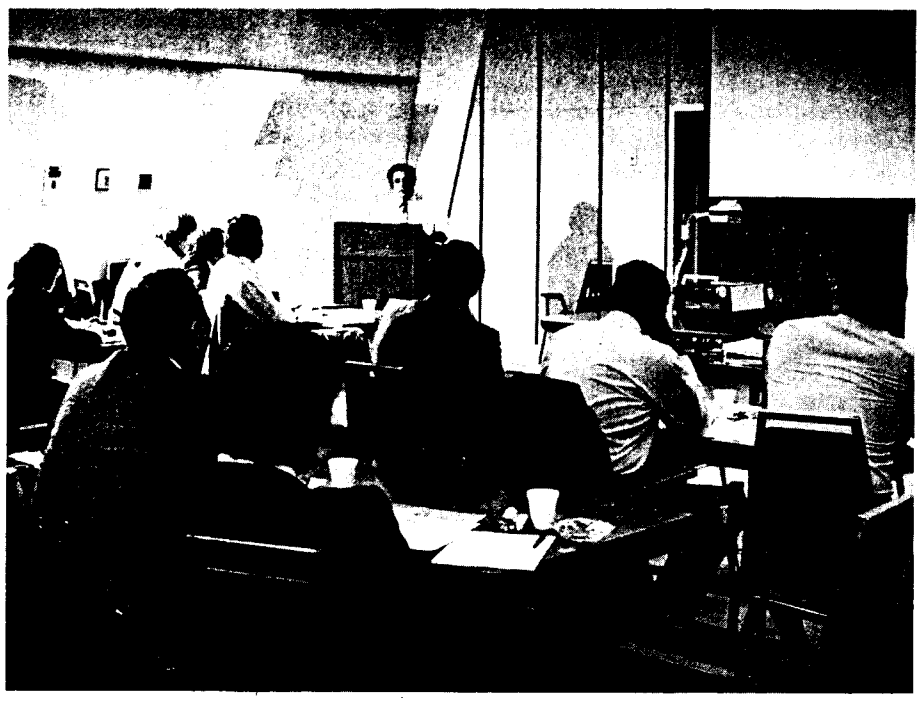
BROOKHAVEN BULLETIN
Vol. 35 - No. 43 November 6, 1981
BROOKHAVEN NATIONAL LABORATORY

Lab Hosts Seminar For Audit Managers



Doug Humphrey

Audit executives representing eighteen major companies in the Metropolitan area met at BNL on October 28 for a seminar organized by AUI's Frank Federmann under the auspices of the Institute of Internal Auditors. Here, Federmann, chief internal auditor at BNL, introduces the 26 attendees to the day's topic - managing the audit function. Auditing, Federmann explained, provides an opportunity to objectively review an operation from the standpoints of both accounting and management. Internal auditors review their own organizations for their recommendations, while objective, also reflect their understanding of that organization and its goals. As Federmann said, "Having an internal audit function is like having business consultants on the staff."

A Vote For ISABELLE

ISABELLE received an important vote of confidence on November 1 from the High Energy Physics Advisory Panel's Subpanel on Long Range Planning. In an interim report submitted to the U.S. Department of Energy, the Subpanel strongly recommended "that the ISABELLE project go forward and be completed during this decade."

According to Deputy Director Nicholas Samios, "It is gratifying that this panel has reaffirmed the scientific importance of ISABELLE, as well as its technical feasibility. We look forward to the next years of construction, to ISABELLE's timely completion, and to the outstanding research program to be carried out at this accelerator."

Formed in August 1981, the Subpanel is chaired by George Trilling of Lawrence Berkeley Laboratory. He and twenty other distinguished panel members, including BNL physicist Bob Palmer, were charged with reviewing the status and prospects of all aspects of the U.S. high energy physics program, and developing a strategy and long range plan for the U.S. program over the next decade, under four possible levels of financial constraint. The Subpanel's final report is due in January, 1982. However, acknowledging the "pivotal role the ISABELLE program has on long range planning," the charge also required an interim report by November 1, evaluating the priority of ISABELLE.

