; all 5 lug. Ext. 3376.

14" PLYMOUTH RIMS - \$5/pr. Paul, Ext. 4047.

14" WHEELS - For Chevy & lg Pontiacs, \$5/pr; 15"-5 lug for VW, \$5/pr; 12v gen, GM type, \$7; all good cond. Bob, Ext. 4288, 289-0357.

72 GAS SAVER PINTO - Red sedan, auto trans, air cond, 29,000 mi, new tires. \$1750. Ext. 2564.

67 PLYMOUTH BELVEDERE - 4 dr sedan, 318 V8, ps/pb, perf cond, 2 extra studded snows free, going back to Europe. \$700. Philippe, Ext. 4581.

TIRES - Sears Super Command E78-14. Orig \$85, sell \$60. Ext. 2024, 727-9058.

TOP FOR VW PICKUP TRUCK - Covered wagon style. \$5. J. Maddock, Ext. 4688.

72 VEGA - Am/fm tape deck, 4 spd, only 28,000 mi, very good cond. Asking \$1500 firm. 588-4703.

69 DODGE DART SWINGER - 6 cyl, excel cond. \$1250. 286-8517 after 5:30.

71 PINTO - 2 dr, vinyl hdt, excel cond, 2000 cc, auto trans, radio, new brakes, just tuned, 43,000 mi. \$1600 firm. Frank, 475-4455.

TIRE RIMS - 2-13" w/5 holes; 6.85x15 tire, used on Volvo, in good cond. H. Susskind, Ext. 4465/4461.

72 HONDA - 175 cc, like new, less than 2500 mi, 2 helmets & tools as bonus. A real steal at \$475. Ext. 3644, 722-3406.

65 VW - Very good mech cond, new tires (2 snows), gen, front end rebuilt. Robin, Ext. 2445, 286-1372.

TAPE DECK - W/2 spkrs, for car or truck. 475-4199.

61 CHEVY - 6 cyl, auto trans, runs well. \$25. Joe, Ext. 3273.

68 COUNTRY SQUIRE WAGON - Air cond, ps/pb, am/fm radio, 10 psgr, roof rack, snows & rims, very clean, excel running cond. \$1200. MY4-5669.

71 VW SQUAREBACK - Yellow, fuel injection, 27 mpg plus, steel radials, dealer serviced, 38,000 mi, excel cond. \$2000 firm. Art, Ext. 3550, 929-6177.

70 COUNTRY SQUIRE - V8, excel cond, ps/pb, air cond. \$2000. W. Bauer, Ext. 4746, Ext. 3103 eves.

TIRES - 2 H70-14 w/w Goodyear belted, mounted & balanced on Pont rims, very good tread. \$45/pr. George, Ext. 4212.

2 SNOW TIRES - J78-15 on Buick Electra rims, excel shape. \$50. R. Lundgren, Ext. 2434.

63 BUICK SPECIAL STATION WAGON - Excel running cond, good tires, batt, radio, needs trans work. \$50. 288-1127 eves.

65 MERCURY 9 PSGR WAGON - Excel mech cond. \$1100. E. Harris, 475-8504.

2 TIRES - 7.00x13, 1 good, 1 not so good, 2 Valiant rims. \$10/all. Harriot, Ext. 3412.

SNOWS & RIMS - Pr F78-14, studded nylon tubeless on VW rims, tires good for 1 season, rims for longer. R. Parsick, Ext. 2449.

SNOW TIRES - 2 Firestone Town & Country, G78-14, used 1 winter. \$30. Norvell, 929-8398.

70 SAAB 99 - Am/fm, roof rack, radials, 4 spd, 67,000 mi. \$1220. T. Perdikoyley, 929-6646.

63 T-BIRD - Good cond, rebuilt eng. \$250. 281-2012 after 5.

64 CHEVY - New batt, brakes, water pump. \$45. A. McNerney, Ext. 4677.

64 JEEP - Tuxedo Park model w/snow plow. \$1500. M. Burns, Ext. 3776, 941-9385.

### Boats & Marine Supplies

MUD CLAM RAKE - Used 1 season, basket & handle. \$40. Jim, 567-4061.

2 OUTBOARD MOTOR BOATS - Need some work, cannot keep in my yard, could get them repaired by spring. Best offer. V. DiDio, 286-0372.

18' SPORTCRAFT - Fully equipped, bow rider, fiberglass, 85 hp Johnson, trailer & hitch, pwr winch. 981-7169.

LUHRS SKIFF - Sleeps 2, fully equipped, 109 Gray Marine eng, excel cond. 567-4061 after 5.

MARINE DIRECTION FINDER - Heathkit model MR-21, fully transistorized, good cond. \$60. G. Kinne, Ext. 3334.

