



Science Teachers Hold Mock Hearing Here

In the beginning of December, two intervenor groups will present petitions to the "Atomic Licensing and Safety Board" citing reasons for or against the construction of an off-shore nuclear power plant by the "Suffolk Illuminating and Power Co." (SIPCO).

In real life, these organizations do not exist but the situation very well could. The mock hearing on a simulated nuclear power plant is being put on by 35 high school science teachers from Nassau and Suffolk Counties. It is part of a 29-week In-Service-Institute course on the Forms and Uses of Energy, held at BNL every Monday night.

The Director of the In-Service-Institute is Don Metz, DAS. Vance Sailor, DAS, who has been involved in real life power plant hearings, has been instrumental in making the mock hearing as realistic as possible.

Metz said he selected the 35 participating science teachers from close to 120 applications. The teachers do not get any credit for the course but can receive in-service-credit from their school districts, which is equivalent to graduate credit.

Up until two years ago, the Institute was supported by the National Science Foundation; since then the Atomic Energy Commission has been supplying the funds.

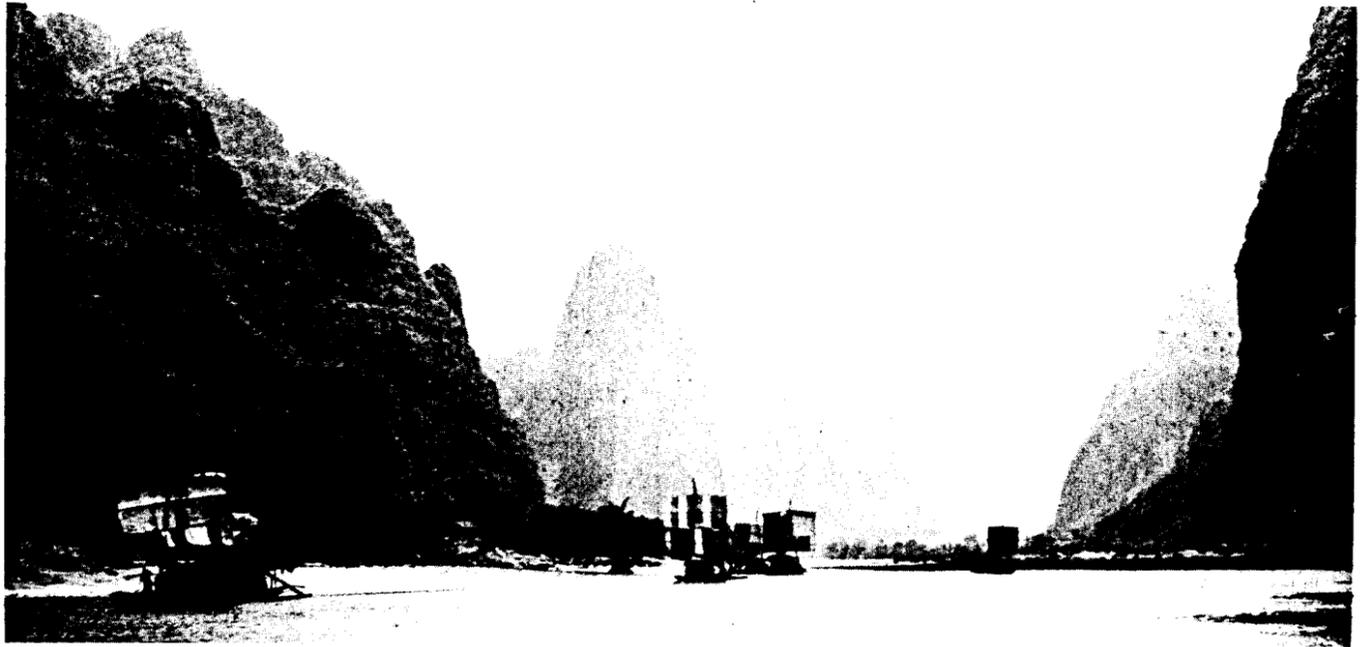
Each Monday night session is divided into two parts. During the first half of the evening, a BNL staff member gives a lecture relating to energy. The lecture is followed by the mock hearing. The lectures are being presented by John Olson, Biology; Phillip Palmedo, DAS; Vance Sailor, DAS; Frank Salzano, DAS; James Vary, Physics; Ralph Weston, Chemistry; and George Woodwell, Biology.

The lecturers also serve as advisors to the course participants as do Ed Beardsworth, DAS; Arthur Buslik, DAS; Frank Drysdale, DAS; H.G. Jones, DAS; Don Metz and Samuel Morris, DAS.

The teachers take their roles in the mock hearing very seriously, said Metz. They must do a lot of reading and develop, what amounts to a term paper, on their position regarding the nuclear power plant. It is presented in the form of testimony rather than a written document, he explained.

Metz sees two identifiable ends which can be gained by this course. The science teachers are given hard facts on the advantages and disadvantages of nuclear power plants which they can pass on to the community, through teaching. Also they participate in valuable role playing.

Two years ago, when the last In-Service-Institute mock hearing was held, the hearing board went along with SIPCO and recommended the construction of a nuclear power plant. What will be the outcome of this mock hearing? Only time will tell.



Sampans, with sails hoisted, make their way down a river near Kweilin, carrying cargoes of coal, wood, grain and salt. A limestone formation is responsible for the oddly shaped hills, reminiscent of those seen in classic Chinese paintings. —Photos by Dr. George Vineyard

United Way Campaign Of Nassau-Suffolk

This week marks the kickoff of BNL's United Way campaign. Early this year the name was changed from United Fund of Long Island (UFLI) to take advantage of national identification via mass media with the United Way.

Robert E. Scheuing, President of Hempstead Bank and Campaign Chairman for the 1974 campaign, has announced a goal of \$3,500,000, an increase of \$400,000 over last year's.