After a careful analysis of the accelerator project, the report noted that "ISABELLE provides a major new facility that will enable the U.S. High Energy Physics Program to remain active and healthy during this decade and into the next." To support ISABELLE construction and other essential components of the U.S. Program, the Subpanel recommended a minimum annual level of funding averaging $440 million (FY 1982 dollars) in DOE funds per year, in addition to $35 million from the National Science Foundation.

This recommendation, while less than the highest funding level considered, is slightly above the DOE/OMB agreement of 1978. However, the report stresses that, " Support at this level will provide a lean, but healthy U.S. Program in high energy physics over the coming decade." With the total remaining ISABELLE costs, beginning FY 1983 estimated to be $500 million, the balance of the funding would support such other critical program components as the Energy Saver and Tevatron program at Fermilab, R&D for the electron-positron collider at SLAC, and adequate utilization of existing facilities.

Although the Subpanel will study other aspects of the U.S. program before submitting its final report, it is expected tht DOE will use the Interim Report to form the basis of its budget recommendations for FY 1983.

Recognizing Resources

Reducing costs is the number one topic in the nation, and how best to do this has occasioned much thought and produced many suggestions.

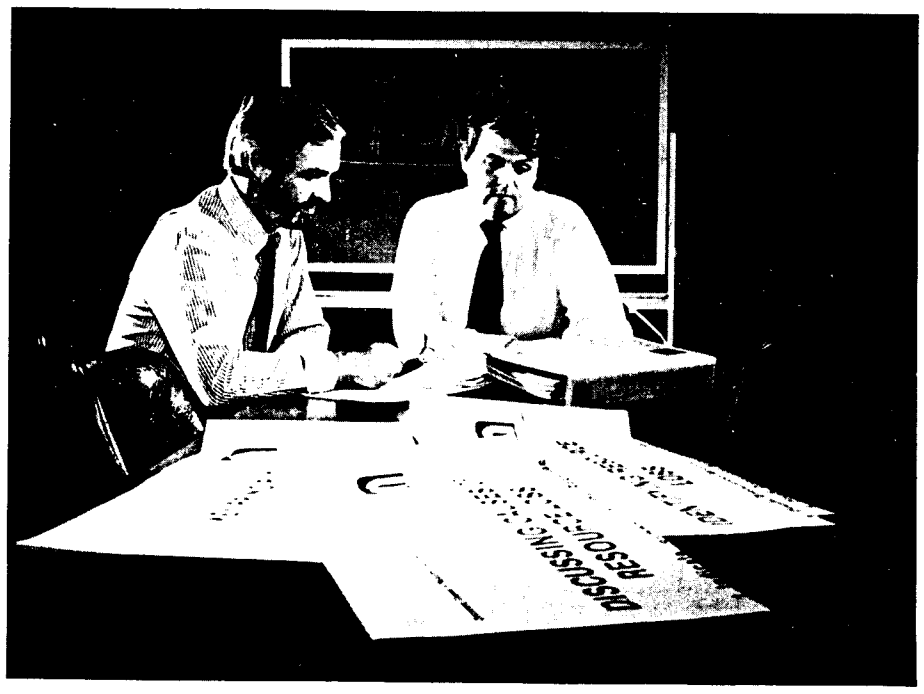
One way to deal with the problem is to take a sharp look at what you have and design ways to use it more efficiently. This approach is called resources management, and the Laboratory is instituting a training program for supervisors who have responsibility for some of these resources. The first group of supervisors to undertake training has been drawn from Plant Engineering, Photography and Graphic Arts, and Supply and Materiel.

In this program, resources are defined as energy, labor, materials, tools, facilities, equipment and money. The program will focus on action that can be taken by the participants in their own work areas to reduce losses and to increase productivity, with the emphasis on team work.

At the core of the program will be 18 first-line supervisors who will start their training later this month. When training is complete, each supervisor will be given eight weeks in which to devise a cost saving project within his field of responsibility, the savings from which must be documented and verifiable.