23' SKIFF - Lapstrake mchog hull, Chrysler Crown 6 cyl, needs paint. Ritchie, 734-6597.

SCORPION - Fiberglass sailboat, similar sunfish, like new, safe. \$450. 286-0798.

17' GRUMMAN CANOE - W/carrier & 2 paddles, used 1 yr. \$150. J. Bennett, Ext. 4174 after 5.

### Miscellaneous

MICROSCOPE - 900 pwr zoom, kit, chemicals, prepared slides, dissecting instruments, specimens, extras. \$35. A. Rosenka, Ext. 2957.

WARDROBE HUTCH - Twin bed (Posturepedic matt), dbl bed (no mat), make offers. J. Bennett, Ext. 4174 after 5.

TENNIS RACKET - Wilson Pro Staff, med wt, 4 1/2" grip, nearly new, used couple of times - can't get used to change from metal racket. Cost \$46, sell \$35. Conard, Ext. 3577, 941-4127.

KENMORE WASHER - Compl rebuilt, 2 spd, 3 cycle, water level & temp switch. \$80. Sal, 878-2486.

MOBILE HOME IN FLORIDA - 1972, 72x12, 3 bedrms, 2 full baths, lived in 6 mos, unfurn. \$5500. Sal, 878-2486.

HO TRACKS FOR SLOT CARS - Very good cond, w/10 cars, all working. \$30. D. Merritt, LT9-5126.

1/2 HP WATER PUMP - W/new water tank. \$40 takes both. Ext. 2333.

GE WALL OVEN - Excel cond, free. Dick, Ext. 4289.

23" PHILCO TV CONSOLE - B/w, excel cond. \$100. 281-7844.

23" SEARS B/W CONSOLE TV - Good operating cond, \$50; RCA antenna, \$12. Ext. 3432, 473-1620.

SLACKS - 30 w - 30 l, \$4; jackets 12-20, \$4-5. A. Munsterman, 744-5871.

ATTENHOFER WOODEN SKIS - Excel, w/safety bindings, \$12; ski boots, size 10, \$6. 475-1844.

KENMORE WASHING MACHINE - \$25; baby stroller, \$9; violin, \$35; carriage, \$8; 2 pool filters, \$4 & \$6. 732-1913 after 5.

CHAIRS - 2 matching antique oak din rm chairs, spindle backs w/cane seat, refinished & recaned. 363-6597.

KRACO 8 TRACK CAR STEREO - 2 Wedge spkrs. \$30. E. Bihn, Ext. 3840.

LADIES' BOWLING BALL - Bag, shoes; girl's bicycle, German single spd. 286-1205.

CROSSMAN BB GUN - Excel cond, \$5; boy's hockey skates, sizes 3-4, like new. \$4/pr. Richard, 286-0761.

CARRIAGE - Plaid folding, converts to car bed, \$20; child's car seat, heavily padded, \$6. 289-1754.

STROLLER - Fringed top canopy, folds, swivel wheels, back seat, \$15; palomino rocking horse on springs, \$5. 289-1754.

LEATHER BOOTS - Women's 7-7 1/2 narrow, dk brown, low heels, hand-made in Costa Rica, like new. \$15. Anne, Ext. 3381, 286-3764.

BLUE MOTORCYCLE HELMET - Med, new, \$25; mini bike & shield, like new, outgrown-best offer. V. Di-Dio, 286-0372.

GIRL'S 24" SCHWINN BIKE - W/basket, chrome & blue. \$25. Ext. 4472.

BATHRM MEDICINE CABINET - W/mirror. \$5. M. Greene, Ext. 4484/4473.

DANISH MOD FOAM SOFA - W/2 chairs, excel cond, \$120; walnut slat bench. \$12. 473-2473.

DRESSER - Antique Victorial marble-top dresser, 5 drawers, attached mirror w/carved frame, 46" w x 25" d x 40" h. \$100. H. Barry, 878-2162 after 6.

66 INT CUB CADET - 12 hp, front end loader, w/trailer, seeder, fk lift & wgt box. Rich, Ext. 2982.

OLD ELEC STOVE - As is, cheap. 924-6436.

GE RANGE - 36" elec; 2 bkcase headboards; Bradford refrig; metal china closet; best offer. 924-6436.

ORLON YARN - All colors, \$2.50/lb, will deliver to Lab or may be picked up at my home. Ann, Ext. 3143, 732-9384 after 6.

MINIATURE MIXED BEAGLE PUPS - Healthy & lovable. \$10 ea. 924-8644.

MOD DINETTE SET - Formica top, 6 chairs, 1 leaf, fine cond; 4' Scotch pine Christmas tree, used twice. 286-0376.

