



Senior staff members of Brookhaven National Laboratory gather in Berkner Hall to listen to Dr. Maurice Goldhaber discuss recent events and their impact on Brookhaven's future.

Director Talks To Senior Staff



Dr. Goldhaber uses a slide to explain some budget figures to the audience.

Laboratory Director Discusses Developments In Budget, Research, and Employment

Before a capacity audience of senior staff members in Berkner Hall on March 24, Dr. Maurice Goldhaber, Director of BNL, discussed recent events and future prospects for Brookhaven. The editor of the *Bulletin* made a tape recording of Dr. Goldhaber's remarks.

"Last year I talked to all the staff in three sessions in the theatre; it seemed worth trying something different this year: a talk to the senior people at the Lab. You may remember last year I had to announce a lot of organizational changes. During this year there are far fewer and I want to mention two important ones. One, the new manager of the local AEC Area Office is Mr. Lyman Bryan. Secondly, I have a new Assistant to the Director, Mr. Peter Chen,



Peter Chen

who will help us in our endeavor to see that at all times the rights and sensitivities of all minorities at the Lab are respected.

Staff Reductions

Well, let me now come to some statements about dollars which are the most unhappy ones in my talk today. As you know, our operating budget for the coming year has been reduced from what it was last year. In rough figures we had 47.24 million dollars in Fiscal '71. In the Presidential budget for Fiscal '72 - the fiscal year that ends July 1, 1972 - we have only 46.45. Thus, we have lost approximately .8 million dollars.

If you translate this figure into the number of people who would be supported by this money, taking into account that some money would have gone to materials and

supplies and so on, this means a reduction in staff by 42 persons. We also have the very special situation that this year the AGS Conversion is getting close to completion and that a number of people who were supported by construction funds will not be supported much longer on these funds, and therefore we unfortunately had to give notice to a large number of people connected with that project. The reduction there is approximately equivalent to 112 persons.

A third source over which we have little control, which forces on us a loss of money and therefore a loss of people, is an increase in the cost of heating fuel, electric power, social security, the newly-required unemployment insurance, and an increase in the medical insurance cost; all together this is approximately half a million dollars, which is equivalent to 35 persons. Thus, whatever else we do the situation forces us to reduce the staff by 189 people. I think it is well to understand this: we have hardly any choice as far as these effects are concerned.

Wage Adjustments

Now, as you know, we have some choice whether or not we give salary increases. This is a conflicting responsibility, and many plans were discussed in great detail. We must on the one hand minimize the size of the layoff and on the other simultaneously provide our remaining employees with increases which at least partially offset the erosion due to inflation. Our salary increase policy for this year is a compromise dictated by these problems. As a consequence, this year's salary increases will be somewhat less than last year's. In addition, the time schedule for the increases will be deferred for some employees.

Wage employees will receive an increase effective July 5, at the end of the first week in July. Salary increases for senior staff members will be deferred until January 1, 1972, and increases for other monthly employee groups are to be deferred until some time between July and January. Since the wage and salary budget is about 80% of our total budget, these deferments in salary increase will save about half a million dollars, and in this way will save some people.

Employment Prospects

We are all concerned about the people who are losing their jobs this year, and you might like to know what happened last year. Last year, we had to separate 139 employees involuntarily. Of these, 90% informed us in the fall that they had succeeded in finding other employment. We did not hear from the other 10%, and we do not know exactly what happened.

This year, the original estimate of a total of 250 employees to be terminated through June '71 has thus far been reduced to 205 involuntary terminations. This has been accomplished by some internal transfers of affected employees to other BNL positions, by last-minute funding in some special cases, and by a number of employees whose voluntary terminations have permitted the retention of employees scheduled for layoff.

Unfortunately we shall also not be able to renew the appointments of a number of scientists whose terms expire this year or fill vacated scientific positions. Because the reduction is planned to carry through to June of this year, we hope that the scheduled number of involuntary terminations will continue to be reduced.

Among the things being done to assist our employees in job relocation is a periodic solicitation of some 50 companies. Thus far, these contacts have resulted in over 60 job openings which have been made available to us. Last week, the New York State Employment Services conducted onsite interviews of over 40 non-professional employees.

Additional interviews have and will continue to be conducted by engineering placement services in several companies who are recruiting applicants in such areas

as engineering, programming and chemistry. A small number of people have already been placed, and we hope to have better statistics later in the year.

Administration Efforts

After receiving the bad budget news we first of all tried right away to contact people in Washington in the AEC and elsewhere who have an influence on these budgets, to see what help we could get. We received some restoration of budgets. One of the people we saw was Dr. Edward David, the President's Science Advisor, and the one encouraging thing which we brought back from that visit was his impression that both the President and Congress realize that science in this country has been held back too much. I think, coming from this source, this gives us some hope for the long-range future for all scientific endeavors.

Dr. David also stressed that he realizes the importance of multidisciplinary labs as a national resource. In many other places in Washington, including Congress, the use of national labs is being discussed, and we will have to watch these discussions and try to have an important input into them.

The budget reductions are to some extent due to very specific causes, which we hope will not repeat. In spite of these, a positive attitude towards Brookhaven can be discerned. Were it not for the near completion of the AGS Conversion, were it not for the fact that it was decided in Washington a year ago to concentrate the Reactor Development Program in a few places of which Brookhaven is not one, and which gave us a very large loss last year and a second loss this year, were it not

(Continued on page 2)

First Twenty-Five Year Award



Mariette Kuper, who reached her twenty-fifth year with Brookhaven on March 27, was awarded a certificate commemorating the event in a ceremony in the office of Laboratory Director Maurice Goldhaber (right). Witnessing the event were Dr. Leland Haworth (left), Special Consultant to the Director, and Dr. Gerald Tape (standing rear), President of AUI. A scroll presented to Mrs. Kuper read "... who for twenty-five years has brought to Brookhaven National Laboratory imagination, intelligence, and an infinite capacity for taking pains, and who has demonstrated that while no man is indispensable - one woman can be!"

- Rosen

Budget Message (Continued)

for these two special situations, we have not fared as badly as the AEC as a whole.

However, the new facilities, in particular the improved AGS and the Tandem Van de Graaff, place additional demands on our budget. In order to operate these machines for the benefit of the scientific community as a whole we have had to make considerable sacrifices. Our good work of the past has not been forgotten, and our future depends on continued good work.