This is Long Island's single annual fundraising effort in the human care services area of service to youth, senior citizens, and families. This year the United Way of Nassau-Suffolk will raise money to provide a balanced network of services from 97 member agencies and hospitals that one out of four of us call on each year.

Please give generously, and remember that money raised in Nassau-Suffolk stays in Nassau-Suffolk. For those agencies receiving Government-matching funds, your United Way dollar complements the tax dollar. Contributions are tax deductible. Olga Vario, Payroll Supervisor, is Chairperson of the current campaign.

On Site Diners Note

The Cafeteria will operate only the Snack Bar Service from 9:00 a.m. until 2:00 p.m. daily over the Thanksgiving Holiday weekend, Thursday, November 28th through Sunday, December 1st.

The Center will be closed on Thursday, Friday and Saturday, reopening at 5 p.m. on Sunday, December 1st.

Happy Turkey to all!

BNL Directors Tell Of Life Inside China

"There is a great deal of pride in the country and you are struck by the spirit of the people." Laboratory Director George Vineyard offered this, and many other impressions made during his recent three-week tour of the People's Republic of China, to a full house in Berkner Hall on Monday. He and former Director Maurice Goldhaber spoke at length about their trip and showed a series of slides which gave the audience a whirlwind tour of a country seen by few Westerners.

Drs. Vineyard and Goldhaber went to China with ten other Americans at the invitation of the Scientific and Technical Association of the People's Republic of China. The other members of the party were Mrs. Phyllis Vineyard, Dr. Gertrude Goldhaber, Dr. and Mrs. John Toll, Professor and Mrs. Melvin Schwartz, Professor and Mrs. Robert Hofstadter, and Dr. and Mrs. Robert Wilson. Dr. Toll is the President of the State University of New York at Stony Brook, Professor Schwartz and Hofstadter are from Stanford University, and Dr. Wilson is Director of Fermi Lab.

On September 18 the group boarded a train in Hong Kong bound for the southern Chinese city of Canton. Here, they were met by their hosts and ushered into small Chinese-made gray cars called Shanghais. Much of their transportation within China was provided by these official cars. Dr. Vineyard explained that there are no privately owned cars in China; everyone rides bicycles or buses.

"We were an object of great curiosity everywhere we went," he said. "The people gathered by the hundreds whenever they saw our fleet of gray automobiles approaching." The police had to hold back the crowds.

In Canton, the group visited a kindergarten. Upon their arrival they were greeted by a group of children who applauded and welcomed them in Chinese. "We learned later they were saying 'warm welcome uncles and aunts from the United States' and were criticizing Confucius and Lin Piao," Dr. Vineyard explained.

"The little children are very friendly and open and I think their teachers emphasized friendliness," Dr. Vineyard continued. The group was told, he said, that all the schools down through the kindergartens have workshops where the students are taught useful work. As an example, they were shown a workshop in which kindergarten children were cutting out decorative paper doilies.

The next stop was a visit to Sun Yat Sen University in Canton. "The typical scene when you arrive at any institution, university or factory, is a reception room where you are seated at long tables. You are given hot towels to refresh yourselves and hot green tea. You are then told the history of the institution, its purposes and other items of information," explained Dr. Vineyard. "The picture we got there of the Chinese university life was extensive," he said.

They were told that before the country was socialized in 1949, the universities were for the elite but following the leadership of

Chairman Mao, the Cultural Revolution in the late 1960's changed this. The universities were then made receptive to the immediate needs of the people. The university program was shortened from five or six years to three and a half years and productive work was required along with study. Rather than a formal degree, certificates are given indicating attendance at the university.

Dr. Vineyard described the prerequisites for application to a Chinese university. After middle school, students must spend two years on farms, in the army or in factories. They must be certified from the community unit or commune they come from. This certification is based on the need of that unit for the services of a skilled person. Three other criteria are applied before a person is admitted to a university: political suitability, intellectual capacity and physical condition. "Very interestingly, they stress the necessity for a person to be in good physical condition," said Dr. Vineyard. One third of the students' university time is devoted to 'productive labor' which includes such activities as gathering forage for animals from the university grounds.

The emphasis on good physical condition was quite evident in China. At 6:30 one morning in Shanghai, Dr. Vineyard looked out his hotel window to see people doing calisthenics in the street below.

The group was flown from Canton to Shanghai aboard a new 707 jet. Dr. Goldhaber commented on the varied forms of transportation used by the Chinese people, from modern jets to tricycle-like carts loaded down with vegetables ridden by the workers.

While staying in Shanghai, the group took a day-trip to Hangzhou, a silk manufacturing center. They went for a cruise on West Lake, the famous watering place for (Continued on page 2)

Medical Insurance For Dependent Students

Children of Laboratory employees are regularly covered under the employee's Family Medical Insurance Plan until the December 31st following their nineteenth birthday. Dependent Student Coverage is available for a child over age nineteen provided he is attending school on a full time basis and provided the employee applies for the coverage.

If there is a full time student in your family who will reach age 19 this year, be sure to apply for Dependent Student Coverage on his behalf as soon as possible. There is no additional premium required to obtain this coverage.

Application can be made at Personnel Services, 58 Brookhaven Avenue. Further information can be obtained by calling Extension 2877.

Employees with children who are no longer eligible for Dependent Student Coverage, should notify Personnel Services immediately.

Congressman-Elect Tours Lab



Tom Downey (right), Congressman-Elect from the 2nd Congressional District, listens to a description of the High Flux Beam Reactor provided by Mike Brooks, Reactor. Downey, who at 25 will be the youngest representative in Congress, toured the Lab for several hours on Tuesday.

(More photos on Page 3)

China (Continued)
bygone emperors and nobility. They also visited a silk factory where they were shown the process for making silk from boiling the cocoon to actually weaving the fabric. According to Dr. Goldhaber, the flags in the People's Republic of China are made of this beautiful silk.

