

## Robert Adair Named Associate Director

Robert Adair's 37-year association with BNL enters a new phase with the new year, as he becomes Associate Director for High Energy and Nuclear Physics. In that position, Adair will be responsible for both the Alternating Gradient Synchrotron (AGS) and Physics Departments and the Instru-

mentation Division. Acting in that capacity has been Robert Palmer, former Associate Director for High Energy Physics Research, who now returns to full-time research.

"I am very pleased to announce the appointment," Laboratory Director Nicholas Samios noted. "Dr. Adair is no stranger to Brookhaven, having been a member of the Physics Department here from 1953 to 1959, after obtaining his Ph.D. from the University of Wisconsin. . . . He has pursued a distinguished career in high energy and nuclear physics and has continued to be a regular visitor to Brookhaven as a user of our AGS facility."

Adair has actually been associated with BNL since 1949, when he was a graduate student, returning in 1953 as an associate physicist. Though he left BNL in 1959 to teach at Yale University, Adair said, "I have been connected with BNL almost all the time from then till now."

This connection has taken the form of experiments at BNL's high energy accelerators. While Adair said he "had worked for a couple of years in classical nuclear physics," the field in which he had earned his Ph.D., he

added, "I got into high energy physics at BNL, with experiments at the AGS and, years ago, at the Cosmotron."

In recent years, Adair's high energy physics interest has focused on CP violation and rare K decays. At present, he is involved with AGS Experiment 780 (E780), a BNL/Yale collaboration. E780 is looking for rare decays of particles called kaons (K), the observation of which would imply the existence of new interactions in high energy physics.

To participate in E780, Adair comes to BNL once a week from Yale University, where he became an associate professor of physics in 1958, and, in 1961, a full professor. From 1967 to 1970, he served as chairman of Yale's Physics Department. Since 1972, he has been the Eugene Higgins Professor of Physics at Yale.

Adair has also found time for many other scientific activities. He was a Guggenheim Fellow in 1953, a Ford Foundation Fellow from 1962 to 1963 and a Sloane Foundation Fellow from 1962 to 1963. In 1963, he began a three-year term as associate editor of Physical Review. From 1974 to 1977, he was associate editor of Physical

Review Letters, of which he was editor from 1978 to 1983.

Adair was chairman of the Division of Particles and Fields of the American Physical Society, from 1972 to 1973. He has been a member of the National Academy of Sciences since 1977 and now chairs its Physics Section. In addition, he is vice chairman of Scientists and Engineers for Secure Energy.

Beginning January 1, 1987, however, Adair's top priority will be high energy and nuclear physics at BNL. Physicists from these two disciplines share an interest in experimenting with heavy ions. Such research began at the AGS in October, following the commissioning of the Tandem/AGS Heavy Ion Project. Future plans call for the continued enhancement of the heavy ion program; first, by the completion of the AGS Booster, which is now under construction; and second, by adding the proposed Relativistic Heavy Ion Collider, if it is approved.

Anticipating his involvement with these exciting plans, Adair said, "I am pleased to be associated with the administration of Brookhaven — a laboratory with a distinguished past and a bright future."



Mort Rosen

Robert Adair

## Meeting Sparks Collaboration Between BNL and Utilities

The energy crisis of the 70's has turned into the oil and gas glut of the 80's. Blackouts and brownouts have been replaced by excess electric-generating capacity. And electricity consumption has been cut through conservation. What's the electric utility industry to do when planning for the future?

To understand how the Lab can help them with future research and development (R&D), about 40 electric utility representatives from the eastern U.S. met with an almost equal number of BNL scientists at a Regional Utilities Seminar, held here November 5-6 and organized by the Office of Research & Technology Applications (ORTA). The seminar introduced the utilities to the capabilities of the Departments of Applied Science (DAS) and Nuclear Energy (DNE), and the Safety & Environmental Protection (S&EP) Division. As well, Lab staff members became acquainted with the utilities' technical problems and research interests.