KENMORE WASHER - \$30; baby carriage, \$6; stroller, \$8; pool filters, \$4 & \$6. Walter, Ext. 3499, 732-1913.

LAFAYETTE AM/FM STEREO RCVR - Garrard turntable, 2 Criterion spkrs. \$350 value, asking \$190. 475-4974 after 3.

SKI OUTFIT - 175 cm wood skis, Henke 6 1/2 B ladies' boots w/press, 46" poles, used only twice. \$45. 363-6985.

WROUGHT IRON HAY RACKS - For corner feeding in stalls. Only \$5 ea. Lorraine, Ext. 3640.

LIONEL SCOUT TRAINS - .027 gauge, 37 pcs track, transformer, etc. \$40. 281-2431.

RHYTHM ACE FOOT CONTROL - Multiple beats & combo, \$200; Gibson stereo guitar w/case, \$250; Ampeg Gemini II amp, \$115. 281-2431.

26" GIRL'S BIKE - 3 spd, 1/2 yr old, \$35; 19" b/w TV, good picture, needs minor repair, \$15. W. Bauer, Ext. 4746, Ext. 3103 eves.

MAPLE CRIB - \$7; bathrm medicine cabinet w/2 sliding glass mirrors, \$4; 5 gal stone crock, has crack, ornamental use only, \$3; hand meat slicer, \$2. 727-1617.

DRAPES - 3 prs dusty rose antique satin, 84" l, single width, good cond, \$9; triple dresser & matching chest of drawers, heavily built, beige & gold. \$75. 727-1617.

MOUTON COAT - Full length, size 16. \$100. Shirley, Ext. 3653.

SKI BOOTS - Child's rubber molded boots, size 4-4 1/2. \$5. G. Irving, Ext. 2901.

CUB SCOUT UNIFORM - Size 10, like new, w/belt & scarf. \$9. G. Irving, Ext. 2901.

DIN RM OAK BUFFET - Oak dresser & round china closet. Bob, Ext. 4612, 725-1841.

BOY'S FIGURE SKATES - Size 4, excel cond. \$7. Bob, Ext. 3323.

POOL - 12x3 1/2', pool ladder, pump, filter, \$125. Mrs. Heinrich, 744-6211.

2 END TABLES - Contemporary walnut, excel cond. \$20 ea. Ext. 3432, 473-1620.

BABY CARRIAGE - Collapsible type w/matt, excel. \$15. Ext. 3432, 473-1620.

ELEC WALL FIREPLACE - 1650 watts, w/thermostat & fan. \$70 firm. Ken, Ext. 4003.

HIGH-RISER - W/firm Simmons matt, almost new, excel opportunity. \$95. Borg, 286-0428 after 7.

SEARS CLOTHES WASHER - 3 yrs old, lightly used, orig cost \$200, sell \$100. Ext. 4699, 928-5365.

2 SIDE CHAIRS - Brown upholstered back & seat, leather seat, green, blonde frame, \$7 ea; 2 dressers, old, need refinishing, \$10 ea. 281-7844.

ANTIQUE PINE WASH STAND - W/splash board & side spiral towel racks, flat drawer & bottom shelf. 363-6597.

TRAINS - Lg HO layout on platform, multi-levels, many engs & cars. \$95. R. Reilly, Ext. 3255, 744-8680 eves.

21" COLOR TV CONSOLE - GE, good picture but needs minor repairs, real bargain for a handyman. \$25. 584-7050 after 6.

GE PORTABLE 9" TV - W/radio & clock, perf cond, ideal for spare TV, only \$30. Lorraine, Ext. 3640.

12 GA SHOTGUN - W/clip for 2 shells, 2 yrs old. \$35. 588-6417 after 5.

BOY'S CLOTHING - Excel quality & cond, warm corduroy parka, full pile lining, size 14; all-weather top coat, zip-liner, size 10. Stoner, 286-0958.

GE STEREO MUSIC SYSTEM - Solid state, compl 40 w matched system w/am-fm rcvr, amp, record changer, Pickering cartridge & spkrs, like new. \$200. Rogers, Ext. 4222.

KNITTEX - Knitting-weaving machine. Karlsteinhof-Braunzweig M2 8334, excel cond. \$10. Ext. 2547.

OLD TREADLE SINGER SEWING MACHINE - Older Frigidaire refrig, fine working cond; 4' Scotch pine Christmas tree, used twice. 286-0376.

PORTABLE FOLDING CRIB - Mfd by Thayer, straps to bed to form crib 30"x4"x20" h, folds for easy travel or storage, never used. \$10. B. Monaghan, Ext. 4824/4688.

55 & 29 GAL AQUARIUM OUTFIT - Tanks, stand, hoods, rocks, gravel, heaters, filters. Asking \$100. Ray, 878-2486.