Grants Increasing

If we read between the lines, we can say we have perhaps taken our hardest lumps by this year. We do not see, barring very major catastrophes to the AEC budget, any threat to the other programs on a similar scale. And if it is true that it is realized in Washington that science on the whole has been held back too much, then we may look forward also to getting more support from other agencies, a support which has been rising in the last year or two and which we hope will rise considerably.

We have at present a number of grants from various agencies: NASA, Department of Interior, Department of Transportation, Health, Education and Welfare, and small grants from various other agencies, which in Fiscal 71 added up to 1.8 million dollars. We already have assurance of about 2.5 million dollars for '72. We hope that this support will continue in the future.

We have not had enough experience with other agencies to know how this so-called "soft money," as some people like to call it, should be treated by us, for how long we can count on it. We have a better feeling of how the AEC treats us, and except for the shocks which we have received occasionally, we have been, on the whole,

reasonably certain of future budgets, at least a year or two ahead.

Besides these pretty assured grants or contracts from other agencies we have plans for several other large applications to different agencies, in which several Departments here are involved. This is not the place to enumerate them in great detail.

If you have good ideas built on existing strength here, where you see a national need, or where you see clearly an improvement in the utilization of our present scientific resources here, discuss these with your chairman and if these ideas are worth pursuing we will aggressively pursue them and hope to get them funded. This does not mean that we would like to become a job shop where everybody will go out on his own to create a new small contract for just a few months. We want to remain the Brookhaven you know; we would like to have well focussed programs on the subjects of high national priority in fields where we have strength to build from, especially considering our success in cooperating with universities; we should try to pull in universities as early as possible in planning programs where it is clear that universities can make a contribution.

Cost Reduction

Now perhaps this is enough about budgets. I would like to give you a few news items which some of you know, some of you don't, and which show that we are making attempts on the one hand to cut costs, on the other hand to still plan ahead to new situations.

Last fall I appointed a Cost Savings Committee consisting of Drs. Vineyard, Rau, and Bond, and Messrs. Grahn and O'Leary to review with the Department Chairmen and Division managers all the

various aspects of the Laboratory's operations and methods of doing business in an attempt to find more efficient and more effective methods and techniques to operate the Laboratory. One of the principal areas of their investigation was the utilization of building space.

The amount of space occupied by the various departments at this time is approximately 2.8 million square feet, and this has not changed much over the last few years, though there have been decreases, as you know, in the number of staff. So this was looked into carefully and whatever savings can be made are being made.

The anticipated savings from shutting down various buildings and laboratories were compared to the cost of relocating the activity to other space, and in some cases this was not found to justify such a move. A lot of work went into this and is still proceeding. Examples of some of the steps which are now underway are shutting down the laboratories of the east and west wings of the graphite reactor, relocating the chemistry stockroom from Building T-194 to Building T-86, relocating the Febtron (a small electron accelerator) and the health physics laboratory which are now in the old chemistry complex, and moving the electron beam welder from the large engineering lab in T-197.

Other moves are being studied. A number of other results of this study have been implemented, many producing what would appear to be minor savings but which when added will have the effect of saving jobs: such things as tightening the control on overtime, reducing the number of motor vehicles operated on site, reducing the number of telephone instruments, extensions, etc., and placing all of the janitorial staff on the day shift. I hope you will get used to it and switch off the lights yourselves. The amount which can be saved this way is not negligible.

There are still a number of items under consideration or in the process of implementation. The most important contribution, however, comes from you, the individual supervisor, to make sure that we are getting maximum utilization of all of our staff, that all purchases are absolutely necessary, that travel is held to a minimum, and that the sick leave benefit is not abused. Perhaps this is enough exhortation. I know that you don't need it in these difficult days but occasionally it's good to touch on some of these points.



Entrance to the North Tract of Brookhaven on Jericho Turnpike.

There is one other piece of negative news, which some of you may have heard as a rumor. Today we were informed that our North Site has been declared surplus, and we do not yet know what the fate of the Site will be.

(Note: A subsequent story in the newspapers stated that the White House would issue an announcement in the near future regarding federally owned properties on Long Island.)

25-Year Observance

This year it is 25 years since AUI was created; later in the year it will be 25 years since the first Director of Brookhaven was appointed, and about a year from now it will be 25 years since the site was opened up here. In order to commemorate these events, the Board of AUI has decided to have an observance here in the middle of October to coincide with the Board Meeting; we should like to have a scientific symposium at that time.

Well, I hope you get out of this talk the conviction that our reputation is great; we have been treated by the AEC as well as we could expect under the circumstances, I believe. They have not forgotten that we have made great contributions and the best we can do for the future is to continue to do excellent work rather than just to bemoan the present situation.

I think more and more in the whole country only high quality work will be supported as money gets shorter. We should remember this and should also re-

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Arrivals & Departures

Arrivals	—None
Departures	Accelerator
John Boruch, Jr.	George P. Linkh
Frank T. Kulesa	
	Applied Science
John J. Loper	
	Chemistry
John G. Brooks	
	Mech. Engrg.
William J. Abramo	Leonard A. Baker, Jr.
Eugene T. Adams	Frederick H. Vohwinkel
	Medical
Alexander R. Nicholson, Jr.	
	Personnel
Robert Eberbach	
	Physics
Brian Buck	Joan de R. Whaley
	P.E.P.
Richard H. Redden	

Selected Reading

- Impact Sci. Soc. 20, October-December 1970
The prolongation of vigorous life. A. Comfort. 307-19
- The transfer of learning: Where we stand. S.C. Ratner. 321-32
- Bio-engineering: The body as machine. J.G. Truxal and L. Braun. 333-48
- Robots that are extensions of man. R.S. Mosher. 349-61
- Columbia Univ. Forum 13, No. 4, 1970
Why politicians don't listen to scientists anymore. D.S. Greenberg. 14-17
- They had forgotten how to laugh and how to pray. W.H. Auden. 46-8
- Science 171, March 26, 1971
A reviving FAS battles AMB, scientists' apathy. D. Shapley. 1224-7
- New Scientist & Sci. J. 49, March 11, 1971
Autopsy on science. T. Roszak. 536-38
- Am. Scientist 59, March-April 1971
A program to coordinate environmental research. R. Bowers, P. Hohenberg, G. Likens, W. Lynn, D. Nelkin and M. Nelkin. 183-7
- Eng. Sci. 34, January 1971
Trend is not destiny. R. Dubos. 5-10
- Search 1, December 1970
Moral responsibilities and scientists. S.C. Hill. 328-31