This was an important meeting, said Robert Bell, Vice President for Research at Consolidated Edison Company of New York and chair of a

BNL/utility advisory committee, "because it may well mark the beginning of a new partnership between the utility industry and the Laboratory. Brookhaven has ongoing programs relevant to the interests and needs of the utilities, so I think we can work together to solve critical problems of this country's electric power supply."

According to Frank Salzano, ORTA, the problems the utilities presented at the seminar include how to increase the longevity of both nuclear and non-nuclear power plants beyond their designed lifetimes, how to use conventional and new fuels more effectively and efficiently, and how to keep both the workplace and the environment free from pollution that results from power production. Salzano organized the conference to address these problems, with the help of Robert Hall, William Marcuse, Paul Moskowitz, William Slegeir, John Weeks and Dorry Tooker.

At the seminar, the utilities expressed interest in six areas of Lab research. These include DAS's work on the detoxification of geothermal waste generated by power plants using a biological solid-waste treat-

ment plant; its use of tracers to detect leaks and atmospheric dispersion; and S&EP's toxic material advisory program, which features computerized information on waste disposal, shipping and storage requirements, spill

control, biodegradation and toxicity.

In addition, the electric industry would like to see work expanded in DNE's component-failure analysis program, DAS's undertaking to char-

(Continued on page 2)

At the Regional Utilities Seminar: (seated, from left) Robert Bell, Vice President for Research at Consolidated Edison Company of New York; David Rossin, DOE Assistant Secretary for Nuclear Energy; (standing, from left) William Marcuse, ORTA head; Seymour Baron, BNL Associate Director for Applied Programs; and Frank Salzano, ORTA.



Mort Rosen



Mort Rosen

## Overseeing the SSC

Three years ago, when the Department of Energy decided to go ahead with a national research and development effort for a Superconducting Super Collider (SSC), the 15-member SSC Board of Overseers was appointed to oversee that work. On November 6-7, the Board came to BNL for its quarterly meeting. Also at the meeting were members of Universities Research Association (URA), to which the Board reports. On the group's agenda were discussions on SSC programs, presentations by BNL staff about the Laboratory's work in support of SSC and a tour of BNL facilities.

Present at the meeting were: (seated, from left): Martin Perl, Stanford Linear Accelerator Center (SLAC); George Trilling, Lawrence Berkeley Laboratory; Chris Quigg, Fermi National Accelerator Laboratory; Boyce McDaniel, Board Chairman, Cornell University; Wolfgang Panofsky, SLAC; John Hulm, Westinghouse R&D Center; Martin Blume, BNL Deputy Director; Roy Schwitters, Harvard University; (standing, from left) Maury Tigner, SSC Central Design Group (CDG) Director; George Pake, Xerox Corp.; Neal Lane, Rice University; Robert Frosch, General Motors Corp.; Edwin Goldwasser, CDG; Stanley Wojcicki, CDG Deputy Director; Edwin Knapp, President, URA; Ken Shirley, URA; Jim Matheson, Vice President, URA; and Ezra Heitowit, Vice President, URA. James Cronin, University of Chicago; John Deutch, Massachusetts Institute of Technology; Sam Trieman, Princeton University; and Robert Wertheim, Lockheed Corp., were unable to attend the meeting.

## Model for a Merger



Mort Rosen

Two laboratories in Switzerland — the Swiss Institute of Nuclear Research (SIN) and the Swiss Federal Institute for Reactor Research (EIR) — are planning a future merger. In setting up the new institution, the Swiss would like to use the organization of BNL and AUI as a model. For a firsthand look at that organization, a Swiss delegation visited BNL on November 13 and 14. One stop on their tour of the Laboratory was the High Flux Beam Reactor, where they paused for this photo: (from left) H.L. Kinney, Special Assistant to the Director, BNL; Andrew Pritzker, Swiss Federal Institutes of Technology; Hanspeter Alder, EIR; Wilfred Hirt, SIN; Walter Fischer, SIN; Paul Wildmann, Hayak Engineering; Martin Jermann, EIR; and David Rorer, Deputy Manager of BNL's Reactor Division.