From Shanghai, the next stop was Peking. Here they visited the Forbidden City, the old home of the emperor and his family. Most of the traffic on the city's wide streets is bicycles and buses. While in Peking they visited Peking University and Tsing Hua University, sometimes called the MIT of China. It was at the latter university where students revolted in 1966 and began the Cultural Revolution, said Dr. Vineyard.

In Peking they were invited to a huge banquet, held at the Great Hall of the People and presided over by Chou En Lai. The banquet was in honor of National Day, the anniversary of the Revolution. This year was particularly significant because it marked the 25th anniversary, Dr. Vineyard explained.

The group had a chance to walk along

the Great Wall of China. "One has to be impressed with this immense wall which is three to four thousand miles long and was built over 2000 years ago to protect northern China from the Mongolians," Dr. Vineyard said.

In summing up his impressions of China, Dr. Vineyard said, "It is a most fascinating place to visit and there are many, many heartwarming things that one sees. To one used to the luxuries of the West, one would feel that it is a hard life. Obviously, it is a country in which great things are happening and where much change can occur very rapidly."

Touring at a tremendous pace, the group visited six major cities, four universities, four research institutes, about 15 stores, a silk and a cotton factory, a steel mill, handicrafts and ceramics factories, four hospitals, two people's communes, a worker's village, a street commune, a deaf mute school, two kindergartens, one middle school, a primary school and "at least 450 historical sites." In Dr. Vineyard's words, "We were always moving and the Chinese were extremely hospitable."

Medical Service Awards



Members of Brookhaven's Medical Department were presented with Service Awards by Department Chairman Eugene P. Cronkite. Left to right are Dr. Knud Knudsen, 10 years; Dr. Cronkite; Martha Hill, 25 years; Dr. Darrel Joel, 10 years; and John Heinrichs, 10 years.



A view of busy downtown Shanghai taken from a 20-story tower. The river is a branch of another which enters the Yangtze that flows into the sea. Shanghai is the largest city in China and a major seaport.



During the October 1 National Day festivities, a group of ribboned children watch a performance of "The Red Detachment of Women," one of the famous Chinese ballet operas. The story is of a peasant girl who has escaped from a cruel landlord. The hero, a handsome young man, is trying to help her escape but she is suspicious of him. Eventually he gains her confidence and the story continues from there.



In Peking, the Tien An Men Gate (gate of heavenly peace) welcomes visitors to the Forbidden City, the home of past emperors and their families. One of the major modes of transportation in the People's Republic of China is the bicycle.

SUNY Courses Offered At Bellport High

Graduate students and non-matriculating adults will again have the opportunity to take Stony Brook University courses at Bellport High School via video tape. The present courses of "Computer Literacy" and "Socio-Technological Problems" will be offered again in the Spring Session. Courses will be held at the Bellport High School on a three-hour, once-a-week basis beginning in late January. Three graduate credits are given by the University on the successful completion of each course. At present, 29 adults are enrolled in the two courses. This is a unique opportunity to participate in a model program to make education more accessible to people in their own communities.

Interested persons may obtain further information by calling Paula Shore, 475-5167 or Sy Osterer 289-5505, before November 30.

Graduate Record Exam

For those who have inquired about the Graduate Record Exam (GRE), information is now available at the Office of Scientific Personnel, 40 Brookhaven Avenue.

Final Results of BNL/SLAC Race

The BNL/SLAC Race was won by SLAC. The results were based on an age adjustment factor, which determined the speed index. The winner was simply the team with the largest speed index (S).

The final score was SLAC: S = 0.9386, BNL: S = 0.9039. The SLAC team consisted of 6 men whose times are given below. Also shown are the respective speed indices for both BNL and SLAC. According to this method of scoring, BNL's Don MacKenzie was the overall winner.

Place	Name	Speed Index
SLAC Score		
1	O. Delly	1.1274
2	K. Moore	0.9831
3	G. Putallaz	0.9122
4	W. Divito	0.8848
5	C. Hoard	0.8820
6	A. Gallegos	0.8418
BNL Score		
1	D.R. MacKenzie	1.1294
2	M. Horovitz	1.1037
3	V. Racaniello	1.0358
4	A. J. McNerney	0.9725
5	A. Scott	0.8727
6	J.C. Norvell	0.8691
7	P. Kupferman	0.8441
8	W. Piel	0.8151
9	B. Tucker	0.7824
10	W. Thomlinson	0.7786
11	R. Bari	0.7396

SLAC is interested in another BNL/SLAC Challenge Race, but this time against the BNL bicyclists. More information about this race will be published at a later date.

Arrivals & Departures

Arrivals

Masashi Iizumi.....Physics
Michael Marmor.....DAS
Martin S. Thomas.....HP&S

Departures

None.

In Memoriam

Raymond Collura, a retired Carpenter who began work at Brookhaven on May 20, 1947, died on November 12, 1974.