Service Awards — April

	20 Year
Dwyer, Orrington E.	DAS
German, Dorothy K.	I & HP
Gianlombardo, Peter S.	Supply & Mater.
Godel, Julius B.	Mech. Eng'g.
Hulse, Clifton P.	Security
McLaughlin, Bernard	Accelerator
Schiro, Lawrence	Central Shops
Smith, Ronald	AGS
	10 Year
Adamczewski, Mary G.	Plant E & P
Anderson, Stanley A.	Accelerator
Capute, John A.	AGS
Dobzeniecki, Stanley S.	Plant E & P
Hull, Andrew P.	I & HP
Jubenville, Leonore G.	Central Shops
Kallmeyer, Paul R.	Accelerator
Kelly, Nancia	Staff Services
McGrath, James A.	Plant E & P
Melvin, Paul J.	Medical
Olson, John M.	Biology
Quappe, Charles	Fiscal
Winterbottom, Yvonne	Accelerator
York, Walter	Accelerator

member that it is very important to be flexible, to adjust oneself to new needs, to not just continue some work when it becomes routine but to always try to work at some frontier as we have always done in the past.

I firmly believe that the Laboratory is strong, that it has momentum, that it will persist, but it will undergo change and we must dictate that change rather than be a victim of it.

Weekly Calendar

Tuesday, April 13

Medical Department Seminar 3:00 p.m., Seminar Rm., 30 Bell Ave.
Hypertension and Heredity
Knud D. Knudsen, M.D., Medical Department

Wednesday, April 14

Instrumentation Seminar 11:00 a.m., Instrumentation Seminar Rm. 20 N. Technology St.
Properties of High Purity Germanium Radiation Detectors
Jorge Lacer, Instrumentation and Health Physics

Chemistry Seminar 3:30 p.m., Chem. Seminar Rm., 33 Lewis Rd.
Recent Work at Oak Ridge on the Use of Electron Spectroscopy for the Study of Chemical Problems
T.A. Carlson, Oak Ridge National Laboratory

Thursday, April 15

Biology Seminar 11:00 a.m., Biology Library, 50 Bell Ave.
Gene Redundancy and Cell Determination
Reed Flickinger, State University of New York at Buffalo

Applied Science Colloquium 1:30 p.m., Chem. Seminar Rm., 33 Lewis Rd.
Magnetically Suspended and Propelled Trains
J. Powell, Department of Applied Science

Solid State Seminar 1:30 p.m., Sm. Seminar Rm., 20 Penn. St.
Fluctuations and Resistance in One-Dimensional Superconductors
B.I. Halperin, Bell Telephone Laboratories

Particle Physics Seminar 11:00 a.m., Sm. Seminar Rm., 20 Penn. St.
Q Interactions in K+d at 3.8 GeV/c
M. Robinson, University of Illinois

Friday, April 16

Solid State Seminar 11:00 a.m., Sm. Seminar Rm., 20 Penn. St.
Compton Scattering from Simple Metals: Theory
Bengt Lundqvist, Cornell Univ. and Chalmers Tech. Univ.

Nuclear Physics Seminar 2:00 p.m., Sm. Seminar Rm., 20 Penn. St.
Nuclear Investigations with a Neutron Monochromator
Dr. W.R. Kane, Brookhaven National Laboratory

Tuesday, April 20

Medical Department Seminar 3:00 p.m., Seminar Room, 30 Bell Ave.
Regulation of Cholesterol Metabolism in Man
Edward H. Ahrens, M.D., Rockefeller University

Solid State Seminar 1:30 p.m., Sm. Seminar Rm., 20 Penn. St.
Tunneling of Polarized Electrons in Superconductors and Ferromagnets
Dr. Robert Meservey, M.I.T. National Magnet Lab.

Physics Colloquium 3:30 p.m., Seminar Room, 20 Penn. St.
Acausality in Finite Electrodynamics
T. Lawrence Trueman, Brookhaven National Laboratory

Thursday, April 12

Chemistry Seminar 3:30 p.m., Chem. Seminar Rm., 33 Lewis Rd.
Photofragment Spectroscopy
Kent Wilson, University of California, San Diego

Biology Seminar 11:00 a.m., Biology Library, 50 Bell Ave.
Conformational Changes in the Ribosome Associated with the Translocase Reaction
Melvin Simpson, State University of New York at Stony Brook

Friday, April 23

Particle Physics Seminar 11:00 a.m., Seminar Rm., 20 Penn. Ave.
Experimental Program Planned at NAL
J.R. Sanford, National Accelerator Laboratory

Linac Beam Power Supply



One of the last steps necessary before the 200-MeV proton beam from the new linac can be injected into the AGS was performed on April 1st. The power supply used to bend the beam into the AGS was moved into its final position in the injection area. The massive unit weighed over six tons and was placed into a portable building by removing the roof for a day (above left). The floor of the building had been strengthened beforehand. The rigging team of George Oldham (above), George Fogarty, Bert Woods and Tony Russo performed the delicate job without a hitch using BNL's 50-ton crane. One snag arose as the roof began to come apart as it was lifted into position. However, with an assist from Art Rosenka of the welding shop and Ray Reiley of the carpenters shop, all was made shipshape before evening. The power supply was designed by Vincent S. LoGrasso and built by technicians of the AGS Conversion Division under the supervision of John A. Post (left), who checked the final installation.

-Humphrey

Softball Leagues Forming

We have organized our softball program to encourage maximum participation as well as spirited competition. We play "Slow-Pitch Softball," a game which lets every batter hit the ball and which gives the fielders plenty of exercise.

We try to balance the competition in several ways. The team rosters must meet certain departmental criteria, the teams are divided into leagues of equal ability, and the season is split in half which means slow-starting teams get a clean record in the second half and another chance to win the championship.