KITCHEN SET - Gold reclining chair; metal bookshelves; best offer. LaVerne, 281-0316.

ARTIFICIAL CHRISTMAS TREE - New, \$35; mini bike, good cond, \$65. Roebuck, Ext. 3848.

SKIS - Metal, Swiss made, w/bindings, 6'2". \$50. John, Ext. 3354.

BUREAU - Birdseye maple & mirror, antique. \$35. A. Munsterman, 744-5871.

FREE PUPPIES - Half German Shepherd. 924-8680.

PRESTO HUMIDIFIER - Mark 500, almost new, \$38; squash racket, \$4; Girl Scout uniform, size 10, w/bow, belt & hat, \$4. 286-3709.

BABY CARRIAGE - & Alfa Romeo car, your price. 924-3303.

GIRL'S BICYCLE - W/training wheels. \$15. Christine, Ext. 3072.

25" RCA XL100 1973 COLOR TV - Beautiful console, 4 mos old, was \$850, now \$550; Danish import rug, 9x12, 4 mos old, was \$289, asking \$150. 286-8517 after 5:30.

RED SWIVEL CHAIR - Less than 6 mos old, \$50; 6 1/2' wine rack, \$60; cocktail table, w/matching end tables, less than 6 mos old, orig \$89 ea, \$60 ea, \$175/3 pcs. 286-8517 after 5:30.

26" GIRL'S BICYCLE - Good cond, \$30. 286-0798.

WURLITZER CLARINET - Like new, just in time for Christmas, half price. Lloyd, Ext. 3381, 286-1024.

2 SCHWINN STINGRAY BIKES - Good cond, 3 yrs old. \$30 ea, firm. 475-1424.

CAMPER CLAMPERS TIE DOWNS - For GMC & Chevy trucks, set of 4. \$20. Dave, Ext. 3762.

CAMPER CAP FOR PICKUP - 30" insulated. \$200. Dave, Ext. 3762.

CRIB - Excel cond, fruitwood provincial spindle sides. \$40. 981-1749.

RADIATOR COVER - 25x36x6 1/2, never used. \$15. Ext. 4727.

9 1/2' COACHMAN CAMPER 1973 - Slide-in, fully equipped, sleeps 6, 5 mos old. Sacrifice, \$2575. 472-2397.

FOR ADOPTION - Lovable, 3 yr old male German Shepherd, silver markings. Ext. 3439, 878-1067.

PR 27" H TABLE LAMPS - Speckled buff china w/white shades. Ext. 3655, 281-2002.

### Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, creed or national origin of the applicant.

### For Sale

BELLPORT VILLAGE - 3 yr old hi-ranch, 4 bedrms, 2 baths, playrm, s/s, w/w, 2-zone heat, patio, util bldg, 2-car garage, golf course & dock privileges. \$32,500. 286-0147.

### For Rent

BELLPORT - Spacious 1st floor apt in duplex, 2 bedrms, liv rm, eat in kitchen, garage, bsmt, all util. \$265. 286-8850.

FURN RM - Kitchen privileges. W. Lundgren, Ext. 3800, 585-3794.

### Wanted

BROKEN OUTBOARD ENGS & USED PARTS - Immediate pickup. 589-3269 after 6.

LEAD GUITAR - To play & sing in hard rock band. Ray, 878-2486.

HOUSE OR APT TO RENT - 2 bedrms, 10-20 min from Lab, would like to move by 12/1, will pay up to \$200. Pauline, Ext. 3155, 727-7833.

CAMPBELL SOUP LABELS - Need 5000 for St. John Nepomucene school to get free projector, mail to F. Chandler, Bldg T-89.

### Classified Ad Policy

#### Deadline is 12 noon Monday for publication Friday of the same week.

1. The Brookhaven Bulletin's 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. Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
4. Firearms offered for sale or trade may not be brought on site.

5. Ads not carried because of space restrictions will be held for publication in the next issue.
6. Ads are run only once and must be resubmitted if they are to be repeated.
7. Ads should be restricted to 20 words or less and typed or printed on the form provided, and must bear the employees signature.

- For Sale: Auto & Auto Supplies  
 For Sale: Boats & Marine Supplies  
 For Sale: Miscellaneous

- Wanted  
 Carpools  
 Lost & Found  
 Services

Check  the heading applying to your ad.  
Print or type your ad in 20 words or less.

Ads concerning property for sale or rent cannot be accepted on this form. Special Real Estate Ad forms are available at the Office of the Brookhaven Bulletin, Room 111, 40 Brookhaven Avenue.

(Name & Phone No. To Call)

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

Send to: Brookhaven Bulletin, Building 460, 40 Brookhaven Avenue (Ext. 2345).