## Library Survey

The BNL library and information community is sending a "Library Use/User Survey" to the scientific, administrative and visiting staff. The survey will be distributed before the Thanksgiving holiday and should be returned to the Research Library, Bldg. 477A, by Friday, December 5. Copies of the survey will also be available in the Research Library, in department/division libraries and in selected department offices.

While response to the survey is encouraged, everyone is asked to submit only one copy. The survey may also be answered on-line if participants have access to the VAX Clus-

ter. Detailed instructions for replying on-line are included in the printed survey.

It has been several years since a general library survey has been conducted at BNL. The library and information community is currently planning for automation of even more BNL library services, including site-wide on-line access to catalogs, on-line ordering of library materials and sending messages electronically between libraries. A high level of response to the survey is needed to ensure that BNL libraries can plan for the present and future needs of their patrons.

## Service Awards

The following employees received service awards during the month of November:

**Thirty-five Years**  
Robert H. Jones ..... App. Science  
Harold A. Schwarz ..... Chemistry

**Thirty Years**  
Orazio Barone ..... Plant Eng.  
Edward F. Meier ..... Light Source  
Donald F. Sacker ..... Medical

**Twenty-five Years**  
Carl B. Eld ..... AGS  
Eric B. Forsyth ..... Accel. Dev.  
Edward G. Gill ..... AGS  
Joseph T. Mayeski ..... AGS  
Manfred G. Thomas ..... Light Source  
Franklin D. Timm ..... AGS

**Twenty Years**  
Lawrence Musso ..... Sfg. & Sec.  
Siegfried Naase ..... AGS

**Ten Years**  
John J. Barry ..... AGS  
Howard W. Bell Jr. .... Plant Eng.  
Joseph F. DePace ..... App. Math  
Joseph C. Dudek ..... Plant Eng.  
Nancy J. Fallon ..... Saf. & Env. Prot.  
Arup K. Ghosh ..... Accel. Dev.  
Jae H. Jo ..... Nuc. Energy  
Leon Lawrence ..... Photo. & Gr. Arts  
Anthony J. Salvo ..... Con. & Proc.  
Carl W. Vogel ..... Plant Eng.  
Robert F. Wieser ..... App. Science

## Arrivals & Departures

### Arrivals

None

### Departures

This list includes all employees who have terminated from the Laboratory, including retirees:

Joyce D. Austin ..... DAS  
William A. Slegier ..... DAS

## Hospitality News

Susan Kirby will be the guest speaker at the next Hospitality Committee get-together on Tuesday, December 2, from 9:30 to 11:30 a.m. at the Brookhaven Center.

Kirby will demonstrate how to make a Christmas wreath. Some of the materials will be provided for you to make a wreath; however, it is suggested that you bring some ribbon and pine cones or small ornaments to put on it.

We would like to have you join us for this interesting presentation. Spouses of Lab employees and guests are welcome. Coffee, tea and danish will be served. Please come and bring the children. Babysitting will be provided free of charge.

## My Daughter, the Scientist

The distinguished careers of 12 women scientists and engineers are being honored in a traveling exhibit entitled, "My Daughter, the Scientist." It is on display at the Franklin Institute, Philadelphia, through December, and Brookhaven Women in Science (WIS) is sponsoring a bus trip to see it on Saturday, December 13.

The exhibit attempts to increase public awareness of the challenges facing women in scientific careers and to encourage young women to consider careers in science, engineering and related fields. Two of the women whose lives are featured in the exhibit, Joanne Simpson (head of the Severe Storms Branch of the Goddard Laboratory for Atmospheric Sciences, NASA) and Mildred Dresselhaus (professor of electrical engineering and physics, MIT) have spoken at the Lab

at the invitation of WIS.

In addition, the Franklin Institute has four floors of exhibits, including a planetarium. Admission to the museum is \$2.50; to the planetarium, \$1.50. The museum has a cafeteria, where lunch may be purchased.