The season begins in early May with each team playing once a week and climaxes with the playoffs in late August. Amateur Softball Association Umpires are hired to officiate at the games. BERA supplies the necessary equipment, such as balls and bases, and presents the victors with awards. The League assesses each team a few dollars per mar. for incidental expenses and special programs.

All games are played on site at BERA's field area which boasts four full-size fields, picnic tables, grills and playground equipment for the youngsters. Most of our teams invite the families, and arrange to serve hot dogs and burgers as well as buckets of cold drinks.

Team applications for Men's and Mixed Leagues may now be picked up at the Recreation Office. If your group is not planning a team, you may enter your name in the Players' Pool and we will see that you play.

The Softball Executive Board met last week and elected Mike Zguris Chairman, Dave Comstock Equipment Chairman, Jack Brennan Publicity, and Georgia Irving Board Secretary.

FAS Meeting Monday

The BNL Chapter of the Federation of American Scientists will meet at lunchtime in Room "A" at the Cafeteria on Monday, April 12th. Its guest will be Dr. Vance L. Sailor of the BNL Physics Department, with whom the Chapter will discuss a Proposed Policy on Energy for adoption by the FAS. The Chapter meetings are open to all interested persons.

Mets Baseball Tickets

New York Mets baseball tickets are still very much available at the Recreation Office.

Look over the list for April, May and June and pick the dates you want.

Here and There

Claire Lamberti

William S. Hillman (Biology) recently presented a seminar on "Light, Darkness and Duckweed" at the Florida State University, Department of Biology, in Tallahassee.

Dr. David Berley (Accel.) was an invited speaker at "Workshop on Particle Physics at Intermediate Energies" on March 29 at the California Institute of Technology; the subject of his talk was "Intermediate Energy Program at AGS." On April 7 Dr. Berley will give an MP Division Seminar at Los Alamos Scientific Laboratory; the title of his talk will be "AGS Experimental Areas."

Benno P. Schoenborn (Biology) was at Yale University, New Haven, Connecticut to confer with Drs. Richards, Stryer and Wang with reference to neutron diffraction problems, and presented a seminar on "Neutron diffraction of biological systems."

A. W. Castleman, Jr. (DAS) has been invited to deliver a seminar on recent advances in aerosol physics research at Yale University on April 6.

John E. Denes (Applied Math) gave a talk at SUNY, Stony Brook, on April 6; the talk was entitled "Brooknet: A Network of Computers."

Lloyd Schairer (Biology) presented a paper at the National Symposium on Natural and Manmade Radiation in Space, held at the Frontier Hotel, Las Vegas, Nevada, on March 1-5; the title of his paper was "Biological Effects of Ambient and Onboard Radiation on *Trades-cantia* During Prolonged Free Flight."

General Theatre Group Meeting

The next Theatre Group meeting will be held Wednesday, April 14th, at 8:30 p.m. at Berkner Hall. The agenda includes:

- (1) Discussing the use of Berkner Hall for future theatre group productions,
- (2) The Advisory Committee's tentative selection of plays for the coming year's Fall and Spring productions (voting on these selections will be held at the June meeting),
- (3) The possibility of a summer production, and
- (4) A report on *Don't Drink the Water*.

A reminder . . . dues must be paid before the June meeting.

See you at Berkner Hall, 14th of April at 8:30 p.m.

Stony Brook Events

Events ranging from a talk on witchcraft to a Baroque music concert are scheduled this week at the State University of New York at Stony Brook. Unless indicated, the events listed are open to the public without charge.

Sunday, April 11

The rock groups Procol Harum and Seatrain will perform concerts sponsored by the Student Activities Board at 8 p.m. and 11:30 p.m. in the Gym, admission \$4. Tickets should be purchased before the concerts in the Union Ticket Office.

Monday, April 12

David Davidon, a Haverford physicist accused of conspiring with the Berrigan brothers, will speak at 3 p.m. in the Stony Brook Union.

Jeffrey Marcus, a Stony Brook graduate student, will give a piano recital featuring works by Bartok, Beethoven and Schumann at 8:30 p.m. in the Lecture Center.

Tuesday, April 13

As part of a lecture series on "The Future of Man" Dr. Max Dresden, Executive Officer of the Institute for Theoretical Physics at Stony Brook, will speak on "The Conquest of Space" at 7 p.m. in Room 100 of the Lecture Center.

Wednesday, April 14

"Darkness, Darkness," a movie about heroin and the life style which surrounds its use, will be shown as part of a film series on drugs at 8 p.m. in the Chemistry Building Lecture Hall.

Susan Roberts, author of "Witches U.S.A." and Joseph Lukach, a self-proclaimed witch, will speak on "Witchcraft - How To Do It" at 8 p.m. in Room 102 of the Lecture Center.

Howard Samuels, director of the New York Off-Track Betting Corporation, will speak at 8:30 p.m. in the Cardozo College Study Lounge.

Thursday, April 15

Daniel Morgenstern, solo cellist with the Lyric Opera of Chicago, will perform a cello concert featuring works by Schubert, Bach, Webern and Brahms at 8:30 p.m. in the Stony Brook Union Theatre.

"La guerre est finie," Alain Resnais' classic film starring Yves Montand, will be shown at 8:30 p.m. in Room 100 of the Lecture Center.

Bowling News

Grace Fales

The Old Timers really want first place by rolling a 3074 series last week. Helping them along was Gary McGovern's 223/200/611 scratch/698 gross series, and Walt Reams with his 221/209/608. Other 200's for the night were N. Combatti 233, N. Parrinello 231, S. Kiss 225, M. Petty 209 (first of the season), H. Marshall 201, and R. Nelson 200.

Green League

High games for the week were B. Danaher 200, S. Dinero 201, K. Asselta 206, J. Scesny 213/202/595, E. Meier 22/599, R. Meier 225, F. Short 223, and E. Sundberg 214.

Pink League

Hopefuls are catching up to the Pinksplitters to try and resume their first place position - with only 2 more weeks until Position Night. Highs for the night were Marge Stoeckel 181, Lillian Hillerud 173, Pat Oster 171, Grace Fales 166, Mary Austin 164, and Anne Kirkpatrick 164. Lillian Hillerud won the high gross game award with her 225.

To whom it may concern - we concede already.