Selected Reading

- Endeavour 33, September 1974
Science in China. Editorial. 110
- Sat. Rev. World 2, November 2, 1974
The all-too-human enterprise called science. A. Rosenfeld. 59
- The roots of serendipity. J.H. Austin. 60-4
- Studying the lunar-rock scientist. I.I. Mitroff. 64-5
- Science 186, November 1, 1974
Energy: Ford Foundation study urges action on conservation. A.L. Hammond. 426+
- A "White Paper" for energy conservation. L.J. Carter. 427
- Ind. Res. 16, October 1974
Dr. Chien Shiung Wu is honored by Industrial Research as the 1974 Scientist of the Year. 29-30
- New Sci. 64, October 3, 1974
The Nobel experience:
The decision-makers. F. Schiamanski. 10-13
Life at the top. M. Sherwood. 13-17



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Letters To The Editor

Dear Sir:
Thank you for your coverage in printing pictures of several typical specimens of homo sapiens in recent editions of the Bulletin.
As a history buff, I find the use of newspapers an invaluable source of information that is reliable. Also, newspapers are dated, so that the legacy of our heritage is well documented for particular study of particular times. Moreover, I suggest that your paper should be an ideal candidate for a 1976 bicentennial time capsule, so I am requesting that the specific editions carrying pictures of typical homo sapiens be donated for such a time capsule, particularly in view of their relevance to the date when the metric system was adopted in the U.S.A.
One could name many other well established uses for your editions carrying pictures of two such typical specimens, and these uses comprise scientific, historical, legal, sociological, etc., so to say that they are the result of a sexist myth or male chauvinism alone, is to miss by a large measure the true meaning of science, research, knowledge, and freedom of the press.

Veritas Vos Liberabit

Bowling News

Grace Fales

Red League

After nine weeks, Lucky Strikes continue to lead the league, followed closely by the Charlie Browns. High games for the night were F. Short 215, B. Buzzeo 211/210, R. Larsen 216, and J. Scesy 201.

Green League

200's for the night were D. Stelmaschuk 210, A. Dick 205, W. Kollmer 223, J. Cain 206, G. Guydish 212, R. Marlow 206/223/612 scratch/711 gross series, earning his Club Awards, and C. Zavesky 222.

Pink League

A. Bangel 196/651 gross series, H. Caisey 184, G. Fales 180, and J. Gazzola 172.

Black and Blue League

Happy Birthday to Rosalie! We all enjoyed the cake, icing included. Going into position night, the "Good Guys" are 3 points ahead of the second place AR's. High games for 11/6: Frank Costello 215, Joe Mayeski 212, Lew Jacobson 201, Kit D'Ambrosio 193/161, Pat Lebitski 186, Mary Austin 177, Wilma Eriksen 173, Ellie Murgatroyd 166, Jean Sells 162. The pots were won by Pat Lebitski 243, and Joe Mayeski 241.

Annual Rainbow Tournament - 1974

Once again the Bowling Board Officers and Secretaries were matched up to battle each other on the bowling lanes. Bowling for the Officers were Marge Stoeckel, Rosalie Piccione and George Speidell. Bowling for the Secretaries were Fred Hohmann, George Guydish and Lew Jacobson. The Secy's took the 1st game 495 to 455. The Officers rumbled back to win the next game 502 to 465. Before the start of the 3rd game, Fred called a special Sec'y meeting. Contrary to belief, the meeting was to discuss bowling strategy for the 3rd game and had nothing to do with the waitresses, whether to buy a pitcher or not, or about the blonde in the mini 6 lanes to the west. In the 3rd game Marge continued to smile, Rosie continued to perspire and George Speidell continued to criticize his bowling. The Secy's continued to keep cool as Lew led off with a 5 timer. Final score Secy's 572, Officers 529. Final match score, Secy's 5, Officers 2. High game for the gals was Rosie's 193 and for the guys, George Guydish 212. Lew rolled a solid 533 series. Rosie left her cigarettes and lighter for the sweeper. Many thanks to Ed Arnold for an enjoyable 1974 Rainbow Tournament.

Mountain Club

About 20 members of the BNL Mountain Club were on hand for the November meeting.

A trip to the "Gunks" is planned for the November 23rd weekend for a day or two of climbing. If the weather proves too cold for climbing we will do some hiking instead. The Club has all the necessary equipment for climbing and there are some experienced climbers coming to provide some instruction. Marvin Rorich is the organization man for this outing so if you are interested in coming along give him a call at extension 3576.

Our next meeting will be held on December 4th at 8:00 p.m. in the Recreation Building.

Co-Ed Volleyball

How were your fingers and hands feeling last Tuesday? Ask the Playmates and the Nuts & Bolts. Co-ed Volleyball is here !!! Every Monday evening after work, teams meet in the gym ready to show their skill by playing volleyball.

Last Monday evening the Playmates met with the Nuts & Bolts to play 3 games. (In case you don't know much about volleyball, it takes 21 points to win a game).

Before last Monday's game the Nuts & Bolts were 2 and 1 (2 wins and 1 loss), after their 3 games they were 4 and 2. The Nuts & Bolts played 2 great games with defensive work by Ken Ellis, Ken Sutter, Lindora Boyd, must I go on, the whole team was great. But after 2 such great games of course there had to be a turning point. The Playmates sensed the fatigue of their opponents and started to work on them. The Nuts & Bolts were caught off guard several times by the serve from the Playmates, they didn't set-up the ball as they had done in their previous games and a few times they couldn't even get the ball over the net. Even so the Nuts & Bolts have a great team this year especially with Ken Sutter being their captain and manager.
— J. Benbow

Official & Special Events

Monday, November 18

Delegation from The Peoples Republic of China in Plant Photosynthesis

Tuesday, November 19

Low Level Radiation Effects Meeting

Wednesday, November 20

SUNY at Farmingdale Tour

Thursday, November 21

L.I. Bone Metabolism Study Group
Kings College Chemistry Students Tour

Soccer

Ken Batchelor

The BNL Winter Indoor Soccer League will start on Friday, Nov. 15, at 5:30 p.m. in the gymnasium. There is still room for more players on the competing teams so anyone wishing to play should come along on Friday evening or contact one of the following people, Ken Batchelor, Ext. 4592, Dave Juers, Ext. 3396, Ralph Fairchild, Ext. 3649, John McCafferty, Ext. 4592 or John Skalyo, Ext. 2509.

Hunting the Quark



A 1973 aerial view shows the AGS complex, where Brookhaven's research in elementary particles is accomplished.

Smashing matter into ever smaller pieces in an attempt to find its fundamental building blocks has produced a confused nightmare of particles.