The bus will depart from in front of Berkner Hall at 9 a.m., leave the Institute around 6 p.m. and return to the Lab before 11 p.m. There will be a half-hour coffee stop on the way to Philadelphia and an hour-dinner stop on the way back.

The cost for the bus trip, which does not include admission fees or meals, is \$16 per person, and the bus can accommodate 45 people. Send checks, made out to Brookhaven WIS, to Susan Eng, WIS treasurer, AMD, Bldg. 515, before December 1. For further information, call Joyce Tichler, Ext. 3801.

## Utilities

(Cont'd)

acterize fuels and its effort to assess biological risk.

As Seymour Baron, Associate Director for Applied Programs, pointed out, the transfer of technology from the Lab to the electric utilities can only be accomplished by one-to-one interactions and joint projects. It was Baron's idea that the Lab and utility industry could benefit from collaborative research, which resulted in this seminar.

To initiate collaborative research within the six areas of common interest, 13 BNL and utility staffers were named as contacts. Meeting participants suggested that BNL staff visit utility R&D labs and operating plants to understand the industry's needs better, and that the electric utilities and Lab could exchange staff once projects get underway.

"This is a new direction for the Lab, as well as for the utilities," commented William Marcuse, ORTA head. It is made possible by Congressional legislation, beginning with the Stevenson-Wyder Act of 1980 and culminating, most recently, with the Federal Technology Transfer Act of 1986. Signed into law last month, this act empowers the agencies running the 300 Federal laboratories to authorize the laboratory directors to undertake

cooperative research with the private sector.

The Department of Energy's (DOE) interest in BNL's new initiative with industry was evidenced by the presence of DOE Assistant Secretary for Nuclear Energy David Rossin. He addressed one of the electric utilities' major concerns — the future of nuclear energy for the utility industry.

He was optimistic about the development of standardized, modular nuclear power plants, which would be safer, more reliable, cost less and be easier to license than a conventional nuclear power plant. Reported Rossin, "The utilities, vendors, Electric Power Research Institute and DOE are pursuing an advanced, light-water reactor program, and we hope that the Nuclear Regulatory Committee will certify our design by 1990. Without such a standardized and simplified reactor, I doubt that utilities will invest in nuclear power again."

"The utilities are not going to solve their problems as they have in the past: by building new, conventional power plants and getting rate increases," explained Baron, who moderated the final discussion session between the utilities and BNL researchers. "These problems are going to be solved with new ideas and through cooperative research."

— Marsha Belford

## Briefing: 1986 Tax Reform Act

Frank Federmann, AUI's Chief Internal Auditor, and Barney McAlary, BNL's Fiscal Officer, will conduct a briefing on the Tax Reform Act of 1986 and its implications for BNL employees. The briefing will be held Wednesday, December 3, from 5:15 to 7:15 p.m., in the Berkner Hall auditorium. All are invited to attend.

## Joint WIS/AWIS Dinner Meeting

Adelaine Naiman, software director for HRM Software, Cambridge, MA, will speak at a Women in Science (WIS) dinner meeting on Wednesday, December 3, in Berkner Hall, Room A. Dinner, which will be through the cafeteria line, will start at 5:30 p.m. Naiman's presentation, "Using Your Knowledge of Science in Developing Educational Software," will begin at 6:30. This will be a joint meeting of Brookhaven WIS and the Long Island Chapter of AWIS, and the Laboratory community is invited.

Naiman supervises the development of computer programs and their documentation written to instruct high school and post-secondary school students in science, psychology, mathematics, social sciences and language. She is the vice chair of the Massachusetts State Education Technology Advisory Council.

Naiman received her A.B. from Radcliffe College and attended the Institute of Design in Chicago. She has authored numerous books and

## Notice

Because of the Thanksgiving holidays on Thursday and Friday, November 27 and 28, the Bulletin will not be published next week. We will be back on the stands December 5. The deadline for acceptance of ads for that issue is noon on Tuesday, November 25.