Black and Blue League

As the top 4 teams play each other in the next 2 weeks it should be an interesting finish. Bob Gallagher helped the Omegas into first place with his 184/502 series. Last weeks highs were Dick Murgatroyd 516, and Allan Diebel 201/504.

Moratorium Meeting

Monday Night At Center

The Brookhaven Moratorium Committee is sponsoring a meeting which will feature as speaker William Davidon, professor of physics at Haverford College. The title of Davidon's talk will be "The Responsibility of the Scientist in a Revolutionary World."

Davidon is serving on the National Steering Committee for *Resist* and the National Board of *Sane* and was a participant in the Pugwash Conference of Scientists on World Affairs. He has recently been named as an unindicted co-conspirator in the Berrigan case. The program will be held on Monday, April 12 at 8:00 p.m. in the North Room of the Brookhaven Center.

This non-official program is open to all Laboratory employees. Family members and personal friends may accompany staff members on this occasion.

Cafeteria Menu

Week Ending April 15, 1971

Friday, April 9		
Manhattan Clam Chowder		
Deep Fried Filet of Sole w/Tartar Sauce & French Fries		.90
Sliced London Broil w/Mushroom Sauce & 1 Veg.		.90
Broiled Halibut w/Lemon Butter & 1 Veg.		.90
Monday, April 12		
Chicken & Rice Soup		
Round Roast of Beef w/Gravy & 1 Veg.		.85
Chili Con Carne on Rice w/Tossed Green Salad		.80
Baked Chicken Patties w/Cream Sauce & 1 Veg.		.80
Tuesday, April 13		
Vegetable Soup		
Franks & Baked Beans		.75
Veal Pattie Parmigiana w/1 Veg.		.85
Rolled Stuffed Cabbage w/1 Veg.		.80
Wednesday, April 14		
Cream of Tomato Soup		
Baked Stuffed Pepper w/1 Veg.		.85
Ham Steak Hawaiian w/Pineapple Ring & 1 Veg.		.85
Fish & Chips w/Tartar Sauce		.75
Thursday, April 15		
Beef Barley Broth		
Pot Roast of Beef a la mode w/1 Veg.		.85
Baked Chicken, Rice & Mushrooms w/1 Veg.		.80
Italian Spaghetti w/Meatballs & Parmesan Cheese		.75

Easter Dinner At Center

On Sunday, April 11, from 5 to 8 p.m. the Brookhaven Center will serve an Easter dinner with a choice of three entrees. Baked Virginia Ham, Broiled Sirloin Steak and a special by reservation only of Boned Roast Stuffed Duck. All of the traditional trimmings to go with the above dinners are, of course, available.

Holiday Pool Schedule

Starting Thursday, April 8th through Friday, April 23rd, the Swimming Pool hours will be temporarily revised as follows:

12:00 noon - 1:30 p.m.
Employees Only
1:30 p.m. - 9:30 p.m.
Employees/Families/Visitors

Slo-Break Basketball

by George Latham

Last Thursday night the Nationals defeated Chem-Med 28-22 to break their 2nd half tie and make the Nationals the winner of both halves of the Universities League. Dick Sutter scored 10 points for the Nationals as did Bookman of Chem-Med.

Next Thursday at 5:30 the Knacks and the Tandems play for the championship of the Associated League. Following that game the Nationals take on the Universities League All-Stars. Come and cheer for your favorite team.

Final 2nd Half Standings

Universities League	W	L
Nationals	6	1
Chem-Med	5	2
Physics	1	5
Biology	1	5

Classified Advertisements

Positions Available

The Brookhaven Bulletin each week will list job openings which have come to our attention and may be of interest to Lab employees. Each listing will be repeated (if still available) only once.

SALESMEN AND SALES MANAGERS - Connecticut General Life Insurance Company, Melville, New York.

BUILDING ENGINEER - Industrial project work engineer; contract writing. B.S. Civil Engineering, P.E. license. National Food Manufacturing Company, Melville, New York.

PROCESS SANITARY PIPING ENGINEER - Knowledge of piping engineering (problems, de-bugging, etc.). National Food Manufacturing Company, Melville, New York.

MECHANICAL ENGINEER - B.S. in mechanical engineering or experience in heat transfer. National Food Manufacturing Company, Melville, New York.

SENIOR SYSTEMS AND PROGRAMMING MANAGER - To head up all application systems and programming; converting from IBM system to new RCA-3 equipment. Hofstra University, Hempstead, New York.

KEYPUNCH OPERATOR - Systems and Data Processing. Half-time, 5-9 pm.

FOUNDRY FOREMAN, MOLDERS AND GRINDERS - Aluminum and magnesium sand casting foundry. Rosedale Four dry Corporation, Hicksville, New York.

JUNIOR ACCOUNTANT - Mainly full charge book-keeping. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.

MEDICAL TECHNOLOGIST - All phases of lab work; A.A. degree required. Southampton Hospital, Southampton, New York.

SALESMEN - Full training program. Mutual of New York, Westbury, New York.

COST ACCOUNTANT - Standard job cost; Bachelor's degree and minimum five years' experience. General Instrument Corp., Hicksville, New York.

SUPERINTENDENT OF BUILDINGS AND GROUNDS - Central High School District No. 3, Merrick, New York.

ELECTRO-OPTICAL TECHNICIAN - Background in lasers and electronics. General Telephone & Electronics Laboratories, Bayside, New York.

SCHEDULER - For computer operations. May involve some program de-bugging. No degree required. General Telephone & Electronics Laboratories, Bayside, New York.

ADDRESSOGRAPH OPERATOR - Full or part-time. Anthony Addressing Service, Patchogue, New York.

PROGRAMMERS - To work on PDP-8 computers; industrial systems applications in areas of gas and petroleum, pipe lining, water treatment and water and air pollution. Should have 1-2 years' experience in real-time language. Data-Master Corporation, Glen Cove, New York.

SALESMEN (10 NEEDED) - Part or full-time for Cutco Division of Alcoa. All areas of Long Island. Absolutely no canvassing involved. Apply care of BNL Personnel Office.

PLANT SYSTEMS OPERATOR - Temporary position for six months. Job includes de-bugging of electrical and mechanical equipment. Vermont Yankee Nuclear Power Corporation, Rutland, Vermont. Call Robert Powell, extension 663, for further information.