In this endeavor, each supervisor will work in cooperation with six second-line supervisors and six other staff members. These groups will have participated in affiliated workshops and will provide reinforcement and advice to first-line supervisors on implementing the cost saving projects.

The program has been organized and will be conducted by William Hempfling, Training and Development Administrator, and John Burdick, Senior Personnel Representative. They say the objective of the training is to have the participants look at their own areas from a different perspective, analyze problems and recommend solutions. Hempfling notes that many companies have found the program to be successful in strengthening problem solving skills among supervisory ranks and, subsequently, in improving productivity and overall working relationships.



Doug Humphrey

John Burdick (left) and William Hempfling

Fredrickson On Loan To United Way

Until recently, Cliff Fredrickson was relatively uninformed about the United Way of Long Island. Although he made an annual contribution, he was neither an active campaigner for nor a critic of the United Way. In short, he was like most of us.

Unlike most of us, however, Fredrickson was given a unique opportunity to take another look at the United Way — from the inside. As BNL's loaned executive for 1981, he is temporarily located at United Way's Melville headquarters, helping companies throughout Long Island set up their annual fund-raising campaigns.

Along with 25 other people from various organizations who are involved in the loaned executive program, Fredrickson is responsible for United Way campaigns in both Nassau and Suffolk Counties. Meeting with company management, training and educating hundreds of company personnel in solicitation techniques, and organizing fund raising programs are just a part of his day to day activities.

Of course, before he could help others, Fredrickson had to learn about United Way himself. Through an intensive training program involving courses in management by objectives, public speaking, fund raising techniques, and tours of many of the 120-plus agencies supported by United Way, he gathered the facts — and more. He also came to believe wholeheartedly in the United Way effort.

What is it that most impresses him? Fredrickson says it is the volunteer nature of the organization. To start with, he cites his own position. "I am a volunteer fulfilling a voluntary commitment made by George Vineyard for BNL. Since I've been with United Way, I've realized that many others share that same sense of commitment."

Mort Rosen

Cliff Fredrickson

Volunteerism is the reason for United Way's low overhead. Out of every dollar donated to the organization, 86¢ goes directly to the supported agencies. In fact, which groups receive funding, and how much, is also decided by volunteers. Fredrickson explained, "Most people think of giving money. But some people either can't give money or are concerned about where their money's going. So they often volunteer their time directly to the agencies or join the Citizen's Review Board, the group that ultimately decides how United Way funds are allocated."

Fredrickson has also been struck by United Way's evolution into an organization anyone might turn to. "You don't generally see yourself requiring these services," he said, "but people do suffer catastrophes. If those services weren't there, what would

(Continued on page 3)

Job Opening

The U.S. Department of Energy has announced a position open for a Health Protection Specialist, GS-1301-11/12/13, at the on-site Brookhaven Area Office. The position requires technical and administrative work in areas of health physics, environmental protection and industrial hygiene, with emphasis in health physics.

More information and application forms are available from Doris DeWitt, Bldg. 464, Ext. 3427, or write to Chicago Operations, Personnel Division, Att. Lucy Garcia, 9800 S. Cass Ave., Chicago, Ill. 60439.

Arrivals & Departures

Arrivals

De Lyle Eastwood .... Nuclear Energy
Thomas J. Emge ..... Chemistry
Christopher J. Lister ..... Physics
Philip H. Pile ..... Physics

Departures

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

Donald G. Cole ..... Adm. Sys. D/P
Frank R. Garafola ..... Applied Math.
Thomas J. Haycock, Jr. .... N. Energy
Gary A. Nintzel ..... Physics
John H. Petersen ..... Physics

WIS Lecture On Alcoholism

Dr. Sheila Blume, director of the New York State Division of Alcoholism and Alcohol Abuse, will discuss "Alcoholism: What Do We Know About It and What Can We Do About It?" on November 18 at 6 p.m., Room A, Berkner Hall. The lecture is sponsored by Women In Science.

Sheila Blume, M.D.

Before her current appointment, Dr. Blume was director of the C.K. Post Alcoholism Rehabilitation Unit, Central Islip Psychiatric Center, from 1964-1979. She holds an M.D. degree from Harvard Medical School and is a graduate of the New York School of Psychiatry.