## Say Thanks by Giving

This Thanksgiving, you can show your thanks for all you have by giving to others — through the United Way. So far BNL'ers have donated over \$55,000 towards the \$75,000 goal of the 1986 campaign. One of the donors was Wenzel Rowan, Supply and Materiel, who found his generosity rewarded this week when his donation card was drawn for the prize of \$50 toward a dinner for two. The prize will be given every week of the campaign.

## CREF Values

October	77.12	November	82.20
December	85.78	January	86.50
February	92.83	March	98.20
April	98.28	May	101.66
June	103.22	July	98.16
August	105.20	September	97.72
October \$101.30			

## IBEW Meeting

Local 2230, IBEW will hold its regular monthly meeting on November 24, at 6 p.m., in the Knights of Columbus Hall, Railroad Avenue, Patchogue. On the agenda will be regular business, committee reports and the president's report.

## -BERA News-

### Swim Club

Ron Wittlock, who qualified for the 1956 Olympic trials in the 100-meter backstroke and is an award winning Master's backstroker today, will coach the backstroke at the next meeting of the Swim Club. Join us at the pool on Thursday, December 4, at 5:15 p.m.

### BERA Members Shop for Less

Here's some exciting news for all BERA members:

*What's the news?*

BERA members can buy televisions, washing machines, cameras, motor oil, groceries, luggage and much, much more at costs only 5% above wholesale.

*Why do BERA members get this discount?*

Because BERA has obtained a Group membership in BJ's Wholesale Club, a subsidiary of the Zayre Corp.

*Where is BJ's Wholesale Club located?*

There are 15 warehouses, the closest of which just opened at 123 Smith Street, East Farmingdale.

*When are they open?*

Mon.-Fri., 11 a.m. to 9 p.m.; Sat., 9 a.m. to 9 p.m.; Sun., noon to 5 p.m.

*How can they sell at such low prices?*

BJ's Wholesale Club eliminates many conventional costs, passing the savings along to club members. For example, shoppers at BJ's carry away their own merchandise, saving handling, shipping and delivery charges. Also, members pay by cash or check, eliminating any overhead for billing or credit departments. Finally, there are no fancy showrooms, carpeting, colorful displays or expensive signs. Just first quality, nationally advertised, brand name merchandise — no seconds or rejects — bought carefully and in large quantities.

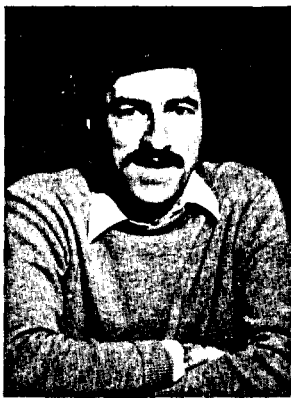
*How do I take advantage of BJ's?*

Just stop in the BERA Sales Office and pick up an application form. Fill it out and bring it to BJ's (do not mail it), along with your BNL identification card. Your application will be approved, and you can begin shopping at BJ's that very day. There is no membership fee.

### Bowling

#### White League

High games were bowled by Joe Mayeski 235/198/622 scratch, Ruth Sheehan 220, Ed Sperry IV 214/206/605 scratch, Ken Riker 203, Ted Erickson 200, Sharon Smith 189, Pat Manzella 185, Maria Apelskog 184.



Ruth Kempf won the women's individual league championship.



Steve Sutton took the men's individual league title.

## BGA Golf Champions

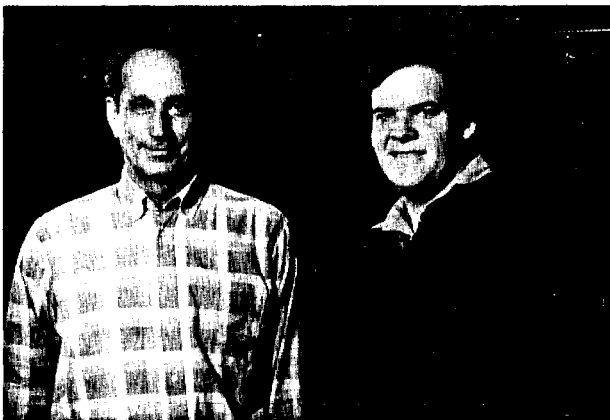
The BERA Golf Association (BGA) recently brought its season to a close with the completion of its team and individual league playoffs.