STORE MANAGERS - Some basic bookkeeping helpful; ability to handle people. Mallory Restaurants, Suffolk and Nassau Counties.

ELECTRICAL ENGINEER - To work in facilities engineering department, power distribution, high voltage, etc. Minimum eight years' experience. Gruman Aerospace Corp., Bethpage, New York.

EXECUTIVE SECRETARY - To the Director. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.

DIGITAL ENGINEER - E.E. degree and three years' experience. Grumman Aerospace Corporation, Bethpage, New York.

SIMULATION ENGINEER - E.E. degree and two years' experience. Grumman Aerospace Corporation, Bethpage, New York.

CIRCUIT DESIGN ENGINEER - E.E. degree and two years' experience. Grumman Aerospace Corporation, Bethpage, New York.

MAINTENANCE MAN - Henry Perkins Hotel, Riverhead, New York.

SALESMAN - Prudential Insurance Company, Smithtown, New York.

REGISTERED NURSES - Rotating shifts. Medical Department, BNL.

PROGRAMMER/ANALYST - Bachelor's degree plus approximately three years' "hands-on" programming experience. General Telephone & Electronics Laboratories, Bayside, New York.

CHEMIST - Ph.D. in physical chemistry, chemical engineering or electrochemistry. General Telephone & Electronics Laboratories, Bayside, New York.

LABORATORY TECHNICIAN - Plant tissue research; A.A. or A.S. or equivalent in biology or plant physiology. General Telephone & Electronics Laboratories, Bayside, New York.

PROGRAMMER - B.A. or M.A. in mathematics or computer science. General Telephone & Electronics Laboratories, Bayside, New York.

DEPUTY U.S. MARSHALL - U.S. Civil Service Commission, New York, New York.

YACHT CLUB SUMMER JOB - 15 weeks (May to September) as house and grounds assistant. Either single man or married couple. \$100 per week plus living quarters. West Hampton Yacht Squadron. West Hampton, New York.

CHIEF OF BUILDINGS ENGINEER - Maintenance, etc. Veteran's Administration Hospital, Northport, New York.

ENGINEER - Electrical systems, pipe fitting, etc. Veteran's Administration Hospital, Northport, New York.

MEDICAL TRANSCRIBER - To work from a dictaphone machine. Bayview Community Hospital, Mastic Beach, New York.

COOK - With some experience. Bayview Community Hospital, Mastic Beach, New York.

DIETICIAN - Licensed; some experience. Bayview Community Hospital, Mastic Beach, New York.

INDUSTRIAL ENGINEER - B.S. in industrial engineering; 2-3 years' experience in manufacturing, including cost reduction, work simplification and methods. General Instrument Corporation, Hicksville, New York.

MATERIALS MANAGER - General Instrument Corporation, Hicksville, New York.

CLERK/STENOGRAPHER - Department of the Army, New York, New York.

For further information, please contact Employment Supervisor Ext. 2109 or 2513.

Autos & Auto Supplies

63 MERC METEOR - V8, 4 dr sedan, fair cond, runs well & has good rubber, burns some oil. \$300. 281-8952 after 1730 hrs.

67 MUSTANG FASTBACK - Dk blue, 289 V8, 3 spd std trans, fold down back seat, snows. 744-1553 after 6.

NEW TIRE - 8.25x14 Goodyear w/w. \$20. Carrera, Ext. 2309.

67 FORD - 4 dr custom, heater, auto trans, ps/disc brakes. R. Wright, Ext. 7208.

70 KARMANN GHIA - Clementine orange, needs minor body work, low mileage. Sacrifice, \$1695. 286-9260 eves.

65 SAAB - Body dented but mechanically sound. \$250. K. Fuchel, Ext. 2446.

69 HONDA - CL70 Scrambler, excel cond, \$200; cycle carrier for car, \$15. Art, 289-5549.

2 TIRES - 7.35x14 tubeless. \$10 ea. Ext. 2931.

63 COUNTRY SQUIRE - V8, auto trans, ps/pb, good cond. \$350. W. Lundgren, Ext. 7525, 588-1566.

66 CHEVY BISCAYNE - R/h. \$250. E. Pultz, Ext. 7415.

69 VW - Dk blue, empi equipment, new radials, luggage rack, many extras. Mike, Ext. 2852.

67 MUSTANG FASTBACK - Delux, auto, ps/pb, air cond, new batt, glass tires. \$1700. 744-8765 after 6.

65 MUSTANG - Auto trans, ps, air cond, excel cond. \$600. S. Segler, 473-8586 after 5.

6 CYL MOTOR - 4 spd trans, overdrive for '62 Austin Healy, excel cond. All for \$100. Ext. 7642, HR3-2821.

REESE AXLE HITCH - W/equalizer bars. \$45. Rich, Ext. 635.

63 CHEVY - 4 dr, cheap. Leroy, Ext. 567.

63 FORD FAIRLANE 500 - 8 psgr station wagon, excel cond inside & out. \$550. Walter, Ext. 567, 732-5216 after 5.

63 FORD GALAXIE 500 CONV - Blue/white top, ps/pb/pw, 60,000 orig mi, new tires, very good cond. Asking \$375. F. Kuehl, Ext. 7501/2411.

63 CHEVY - V8, 2 dr. 286-8718.

70 MONTE CARLO - V8, auto trans, vinyl top, 18,000 mi, excel cond. \$3000. T.R. Brown, Ext. 2314, 878-0624.

68 BUICK VISTA CRUISER SPORTS WAGON - 10 psgr, ps/pb, air cond, good tires, excel cond. \$2600. Gileta, Ext. 7654, 653-4618 after 6.

70 PLYMOUTH DUSTER - Blue, low mileage, perf cond, 3 spd on floor, small V8, reg gas, going into service, pick up payments. Zinna, Ext. 2556, 589-4243.

67 COUGAR - Good cond. \$1700. George, Ext. 565.

64 FORD - 2 dr, full pwr. \$300. T. Logan, Ext. 640.

SEARS IGNITION TESTER - \$5. 924-8713 after 6.