Dr. Blume received the Dr. Milton Helphern Distinquished Physician's Award in 1980 for Outstanding Contribution to the Field of Alcoholism, and was nominated for the White House Presidential Commission on Alcoholism and Other Alcohol Related Problems.

She has been a consultant to government agencies at the national level and holds appointments on various state and local committees. She is president of the American Medical Society on Alcoholism (the medical arm of the National Council on Alcoholism), and is on the faculty of the Caribbean Institute on Alcoholism, St. Thomas, Virgin Islands. She also holds academic appointments at Albany Medical College and at the School of Medicine, SUNY at Stony Brook.

A buffet dinner will be served prior to the lecture, at 5 p.m. in Room A. Reservations for the buffet should be made by calling Betty Heldman on Ext. 3699 before November 13. Dinner tickets are $6.25. For any further information, call Ann Smith, Ext. 5366.

Cost Cutters' Corner

The Cost Cutting Committee was hard at work this week examining the many suggestions that have come in and responses to the cost reduction ideas printed in earlier Bulletin articles. And chairman Joseph Hendrie says, "keep those cards and letters coming!"

The committee had planned to reply individually to each person making suggestions and giving reactions, but the many responses received make this impractical (and too expensive for a cost-cutting group).

So, chairman Joseph Hendrie sends the committee's thanks and appreciation to all who have written in. He said the committee will be listing the suggestions and responses, perhaps in an appendix to its report, and will outline why suggestions were adopted or discarded. He noted that a number of suggestions which would require building and equipment modifications to permit more efficient operations may not be possible because funds are not available for such modifications.

Selections from the committee's mail bag this week include:

- Employees should pay half the cost of safety shoes and glasses.
- Collect and resharpen twist drills; don't issue new drills without turn-in of dull or broken ones.
- Centralize word-processing units by department instead of having a machine for each secretary or group
- Ban use of room air conditioners unless needed to cool experimental equipment.
- Collect excess materials, parts, equipment from the research groups and make those items available at a central warehouse.
- Stop individual addressing of Lab-wide distributions. Instead, send the proper number of copies to each mail drop, as is done for the Bulletin.
- Employees should not accrue vacation or sick time while on vacation or sick leave.
- Eliminate college tuition refunds and AUI scholarships until better times.
- Review telephone treatments - put most phones on a Lab-only treatment and put in more pay phones for personal calls.

The Joys Of Cooking

Poori and curry, German apple pancake, egg and cheese souffle, blueberry muffins and all-in-one breakfast shake. What do these dishes have in common? Depending on where you live, you might rise and shine and breakfast on any one of them.

Last week Wednesday, in the Recreation Building on site, members of the BNL Cooking Exchange demonstrated these breakfast dishes before a crowd of 35 — all female and all eager to expand their recipe repertoire.

The Cooking Exchange was officially organized under the BERA umbrella in 1965. It's open to all employees and their immediate families, but its active membership is mostly made up of employees' wives who share a love of cooking and love sharing their creations.

The club also serves a social function. Said Ruth Fernow, one of five committee members who organize the bi-monthly meetings, a large portion of the women who attend the meetings live on-site, and it's a good way for new people to make friends. She also said the membership is transient because few families live on site longer than a year. But Mrs. Fernow thinks that's ideal for the group, whose pleasure lies in trying new dishes. A constant flow of new people means a regular supply of new recipes.

On the Wednesday meeting before Thanksgiving, however, there will be nothing new on the menu, which will feature a traditional turkey. The committee members decided this year to have a typical Thanksgiving meal for the benefit of the foreign members of the group.

The Thanksgiving meeting is being organized by Adrienne Usher, who has been in the Cooking Exchange for several years. Mrs. Usher has built a reputation for demonstrating recipes she has never tried before. She said her normal style of cooking includes a lot of improvising, but she can usually predict the final outcome of a dish by what she puts in it.