One way they can be made sense of is to postulate the existence of the quark - a bizarre entity that could, if it existed, turn out to be the basis of all matter. Trying to find it has turned out to be one of the greatest on-again, off-again mystery stories in science - and one of the most expensive, involving some of the biggest machines in the world.

"The Hunting of the Quark" will be the subject of the next NOVA program, to be shown on Sunday, November 17, at 7:30 p.m. on Channel 13. The same program will be repeated on Tuesday, November 19, at 8:30 p.m. on Channel 21. The program is produced by the British Broadcasting Corporation.

Radio Club Meeting

The next meeting of the Radio Club will be held on Monday, November 18, at 12 noon in Room C, Berkner Hall. On the agenda will be this year's Christmas Party.

Cooking Exchange

Join us November 20 at 12:30 at the Recreation Building for some good New England fare. Plan to be with us to see what's new with clams and cranberries.

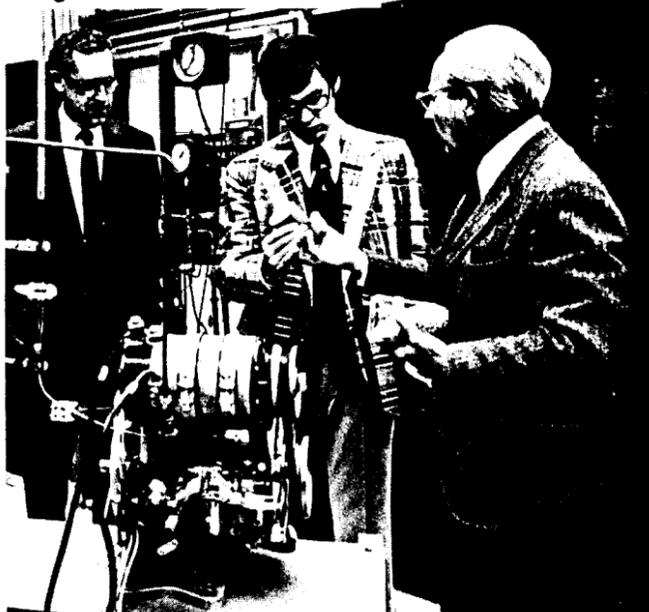
The Christmas Party is December 11. Let us know what you plan to bring - call Rosemary Jewett, Ext. 3089 or Jane Love, 286-1136. The cost is \$1.00 per person, and ladies, please bring your husband. The time is 5 to 7 p.m. at the Recreation Building. Babysitters will be provided at a charge of 25¢ per child.

Bring a savory or a sweet and let us know what your're bringing by December 7.

BNL Camping Club

The next regular meeting of the club is scheduled for November 21 at 8:00 p.m. at the Rec Hall. An interesting program is planned which will include a movie on the history of railroading. All are welcome. Any questions concerning the club or its activities, please call Peter Fennelly, Ext. 3254.

Congressman-Elect Tours Lab



DAS Chairman Warren Winsche (right) explains to Downey how a Wankel engine (foreground) can be run on hydrogen. Looking on is Laboratory Director George Vineyard.



Louis Stang, DAS, shows Downey around the Brookhaven Linear Isotope Producer (BLIP) Facility. Leland Haworth and Associate Director Victor Bond (partially hidden) stand nearby.



Dr. Harold Atkins shows Downey organ images obtained in the nuclear medicine research program. Associate Director Victor Bond looks on.



Max Small, Plant Engineering, takes Downey on a tour of the Spray Irrigation Project. Accompanying them is Associate Director Victor Bond (right).

Cafeteria Menu

Week Ending November 22, 1974

Monday, November 18	
Cream of Tomato	
Cheese Omelet & 1 Veg.	.95
Breaded Pork Chop & 1 Veg.	1.20
Tuesday, November 19	
Vegetable Beef Soup	
Meat Loaf & 1 Veg.	1.05
Baked Macaroni & 1 Veg.	1.00
Wednesday, November 20	
Chicken Rice Soup	
Broiled Filet of Cod & 1 Veg.	1.05

Thanksgiving Special

Turkey Noodle Soup or Apple Juice
Choice of

Breast of Turkey with Dressing
Giblet Gravy & Cranberry Sauce

or

Baked Sugar Cured Ham with
Candied Sweet Potatoes or Whipped Potatoes
Mashed Yellow Turnips or Mixed Vegetables

Choice of Pie

Small Beverage

\$1.87 + Tax

Thursday, November 21	
Navy Bean Soup	
Beef Hash w/Gravy & 1 Veg.	1.00
Fried Chicken & 1 Veg.	1.05
Friday, November 22	
Manhattan Clam Chowder	
Fish & Chips	1.00
Roast Sirloin & 1 Veg.	1.20

Classified Advertisements

Placement Notices

Each week the Personnel Office 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 through the Personnel Office. 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, or to request consideration for an available position, contact Supervisor, Personnel Placement & Development, extension 2874 or 2882.

CARPENTER APPRENTICE (1) - Plant Engineering. Application deadline: December 6, 1974. Applications and additional information available at Personnel Office.

ELECTRICIAN APPRENTICE (1) - Plant Engineering. Application deadline: December 6, 1974. Applications and additional information available at Personnel Office.

REFRIG & AIR CONDITIONING APPRENTICE (2) - Plant Engineering. Application deadline: December 6, 1974. Applications and additional information available at Personnel Office.

MACHINIST APPRENTICE (2) - Central Shops. Application deadline: December 6, 1974. Applications and additional information available at Personnel Office.

45. **KEYPUNCH OPERATOR** - Part time evening shift. Applied Mathematics Department.

46. **NUCLEAR ENGINEERING ASSOCIATE** - Department of Applied Science.