66 CHEVY IMPALA - Ps, auto trans, new shocks & brakes, excel cond. \$950. F.J. Mottl, LT9-4327.

69 GALAXIE 500 - White, 2 dr, sport roof, 33,000 mi, immaculate, 8 new tires, studded snows. Asking \$2350. 567-0776.

61 VW - W/rebuilt eng, trans, front end, muffler, new radio, custom wheel, excel mech cond, color-blk. Bruce, 475-6262 after 6.

69 FORD ECONOLINE SUPER VAN - Closed-in van, h.d. suspension, many extras, excel cond. \$1800 firm. Paula, Ext. 7554.

68 FORD LTD STATION WAGON - 10 psgr, ps/pb, auto trans, excel cond. \$1950. Ext. 7617.

Boats & Marine Supplies

35 HP EVINRUDE O/B - Controls, new 15' cables, 6 gal fiberglass gas tank. \$125. Wirszylo, Ext. 2407.

18' STEVRY - Fiberglass, 100 hp Evinrude, 8 psgr, full canvas, 50 gal gas, reclining seats, Tee Nee trailer, tandem axle, cushions, F.E. extras, used 4 times. \$3000. 585-3879.

5½ HP EVINRUDE OUTBOARD - Hardly used. \$75. Art, 289-5549.

18' STAR TREK V STARCRAFT 1970 - Fisherman's model, full custom weblon top, windshield, fish rod holders, no motor. \$900. Jean, 286-3786.

BEETLE CAT - Bronze bottom fastenings & hardware, 2 suits dacron sails, 1 cotton, many extras, excel cond. \$700. Lou, Ext. 309.

16' GLASPAR RUNABOUT 1967 - 40 hp elec start Johnson, compl navy top, life jackets, elec horn, Lil Dude tilttable trailer, excel cond. \$1000. 289-1848 after 7.

20' FIBERGLASS CRUISING SLOOP - Signet 20, sleeps 4, fully equipped, working sails, Genoa, spinnaker, many extras, reasonable. Ext. 2993, 744-9436.

18' OLD TOWN 1959 LAPSTREAK - 50 hp Evinrude, new controls & navy top. \$600. John, 286-3739.

12' PELICAN CLASS SAILBOAT - Under construction, hull planked & deck framed, w/plans. As is, \$45. Wes, Ext. 2340.

15' RUNABOUT - Little Dude tip trailer, 25 hp Evinrude outboard, all extras, excel cond. Asking \$450. Charlie, Ext. 2340.

20' BAY CITY CABIN CRUISER - 95 hp Nordberg eng, fresh water cooled. Asking \$1400. E. Petruk, 286-0124.

Miscellaneous

YASHICA - Model A, twin reflex, 80 mm, 3.5 lens, 1/300 sec, w/Accura Bouncemaster & case. \$45 firm. P. Oster, Ext. 7538.

KODAK FILTERS - Yellow; Wratten K2, No. 8; green; Wratten X1; both series V; also series V lens hood. \$8/all. P. Oster, Ext. 7538.

TRAILER - '70 Apache Solid State, fiberglass walls, plexiglass windows, screens, sleeps 6, fully equipped, refrig, propane stove, sink, excel cond. Jack, Ext. 7827.

TAPE RECORDER - Aiwa TP 704, reel to reel, 5", 2 spd, 110 VAC or 4 "D" cell operation, very good cond. \$25. P. Warner, Ext. 2402.

2 BEGINNERS' ICE BOATS - Good cond, \$25; mini bike, needs eng work, \$25; BSR turntable, good cond, \$25. 929-4173 after 1.

CUSTOM TAILORING & ALTERATIONS - Men's & women's clothing. 286-3454 after 7.

STEREO TUNER - Consumer-recommended Dynaco, stereo FM tuner, tubes (comparable to \$61 Heathkit). \$25. Janet, Ext. 2109.

AMPLIFIER/PREAMP - Dynaco 70 watt (comparable to \$170 Heathkit). \$70. Janet, Ext. 2109.

BLOND WIG - Alexander Jerome kanekalon, med length, bangs, worn twice. \$15. 281-7777 before 4.

LOUNGE & 3 SLAT BENCHES - 473-8011.

ICE MAKER - Scotsman-SC200H, 200 lb/24 hrs, excel cond, 1 yr old, very reasonable. J. McKay, 732-5294.

WASHING MACHINE - Maytag automatic, 1957 model No. 140, needs minor repair (gasket) or can be used for parts, new motor & water mixer. \$15. Ext. 2902.

BABY CAR SEAT - Very little use. Orig price \$6.99, will sell for \$4. Maria, JUB-2688.

2 DACHSHUND MALE PUPS - 1 brown, 1 blk, 6 wks old, AKC papers, Champion line. Asking \$100 ea. L. Gibson, 234-1281.

MASON'S WHEEL BARREL - & mortar pan, \$25; sofa bed (Kroehler), \$40; roll around table for shop, \$5; lawn roller, \$5. J. Richter, Ext. 7821.

DAVIDSON OFFSET PRINTING PRESS - 10"x14", excel cond. George, 929-4818.

BISSELL SHAMPOO - & master liquid rug cleaner, never used. \$10. M. Smith, Ext. 664.

4 STRING BANJO - W/case, 2 mos old, \$50; port Remington typewriter, needs cleaning, \$10. George, Ext. 2248.

2-½ HP MOTORS - 3 pulleys, 1 belt, 1 hook up for saw blade, 1 saw blade, 1 emory wheel, 1 bench vise. \$15 takes all. 281-8390.

GRAVELY GARDEN TRACTOR - Elec start, riding sulky, rotary plow, circular saw, rotary mower. Tony, Ext. 7525, 924-8225.

VACATION COTTAGE - On an island in RI, May-Sept, sleeps 6, all conveniences. \$65/wk per family. 281-8296 after 6.

BICYCLE - 10 spd, French made, new cond, less than 1 yr old. \$62. Emil, Ext. 2950.

STEREO - Am/fm table radio, solid state Panasonic w/auto record changer, 2 speakers, 3 yrs old, excel cond. \$95 comp. Frank, 727-1278 after 5.

TRAIL KING CAMPER 1967 - Used 3 times, ice box, stove & sink, reasonable. Leroy, Ext. 567.

2-12" CASEMENT WINDOW FANS - 2 spd reversible, twin unit. \$25 ea. 744-2005.