Unlike Mrs. Usher, most of the women who demonstrate do favorite recipes that have survived the scrutiny at home. Committee member Bernie Benz described the general format of each meeting. All attendees pay $1 each, which covers the cost of ingredients for the recipes prepared. Five or six recipes are demonstrated in sequence, starting with the one taking the longest to cook. If a dish is very time-consuming, like a yeast bread, it's usually pre-made. That's because all the cooking must be completed before the last half hour of the meeting so everyone can have a taste. Recipes are passed out, and the taste test determines if they are taken home and tucked in a recipe file or quietly thrown away.

Mrs. Fernow, who has been in the Cooking Exchange since 1978, reported that most dishes turn out fine. The best recipes are put into cookbooks. So far, the Cooking Exchange has published three volumes, and the latest one is on sale at the BERA film service office.

Other special activities of the group include an after-work cocktail party during the holiday season, open to anyone who brings a dish, and an international dinner in May that climaxes the cooking season. Open only to those who have demonstrated or somehow participated in the meetings, the dinner is a time for showing off culinary skills.

Every year, one meeting is planned for men in the kitchen. This time, it's being organized by Cindy Grier. Part of the organizer's job is to recruit demonstrators, and Mrs. Grier said she's gotten a head start because her husband Boyce, a research associate in Physics, loves to cook and does 80% of the cooking at home. She reports he's very careful and exact with measurements, but he's also prone to trying odd combinations of ingredients and concocting unusual dishes.

Besides the annual all-male demonstration, the Cooking Exchange maintains another tradition. Jacqueline Newman, Professor of Home Economics at Queen College, CUNY, demonstrates once a year. Dr. Newman (husband Leonard is head of the Environmental Chemistry Division, DEE) is a recognized authority on Chinese cooking. She's scheduled for the meeting on November 11, which is a Lab holiday, so people who ordinarily cannot come will be able to attend this one.

What's cooking? Not Chinese, according to Mary Daum, organizer of this meeting. She said Dr. Newman, an expert on many other cuisines, will be doing a cross-cultural comparison of stuffed cabbage. If you have your own version of this popular and economical dish, you might find this cooking exchange particularly interesting. Dr. Newman will prepare stuffed cabbage from Africa, Asia and America.

Cooking Exchange
November 11
Jacqueline Newman
12:30 — 2:30 p.m. (meeting will begin promptly at 12:30 in the Recreation Building)
$1 charge, babysitting 50¢ per child

Doug Humphrey

Bernie Benz whipping up blueberry muffins.

Cut It Short

The illusion that FTS is "free" persists in the minds of many users. Granted, the user usually doesn't see the bill; and the Communications Charge Report indicates the cost of an FTS call as $.00. However, that is not so. Actually the FTS is prepaid.

Effective October 1, FTS costs at BNL increased to $512,000, 48% over F/Y 81 costs. That is one change. Another is that prior to October 1, total cost to the government was prorated among users on a per call basis. Now the total cost is to be prorated on a minutes used or holding time basis.

Our average FTS call is almost five minutes in duration while the average non FTS call is more than a minute shorter. If we can avoid the "weather check" and other trivia on FTS we may be able to reduce the total holding time and thereby support a request for a downward adjustment in the billing allocated to BNL. One minute less on each call would constitute a decrease of 21%, and 21% of $512,000 ain't hay.

—William S. Webster
Mgr., Staff Services

Golf

The BERA Golf Association end of the year party and awards dinner will be held on Friday, November 13, starting at 5:15 p.m. in the Recreation Hall. Those who plan to attend should send $2.00 to Ron Webster at Building 526.

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Fredrickson (Continued)

they do?" Now people who find themselves in need of help can call a newly-established central number, 249-1100, to be referred, in confidence, to the agency that can best be of assistance.

This year, Fredrickson said, the United Way has also initiated a program to make special funds available for short term "crisis" grants to normally-solvent people suddenly faced with a family-threatening situation. Such conditions might exist, for example, after a fire — a tragic event, but one which could happen to anyone.

These are the types of programs that are making Cliff Fredrickson proud to be BNL's loaned executive. When his campaigns are completed, he will return to his position as associate program manager for DEE's Chemical/Hydrogen Energy Storage Program. But for now he's doing his best to make sure that when that day comes "I feel satisfied that I've taken that one extra step to make positive things happen."