Autos & Auto Supplies

69 CHEVY KINGSWOOD ESTATE WAGON - Air cond, ps/pb, rear elec window, V8. Asking \$895. 727-1329.

64 OLDS DYNAMIC 88 - Runs well, good rubber. \$125. Ext. 3332, 929-8642 after 6.

74 VEGA - GT Hatchback, used very little, air cond, low mileage, must sell, moving. 588-4703 after 5.

69 VW SQUAREBACK - Auto trans, good tires, new brakes, rebuilt eng. 289-3351.

2 STUDDER SNOW TIRES - Mounted on rims, excel cond, 7.75x14, fit Plymouth. \$15 ea. Jack, Ext. 4445/4447; Joan, 744-3919.

USED TIRES & RECAPS - Most sizes. Ken, 289-8212 eves.

VW SAPPHIRE V - AM radio, solid state, 12v neg gnd, 5 push buttons, chrome bracket. \$20. Ext. 058, 286-0436.

72 TOYOTA MARK II - 6 cyl, dk green, mint cond, many extras, must sell-sailing for Europe. \$2350/best offer. 475-8728.

73 SUBARU STATION WAGON - 27 mpg, 20,000 mi, front w/d, excel cond. 878-1895 after 6.

70 GREMLIN - Good running cond. \$1000. 281-3977.

64 CHEVY WAGON - 9 psgr, 283, auto trans, good body, good running cond. \$200 or best offer. Ext. 2483, 473-7906.

TIRE - 6.50x16 6-ply recap, never used. \$12. Staron, Ext. 4278.

68 AMC REBEL - 6 cyl, auto trans, ps, r/h, eng & running gear excel, needs 1 fender, call, look, offer. Ext. 3120, 475-4897.

FOR FORD LINE - 2-14" rims w/mounted used 6.95x14 snows. \$20. 744-9411 after 5:30.

64 BUICK SKYLARK - V6, std shift, 2 extra rims. \$100 or offer. Karin, Ext. 4398.

2-15" RIMS - 5 holes, \$10; 2-13" rims, 5 holes, \$7; 2-14" rims, 5 holes, \$8. O. Booker, Ext. 4719.

TIRES - Used snows, 8.25x15 & 7.85x15; regular tire 8.25x14; 2-5 hole 13" rims. H. Susskind, Ext. 4465/4461.

65 PONTIAC TEMPEST CONV - Gas saver, excel cond. 981-5993 after 6.

2 SNOW TIRES - Mounted on Chrysler wheels, used 1 season. \$40/both. C. Porcaro, Ext. 4679.

AIR FILTER - Lee AFL-52, for Chrysler Corp 6 cyl 1960-72. \$1.75. Joe, Ext. 4640.

71 TOYOTA COROLLA - Great body but needs ring job. Ext. 3527.

TIRES - 2 never used retreads (snows) 7.75x15, mounted on wheels, fits VW camper. \$15 ea, \$25/both. Ext. 3535, 929-6787.

AUTO-TOP LUGGAGE CARRIER - \$10. O.E. Dwyer, Ext. 4491, 929-4624 after 6.

HEADERS FOR 40 HP VW - \$35; "All Pro" DC timing light, never used, & compression tester, both/\$25. 289-9295 eves.

TIRES - 7.00x13 recaps, never used. Ken, Ext. 4407.

71 VEGA - Hatchback, 60,000 mi, 4 spd manual, radio, new brakes & exhaust, 2 snows on rims. \$1000. Ext. 3752, 744-9699.

Boats & Marine Supplies

OUTBOARD MOTOR - Sears 7 1/2 hp, 3 1/2 gal tank, forward-reverse, 4 life preservers incl, used 68 hrs. \$75. 475-8658 after 7.

KAYAK - Klepper "Aerius" 17' foldboat, fully equipped for sailing, touring, whitewater, excel cond. \$450. F. Paffrath, Ext. 4407, 864-1214.

40 HP EVINRUDE - Motor all rebuilt, good cond, sold boat. \$125. B. DiDio, 286-0372.

Miscellaneous

ORLON YARN - All colors, will deliver to Lab or pick up at my home. \$2.50/lb. Ann, Ext. 3142, 732-9384.

BABY ITEMS - Going out of business sale, you name it-we've got it, either free or low price. 473-2473.

PICKUP CAP - For 8' bed, built-in windows & lights, excel cond. \$200. Bud, Ext. 3082.

CAR COATS - Like new; size 9 gray, \$10; size 18, fur collar, tweed, \$7. E. Reilly, 286-1192 after 6.

OLD SILVER MUSIC BOX - Excel cond, inside red velvet. \$10. I. Merritt, LT9-5126.

RABBITS - Fancy dutch show rabbits, well marked. \$5 ea, male or female. F. Paffrath, Ext. 4407.

ICE SKATES - Boy's size 5, Sheffield steel blades, Canadian Rocket by American Shoe Co, used twice. \$10. 475-8658 after 7.

WEIGHT LIFTING SET - 14 weights, 90# & 68# bar bell & 15" dumb bell, by Spartan Indus & almost new. \$15. 475-8658 after 7.

24" GIRL'S BICYCLE - Rollfast, flowered banana seat, hot pink w/basket, excel cond. 732-2668.

PORTABLE MAGNUS ORGAN - Gun rack for 4 guns; wooden magazine rack; make me an offer & it's yours. 732-2668.

MINI BIKE - 1973 Gemini, 80cc, 4 spd, excel cond. Rhodus, Ext. 3284, 924-3522.

STAHL TOOL BOX - For pickup, approx 48"x15"x14". \$20. 475-0002 after 6.

MINI BIKE - W/helmet & shield, good buy, \$125; drums, 4 pcs, like new, w/stool, \$150. V. DiDio, 286-0372.