1 LG TRUNK - W/tray compartment, blk metal exterior, perf cond. \$20. McRae, 878-2268.

9 MM GERMAN LUGER - Ser No. 7332, collector's piece, in good operating cond. \$75, permit required. P. Warner, Ext. 2402.

CARDIOD DYNAMIC MICROPHONE - Hi-impedence, slim line, heavy desk stand. \$10. Ext. 597, 286-0436.

ELECTRONIC GEAR - VTVM, Simpson 260, regulated pwr supply, Weston meters, sellout, call for details. Ext. 597, 286-0436.

TELESCOPE - 6' reflector, aluminized pyrex mirror, right angle finder, needs mounting. \$45. Ext. 597, 286-0436.

OLD TYPE ICE CREAM FREEZER - Approx 7 cu ft, works wonderfully. D. Miller, 281-8579, Ext. 2411 after 1600 hrs.

LIONEL TRAIN SET - .027, 49 pcs of track, 8 cars, 1 eng, 2 transformers - 75 watt & 35 watt. \$10. Pat, 727-5478.

MICROMETERS - Reed 1", \$3; Reed 2", \$4; B&S 1", \$4; Bendix verier caliper, \$5; heavy plumbob, \$2. Ext. 597, 286-0436.

STEREO TAPE PLAYER - Solid state, 8 track, batt or built-in AC adapter, 2 detachable speakers, auto channel selector, tone & balance control, like new. New \$78.75, sell for \$55.00. Ext. 7386.

21" B&W TV - Good cond, lg console. \$40. Ext. 2931.

4 CAMPING COTS - Folding alum frame. \$15 takes all. Art, 289-5549.

SKI RACK - Trunk lid, holds 4 pr, new this season, excel cond. \$10. Bill, Ext. 7121.

SOFA - 3 cushioned; rocker, comfortable but old; sideboard table, 34"x17"; best offer. Jim, Ext. 668, 751-0023.

UNIFLOW DEEP WELL ROD PUMP - 1 hp motor & 42 gal glass lined pressure tank. Ext. 684.

10 GAL METAFRAME AQUARIUM - \$3.50. Ext. 2515.

WEDDING GOWN - Italian silk, traditional, w/head-piece & veil. Curran, Ext. 2333.

DRAPES - Triple width, 84" l, fiberglass, antique white w/gold, hardly used; traverse rod, triple width, & glass curtain rod. Curran, Ext. 2333.

SIAMESE KITTENS - Male & female. Linda, 286-1201 after 5:30.

GE WASHING MACHINE - Filter flow, coppertone. \$65. George, Ext. 565.

12 ALUM SCREENS - Size 24"x54½", good cond. \$1 ea or \$10 for all 12. C. Ruege, Ext. 451.

MEN'S LUGGAGE - "Schel-Craft" brown leather, 1 two-suiter, \$15; 1 weekender, \$10. E. Petruk, 286-0124.

RABBITS - Make wonderful pets, ideal Easter gift, 1 all blk, 1 all white. \$3 ea. Ext. 2931.

HORSE - 6 yr old bay gelding, 16 hands-show jumps, excel manners, beautiful disposition, gentle & affectionate. 744-9658.

WASHING MACHINE - Excel cond. Asking \$100. 924-8213 after 6.

CAMERA - Yashica YF 35 mm, 50 mm 1.8 lens & case, accepts all Leica & Canon screw mount lenses. \$30. Walt, Ext. 7215.

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
EAST QUOGUE - ½ acre landscaped, 3 bedrm ranch, fireplace, 1½ baths, panelled din rm w/built-in hutch, fam rm, appliances, full bsmt, take over existing mort at 5½%. 653-4618 after 6.

WADING RIVER - 3 bedrm ranch on wooded acre, air cond, 16x22 fam rm w/raised hearth fireplace, appliances, w/w, 2-car garage, 2 baths, less than 1 yr. Asking \$47,500 reas. taxes. Ext. 2930, 929-6459.

For Rent
SUMMER RENTAL - 6 rm house, Brookhaven, avail June 12-Labor Day. \$1000+security. 286-2267.

Wanted
REFRIG W/LG FREEZER - Or freezer alone. Ext. 2366.
USED MACHINIST OR MECHANIC'S TOOL CHEST - Good cond. 981-1826.

MAN - Able to dig former garden (40'x8') which is now mostly dense with roots. Ext. 2864, 286-1184.
ROTARY MOWER - Large cut, late model, excel cond. F. Kuehl, Ext. 7501.

20 OR 25 GAL FISH TANK - W/wo equipment. Ext. 2366.

MEN'S ENGLISH RACER - 3 spd, 26". Jack, 744-1481.
SM SHED OR LG STORAGE BOX - For use to store garden tools for model community organic garden. M. Hall, 878-0817.

DOG HOUSE - For small dog. 475-2629 after 4.
SEAMSTRESS - To complete several dresses of moderate difficulty. 286-0428 afternoon or eve.

TO RENT - Approx July 1, 3-4 bedrm house in Hauppague, Smithtown or Stony Brook area. 234-3692.
TAXPAYERS - Federal & State income tax forms prepared in the privacy of your home or mine. 475-8330.

CHILD SEAT - For back of adult bike. Joan, SH4-3919; Jack, Ext. 7839.

WOMAN - To share rental of house in Yaphank. Ext. 619.

BATHROOM SCALES - Balanced beam type, cond good. Ext. 663.

Carpools
PAYING RIDER - Wants round-trip ride 1 day/wk to Lab from E. Setauket area. J. Yournu, Ext. 2479.
DRIVER WANTED - To compl existing carpool from Exit 52 (or further west) on LI Expwy. Elliott, Ext. 2103.
DRIVER WANTED - To compl old, established carpool from Patchogue. Bob, Ext. 2265.

Classified Ad Policy

Deadline is 12 noon Friday for publication the following 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 employee's signature.

For Sale: Auto & Auto Supplies
 For Sale: Boats & Marine Supplies
 For Sale: Miscellaneous
 Wanted
 Carpools
 Lost & Found

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 112, 40 Brookhaven Avenue.

Employee's Signature Life No. Ext.
Send to: Brookhaven Bulletin, 40 Brookhaven Avenue