About Glaucoma

Chronic glaucoma is the leading cause of blindness in people over 40 and it usually presents no warning symptoms until permanent eye damage has been done. Glaucoma develops when the fluid in one or both eyes does not drain properly, resulting in a slow increase in the pressure within the eye. Eventually the prolonged pressure can irreversibly damage vital structures within the eye resulting in permanently impaired vision and, ultimately, blindness. Occasionally a sudden build-up of pressure can occur in the eye resulting in acute glaucoma, but this is much less frequent than the slow build-up of chronic glaucoma.

Numerous instruments are used for detecting glaucoma. In the clinic we have an air tonometer which sends a puff of air onto the surface of the eye and measures the amount of resistance it takes to compress the cornea. If the resistance is high, it is an indication that the pressure within the eye is elevated. This is a painless, non-invasive procedure that takes only a few seconds and is done on all patients over 40 receiving physical examinations. If the eye pressure is found to be elevated, patients will be referred to an ophthamologist for further evaluation.

Once discovered, glaucoma can be treated with eye drops that lower the eye pressure by enlarging the drainage passageways in the eyes, or by medications that reduce the production of fluid in the eye. For those whose glaucoma cannot be controlled by medication, a surgical procedure can be done to relieve pressure in the eye by creating a passageway for fluid to drain.

Make sure you have periodic eye examinations by an ophthamologist, especially if you are over 40, and see an ophthamologist should you develop any change in vision or unexplained symptoms in the eye (pain, halos around lights, etc.).

—Caroline Kramer, R.N.
Occupational Medicine Clinic

Party Reservations

The Recreation Building in the Apartment Area will be available for holiday parties during the period December 11 through December 30. Any Laboratory organization (departments, divisions, etc., or BERA activity groups) interested in making a reservation may do so by calling Blanche Laskee, Ext. 2873, or by stopping in at the Recreation Office in Building 185.

Party dates will be assigned on a first-come, first-served basis, and no reservation requests will be accepted after Friday, November 20.

Tea & Sherry Time

"Fun and Fitness" is the theme of the Hospitality Committee's next Tea & Sherry Party, to be held on Thursday, November 19. Included will be demonstrations and information about aerobics, gymnastics, jazz, yoga, belly dancing, kung-fu, cosmetic and color counseling, and nutrition.

All women employees and wives of Laboratory employees and guests are invited to come to the party in the Brookhaven Center from 3:30 to 5:30 p.m. Babysitting will be provided free of charge in the gymnasium.

Painter Prizes Pumpkin

Doug Humphrey

Skill and luck combined last Friday to make Arthur Anderson the winner of this 66-pound pumpkin. Anderson, a lead man in the paint shop, skillfully guessed the pumpkin's weight at a close 65 pounds - but so did five other people! When all six names were put in a hat, luck made Anderson win the drawing. He admits to being pleasantly surprised. "I never won anything in my life," he said, "but I wish it were the New York State Lottery." Still, Anderson was thrilled with his prize and planned to share his good fortune. First, the pumpkin decorated the Halloween program of the First Baptist Church of Riverhead; now, it will put pies on the menu at the Ridge Rest Home.