The team league championship was won by Vinnie Racaniello and Doug Sweely. They defeated Garry Barnett and Peter Boyle (Group 4 regular season winners) in the final match. Other regular season group winners were: Group 1 - Artie Dick and Mike Zguris, Group 2 - Joe Mayeski and George Speidell, and Group 3 - John Connelly and Tom Holmquist.

The individual league championship was won by Steve Sutton, who defeated Joe Murray (Group 2 regular season winner) in the final match by a score of 3 and 2. Marshall Elzinga was the regular season winner in Group 1. The regular season championship in Group 3 ended in a three-way tie among Bill Cahill, Joe Carbonaro and Ron Weider.

An inaugural event, the women's individual championship was won by Ruth Kempf; the runner-up was Joan Lawrence.

The year-round awards for best overall performances in the BGA tournaments went to John Millener (gross score standings) and Joe Bauernfeind (net score standings).



Photos by Peter Horton

Vinnie Racaniello (left) and Doug Sweely paired up to win the Golf League's team championship.

## Give to the Kids

This is the first week of the "1986 Interface Toys-for-Kids Drive," which will continue until Friday, December 5. For the third year, BNL is participating in this annual project, organized by the Town of Brookhaven to provide happy holidays for needy young people in our local communities.

Drop off donations at the BERA Sales Office between 9 a.m. and 2 p.m., Monday through Friday. Although new toys and gifts are preferred, those that are slightly used but in good and clean condition will also be appreciated. Gifts for tiny tots, pre-teenagers and teenagers are requested. Items such as wallets, key rings, brightly colored scarves and belts, costume jewelry, books and games would be appropriate.

As the drive progresses, assistance may be needed during some noon hours. To volunteer, call Blanche Laskee, Ext. 2873.

## 40th Anniversary Picnic Plans

The BERA Special Events Committee has gotten the go-ahead to begin planning for a super-extraordinary employee picnic in celebration of the Laboratory's 40th Anniversary. Even though the event won't be held until next September, Committee Chairperson Rosalie Piccione says, "For a celebration as big as the one we would like to have, it isn't too early to gather together a lot of people with a lot of good ideas. Very shortly, a meeting of all BERA activity leaders will be called by Special Events Committee member Liz Mogavero. Please answer her call."

## Volleyball

### Standings - Week of November 10

Open League	
Phoenix	12-0
Dakota	11-1
Court Jesters	7-5
Target	7-5
Rowdy Radicals	6-6
Odds & Sods	5-7
Duituits	0-12
Out of Control	0-12
League I	
Dinkers	9-0
Upfagrabs	8-1
Xrayted	4-5
Bumpers	2-7
Net Results	2-7
Phoubars	2-7
League II	
Nuts & Bolts	9-0
TNT	5-1
Chunga's Revenge	5-4
Fossils	4-2
Cannonballs	4-5
Upton-Ups	0-6
Misfits	0-9
League III	
Floater	9-0
Foul-Ups	7-5
Net Results	5-7
Print-Outs	5-7
Sorcerers	4-5
Screwballs	4-5
Odd Couples	2-7

## Concert Rehearsals

A schedule of rehearsals for a Christmas Concert by the BNL Choral Group has been set for Tuesdays and Fridays starting December 2, at noon, in Berkner auditorium. Each rehearsal is expected to last not more than half an hour. Please arrive at noon sharp.

All parts are needed, especially sopranos. Won't you join with the Choral Group for these rehearsals? The concert will be presented in the cafeteria during lunchtime on Wednesday, December 17. For more information, call John Weeks, Ext. 2617.