2 DOG COLLARS - 21" long, never used. \$2 ea. Joyce, Ext. 4060.

HYD CYL & HAND PUMP - Could be used for eng lift. \$35. Hank, Ext. 3499, HR2-0553.

BOY'S CORDUROY PANTS - Size 8, wide wale warm Mann pants, practically new. \$3 (\$10 new). 286-3742.

LESLIE TONE CABINET - Mod 147, 200w, w/Fischer reverb. \$400, will deliver locally, Ext. 4058, 286-0436.

CARPETING - 12'x24', royal blue, 100% wool, very good cond. \$125. 698-7178 after 6.

LG BED - Dresser, vanity, bench & nite table, beautiful set, reasonable; also extra dressers & beds reasonable. Charley, 281-5385.

GILSON COMPOST GRINDER - Model 4254, 5 hp Briggs & Stratton eng, orig cost \$209.95 + tax, used once-asking \$175. G. Leuchner, Ext. 3260.

DINETTE SET - Table, 4 chairs, 2 leaves, all formica, excel cond. \$25. 979-0650.

STURDY PETERSEN HIGHCHAIR - Upholstered, chrome frame, wood grain tray, foot rest, safety strap, folding, excel. \$15. 475-2595.

8 TRACK TAPES - Brand new, over 200 to choose from. \$3 ea, 2/\$5. C. Nielson, Ext.3935.

SEWING MACHINE IN CABINET - Straight stitch, metal head, self-winding bobbin, forward & reverse lever. Asking \$40. JU4-6019 after 4.

CUSTOM MADE CLUB CHAIR - Avocado green, should be reupholstered. Orig \$229, asking \$15. JU4-6019 after 4.

MAN'S BROWN LEATHER JACKET - 44 long, zip-out lining, like new, reasonable. 744-3567 eves.

LG WAGON - W/racks, for child, good cond, \$12 or best offer; antique radio, \$7; old (78) phono records; TV console, beautiful cabinet, \$5. O. Booker, Ext. 4719.

TAPE RECORDER - Player, Model AKAI, compl w/25 tapes, like new. Howie, Ext. 3531, 727-4363.

2 FT HOLLY HOBBIE DOLLS - Made in time for Christmas; women's bathrobes (S-M-L). Sharon, 924-5482 after 6.

ICE SKATES - Boy's 11, girl's 5, \$8 ea; 4 tray tables, \$8; baby scale, new, \$5; worn rug, 10'x11', \$7. 924-4442.

BEDRM FURN - 3 pc, white. \$75. 286-1213 after 4.

3 PC FRENCH PROV SECTIONAL - Gold & white, ornate glass top coffee & lamp table, like new. 981-5993 after 6.

SOFA BED - W/2 matching chairs, good cond, \$75; blue chest of drawers & metal high chair, make offer. 473-8011.

COCKTAIL TABLE - W/2 matching end tables, used less than 6 mos. \$155. 286-8517 after 5:30.

SWIVEL ROCKER - Red velvet, 4 mos old. \$50. 286-8517 after 5:30.

3 SM OCCASIONAL TABLES - Indoor antique window-shutters; girl's 19" Schwinn bike; Koraku game. 289-0416.

OAK DINETTE TABLE - 6 chairs & china cabinet; pr antique oak chairs w/arms; sm boudoir chair; pine harvest table. 289-0416.

ANDERSON SLIDING WINDOW - 31"x64", new, \$40; alum storm door, 36", \$20; front door, 36", \$10. E. Bihn, LT9-2184.

CHILD'S CHEST - White drawers, walnut sides, \$25; buffet, blk w/white formica top, \$35. E. Bihn, LT9-2184.

MOD LIGHT OAK DESK & CHAIR - \$25; walnut headboard, twin size, \$10. E. Bihn, LT9-2184.

ALUM STORM DOOR - Std 36 1/2x80 1/2 w/return. \$20. Ext. 3121, 744-5261.

FM STEREO TUNER - Fisher model KM-60, tube type, stereo beacon, like new. \$60. Joe, Ext. 3273.

71 CAMPCRAFT - 21' tandem trailer, sleeps 6, fully self contained, lg add-a-room, many extras. \$2850. 587-3192.

SLACKS - Boy's 30W-30L, \$3; jackets size 12-20, \$4-5; antique birdseye bureau, \$35. A. Munsterman, 744-5871.

WHITE VINYL HEADBOARD - King size. \$15. 878-4878.

METAL BEDRM FURN - Mod liv rm furn; elec stove; reasonably priced. Wells, 878-4214, 8-10 pm.

OLD ENGLISH SHEEPDOG PUP - 5 mos old, shots, AKC reg, beautifully marked. Jeff, 929-6398.

3 PC SECTIONAL LIV RM - Coffee table, end table, gold color, extra chair, pole lamp, reasonable. 732-5266 after 5.

PERSIAN LAMB COAT - Blk, full length, size 12-14, very inexpensive. Ext. 4622.

BATH TILE - 25 sq ft American Olean ceramic glazed wall tile, cornflower blue. \$15. Ext. 4622.

DRAPES, LAMPS - For liv rm & den, call for description & size. Ext. 4622.

TAPPAN FROSTLESS REFRIG - W/freezer bottom, \$75. J. Zahra, Ext. 4667/4634.

TAPPAN GAS RANGE - Mint cond, coppertone. \$125. J. Zahra, Ext. 4667/4634.

SINGER PWR SEWING MACHINE - \$75. 281-5357, 9-4.

FIREPLACE ENSEMBLE - Compl, brand new. Asking \$45. Ext. 2618, 928-6032 eves.

TROPHY CASE - Hardwood, glass door, 3 shelves, 30x34x7. \$15. Al, Ext. 3535.

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

MILLER PLACE - 1/2 acre, very wooded, 4 bedrm high ranch, patio, greenhouse, playhouse, 2-car garage, low taxes. \$45,000. 473-7667.