Volleyball

A Division

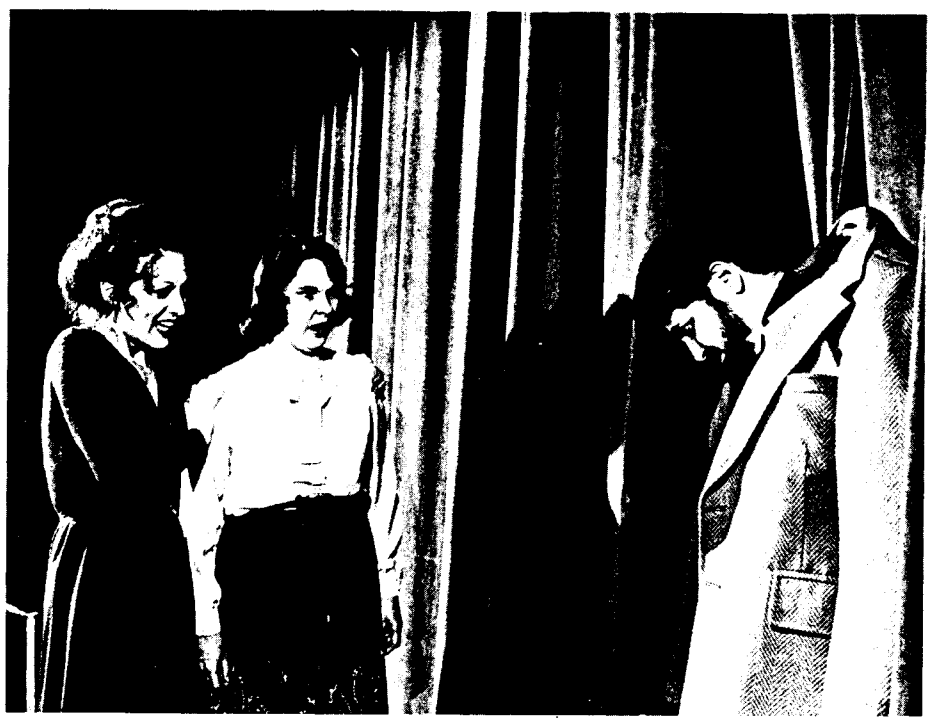
The Teddybares took two from the Nuts & Bolts with scores of 15-7, 15-6, and 11-15. High Society over Las Bolas, 15-3, 15-8, and 15-6. The Mixed Ups took all three from the Leftovers, 15-12, 15-3, 15-4.

B Division

Puff & Stuff took all three from K.M.A., 15-9, 15-5, and 15-7. TNT over the Quirks, 17-15 (tight game), 3-15, and 15-10. Semi-Tough picked up three from the Big Boopers, 15-4, 15-4, and 16-14.

Information on standings will be included in next week's Bulletin.

Exit Laughing



Kate Bixley (Angela Castellano) and Crane Hammond, the well-known mystery writer (Penny Baggett) are horrified to discover a body (Neil Baggett) in their rented summer home in Vermont, in the BNL Theater Group's Fall Production, "Exit the Body." Performances are November 13, 14, 20, 21 at 8:30 p.m. in Berkner Hall. Tickets are $3.00 adults, $2.00 senior citzens and students under 18. Call Ext. 3940 for reservations. Don't miss this mystery farce, with missing jewels, mysterious bodies, and wonderful character actors for lots of laughs.

Special Train Trip

In addition to the regular Wednesday LIRR train trips to New York City, the Hospitality Committee has decided to sponsor a trip to the city on Saturday, December 12. Departure will be at 8:31 a.m. from the Patchogue LIRR station. The round-trip fare for adults will be $3.50; children under six years ride free. Watch for details in the next issue of the *Bulletin*.

Shop Early

For those who would like to get their stocking stuffers early, the Science Shop will be open Thursday and Fridays through November. Located on the west side of Building 701, the Graphite Research Reactor, the shop will open its doors from 10 a.m. to 1:30 p.m. on November 6, 12, 13, 19 and 20. For more information, call Ext. 4016 during shopping hours.

Afro-American Club

A regular meeting of the Afro-American Culture Club will be held Thursday, November 12 at 12 noon in Berkner Hall, Room A. All members and interested employees are invited to attend. Plans for the Pre-Thanksgiving Party and activities for Black History Month '82 will be discussed.

Winter Is Coming

All the Laboratory vehicles have been prepared for the season; heaters have been checked and antifreeze added.

The Automotive Maintenance Shop requests that no water be added to cooling systems except in emergencies, and, if such an emergency occurs, that they be notified so that antifreeze can be added to insure continued protection.

Motorcycle Club

On the agenda for the meeting on Monday, November 9, is election of new club officers: President, Vice President and Secretary/Treasurer. The meeting will be held at 5:15 p.m. in the Recreation Building, and a good representation of the membership is needed to conduct this business.