## Self-Service In the Cafeteria

The Cafeteria has introduced two new "self-service" ideas. In both cases, patrons fill their dishes with as much as they want, then bring them to the cashier. Each cash register now boasts a scale, for weighing the purchase, which is priced by the ounce. Items that can be bought this way are:

- Soft-served yogurt — This delightful dessert is now available in two flavors — chocolate and vanilla — on alternating days at 22 cents an ounce. Depending on the public's response, future options include a toppings bar and more flavor choices (the yogurt is available in as many as 16 flavors.)

- Salad — Cafeteria customers can now dish up as much as they want from the ever-popular salad bar, for only 22 cents an ounce.

## Note to Diners

The Cafeteria will operate only the snack bar service from 9 a.m. to 2 p.m. daily over the Thanksgiving holiday weekend, Thursday, November 27, through Sunday, November 30.

The Center will be closed on Thursday, Friday and Saturday, reopening at 5 p.m. on Sunday, November 30.

The vended food service in Bldg. 912 will be in operation throughout the Thanksgiving holiday.

## Cafeteria Menu

### Week of November 24

<b>Monday, November 24</b>	
Cream of Broccoli soup	(cup) .70
	(bowl) .90
Sautéed beef tips w/1 veg.	2.55
Shrimp stir-fry over rice	2.85
Egg salad & cottage cheese plate (lite-weight)	2.20
Hot vegetable plate (lite-weight)	2.25
Hot Deli: Ham garden club	(bread) 2.35
	(roll) 2.45
	(hero) 2.50
<b>Tuesday, November 25</b>	
Southern beef vegetable soup	(cup) .70
	(bowl) .90
Baked ziti w/garlic bread	2.55
Fried clam plate w/1 veg.	2.75
Hot vegetable plate (lite-weight)	2.25
Hot Deli: 6-foot hero	1.10/inch
<b>Wednesday, November 26</b>	
Beef barley soup	(cup) .70
	(bowl) .90
Fried chicken w/choice of 1 veg.	2.65
Broiled fish w/1 veg. (lite-weight)	2.85
Hot Deli: Roast beef	(bread) 2.45
	(roll) 2.55
	(hero) 2.65

### Week of December 1

<b>Monday, December 1</b>	
Chicken noodle soup	(cup) .70
	(bowl) .90
Baked herbed chicken w/1 veg.	2.65
Skinless herbed chicken w/1 veg. (lite-weight)	2.65
Mexican chili over rice	2.45
Hot Deli: French bread pizza, sausage topping	2.55
<b>Tuesday, December 2</b>	
U.S. Senate bean soup	(cup) .70
	(bowl) .90
Pot roast of beef w/1 veg.	2.65
Broiled fish w/1 veg. (lite-weight)	2.85
Hot Deli: Grilled Reuben	2.55
<b>Wednesday, December 3</b>	
Turkey rice soup	(cup) .70
	(bowl) .90
Roast pork loin w/apples & prunes	2.65
Baked meatloaf w/Spanish sauce & 1 veg.	2.55
Hot vegetable plate (lite-weight)	2.45
Hot Deli: Turkey	(bread) 2.45
	(roll) 2.55
	(hero) 2.65
<b>Thursday, December 4</b>	
Puree of split pea soup	(cup) .70
	(bowl) .90
Vegetarian lasagna w/garlic bread (lite-weight)	2.65
Shrimp & broccoli stir-fry (lite-weight)	2.75
Hot Deli: Fresh ham	(bread) 2.45
	(roll) 2.55
	(hero) 2.65
<b>Friday, December 5</b>	
New England clam chowder	(cup) .70
	(bowl) .90
Broiled fish w/1 veg.	2.85
Spaghetti & meatballs — all you can eat	2.95
Hot Deli: Virginia ham	(bread) 2.45
	(roll) 2.55
	(hero) 2.65

## BROOKHAVEN BULLETIN

Published weekly for the employees of BROOKHAVEN NATIONAL LABORATORY

ANITA COHEN, Editor  
MARSHA BELFORD, Senior Reporter  
LIZ SEUBERT, Reporter

35 BROOKHAVEN AVE., UPTON, N.Y. 11973  
Telephone (516)282-2345