MASTIC - 7 rm house, 1/2 acre, fireplace, full bsmt, extras. \$29,000. H. Henck, 281-5626.

MEDFORD - Assume mort, 74 2-bedrm Levitt house, expandable upstairs, all appliances, garage, fully insulated, 1/2 acre, residential area, park, schools, low taxes. Low 30's. Ext. 3986, 289-5245.

MILLER PLACE - 5 bedrm farm ranch, 3 1/2 baths, fam rm w/fireplace, center hall, appliances, only 3 yrs old, 1/2 acre land. \$57,000. 928-2224 after 6.

HANDYMAN'S SPECIAL - 2 story house, mother/daughter, 2 bedrms & tile bath, din rm & kitchen on 2nd floor; 2 bedrms, tile bathrm, liv rm, din rm, kitchen, cedar closet, all lg rms, settle estate. 281-5385.

MASTIC BEACH - Compl landscaped 2 bedrm ranch, full bsmt, s/s, hedges, cyclone fence on 50x100, low taxes, 5 min from beaches, stores, must see. Move in for \$27,000. 281-3655.

For Rent

NEW 2 BEDRM APT - 5 min from Lab, no children. \$250/mo. D. Ierardi, 924-4250 after 6.

SM HOUSE IN RIVERHEAD VILLAGE - Suitable for working couple. \$150/mo + util. 727-4363 after 6.

TRAVEL TRAILER OWNERS - Vermont vacation season spot, avail util on 10 acres, 10 min to Okemo Mt & 7 other ski areas. 473-8186.

VERMONT VACATION - 3 bedrm mobile home w/ fireplace, 10 acres, 10 min to Okemo Mt, close to 7 other major ski areas. 473-8186.

MEDFORD - 2 bedrm house in residential area, full appliances, garage, extra storage area. \$275/mo. 289-5245 after 6.

Wanted

TRAILER FOR 17' BOAT - C.F. Daniels, 281-6692.

FREEZER - Chest type, can be in need of repair & inexpensive. Phil, Ext. 4112 after 6 or 751-7611.

SM LPG TANK - 10-20 lb for camper. Ext. 4058, 286-0436.

MOTORCYCLE FRAME - For front end & parts, w/o eng OK. Ext. 4058, 286-0436.

BOY SCOUT UNIFORM - Waist 28" (size 14-16). Ext. 2476, 751-2149.

CASTRO CONVERTIBLE - Or hide-a-bed. 289-8066.

EXERCISE BICYCLE & EXERCISE ROWER - Good cond. Jim, Ext. 2434, 744-3792.

FEMALE BOWLER - BNL mixed league, Pt Jeff Bowl, Wed nites. Lew, Ext. 2462.

BABYSITTER - 3days/wk, 8:30-5, preferably my home (Coram area). Sue, 698-8611.

SNOWS - 2 VW 6.85x15 or 7.75x15, mounted, reasonable, must be in good cond. Earl, Ext. 4028, 586-5574.

DOGSITTER - Friendly Old English Sheepdog seeks companionship Nov 21-31. 929-8398.

CLARINET - In good cond. Woodwell, 286-0798.

GENEROUS PARENTS - To donate outgrown Cub or Webelo Scout uniforms for less fortunate boys in Pack 9, Brookhaven. 286-1011.

JUNIOR GIRL SCOUT UNIFORM - Size 12, new style. Margie, 281-1169.

Carpools

DRIVER WANTED - To compl 5-man carpool from Huntington. Irv, Ext. 4581; Frank, Ext. 3270.

BAYPORT - Need 5th driver for existing carpool. Jerry, Ext. 3434, 472-1097.

VW OWNER - Wishes to join carpool in St. James area, Woodlawn area to Bldg 197. Tom, Ext. 2902.

Lost & Found

LOST IN GYM - 11/6/74, gold wedding band, inscribed LBL to DLM 8/22/70. D. Miller, Ext. 3527.

Services

CROCHET - Anything you want, taking orders now for Dec delivery. Ray, 878-2486.

FAST, EXPERT HOME TYPING - Manuscripts, term paper, theses, etc. L. Schomber, 929-6865.

SHEETROCKING - Quality work, reasonable prices. John, 286-0796 after 5.

TREE REMOVAL & CHAIN SAW WORK - Experienced, free estimates. Ken, 289-8212 eves.

OAK FIREPLACE LOGS - Well seasoned, delivered. Ken, 289-8212 eves.

CORDWOOD - Delivered, split & stacked. \$55/cord. 286-0796 after 5.

FISHERMEN - Do you want your catch deliciously smoked? 744-9411 after 5:30.

VW & FOREIGN CAR OWNERS - Do you have problems but keep getting taken? I'll beat any estimate. Compl rebuilt engines, guaranteed. Mark, 277-3325.

TREE SERVICE - Removal, topping, cabling, pruning, chain saw work, estimates. 727-1329.

OAK CORD WOOD - Seasoned, split & delivered. \$70/cord, \$40/1/2 cord. 727-1329.

HOUSE/APT SITTING - Exp w/both H/A sitting & w/ taking care of animals. Going away? available, no fee, refer. Bob, Ext. 3725 after 4.

PLUMBING - Alterations, repairs & new work, lic & insured. 732-1913 after 5.

WIN - 30 mpg/100 mph, discover flying, introduction to flight, FAA Cert FPC \$5/1/2 hr. Arn, Ext. 4719.

OAK FIREWOOD - Split, delivered, stacked. Full cord \$70. Richie, 588-5221.

HAVE TRUCK - Odd jobs done, cellars, attics, yards cleaned, estimates. 727-1329.

Classified Ad Policy

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

- The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
- All items for sale or rent must be the advertiser's property.
- Ads for material acquired for resale in association with a full or part-time business cannot be accepted.