Bowling

Red & Green League

R. Barberich rolled a 265/649 scratch 736 gross series, E. Sperry IV 206, J. Ferrante 201, A. Pinelli 200, R. Wiseman 209/676 gross, A. Almasy 205, L. Musso 202/654 gross, J. Morris 205, R. Larsen 201, J. Petro 204, L. Schairer 204, P. Ouvrard 204, H. Arnesen 202.

White League

The Dips are still in first place. High games were bowled by B. Belligan 214, R. Jackimowicz 202, N. Erickson 199.

Pink League

The Knock Outs have moved into first place. High games were bowled by D. Johnson 174/187, E. Kristiansen 176, M. Connelly 167, M-G Meier 161, R. Rosati 176, J. Thiede 162.

Purple League

The Pen Macs are in first place. High games were bowled by E. Sperry 204, W. Milian 200, J. Ferrante 208, C. Tomesch 211, C. MacDougall 198/ 195/528 scratch. B. Jellett converted the 2-10 split.

Cafeteria Menu

Week Ending November 13, 1981

Monday, November 9		
Vegetable soup	(cup)	.55
	(bowl)	.65
Ham steak Hawaiian and 1 veg.		1.65
Sauteed chicken breast over rice		1.65
Hot Deli — Chili and cheese dog		1.70
Tuesday, November 10		
Old fashioned bean soup	(cup)	.55
	(bowl)	.65
London broil and 1 veg.		1.75
Southern fried chicken and 1 veg.		1.65
Hot Deli — Monte Cristo		1.70
Wednesday, November 11		
Snack bar service — 9 a.m.-2 p.m.		
Thursday, November 12		
Chicken noodle soup	(cup)	.55
	(bowl)	.65
Beef stroganoff over noodles		1.75
Veal Parmesan w/spaghetti and garlic bread		1.70
Hot Deli — Meatloaf hero w/choice of barbecued sauce or mushroom sauce		1.70
Friday, November 13		
Manhattan clam chowder	(cup)	.60
	(bowl)	.70
Yankee pot roast w/oven roasted potato		1.70
Seafood Creole on rice		1.65
Hot Deli — Swiss fishwich		1.70

Always put off until tomorrow what you shouldn't do at all.

•

Tact is the great ability to see other people as they think you see them.

•

Keep frowning: you'll get credit for thinking.

•

Sign on a New Orleans lawn: "Don't Mardigras."

Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position, with consideration given to candidates in the following order of priority: (1) present employees within the department, with preference to those within the immediate work group; (2) present employees within the Laboratory as a whole; and (3) outside applicants.

The determination of the best-qualified candidate for available positions will be based upon education, experience and other job-related criteria. Such factors will be evaluated and measured against the demonstrable requirements of the available vacancy, as well as the Laboratory's Affirmative Action objectives.

The Laboratory is committed to a policy of Equal Opportunity in its selection and placement of personnel. Its objective is equality of opportunity in employment, training, and promotion without regard to race, color, religion, national origin, sex or handicap.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all non-scientific staff positions; second, to give employees an opportunity to request consideration for themselves through Personnel; and, finally, for general recruiting purposes. Because of the priority preference policy stated above, each listing does not necessarily represent an opportunity for all candidates. As a guide to readers, the listings are grouped according to the anticipated area of recruitment, as indicated below. Except when operational needs require otherwise, positions will remain open for one week following publication date.

For further information regarding a placement listing, contact the Personnel Placement Supervisor, Ext. 2882.

There is currently a freeze on open requisitions, however, certain positions must be filled. The Director's Office has approved the filling of the following positions.

LABORATORY RECRUITMENT: Opportunities for present Laboratory employees.

1641. BIOLOGY ASSOCIATE - Requires BS in chemistry or physics or equivalent background. Also requires experience in bio-chemistry or biophysics and in protein crystallography plus knowledge of computer programming (FORTRAN) and computer operations. Will perform basic biochemical procedures, computer programming and operations, and maintain scientific reprint file. Biology Department.

Autos & Auto Supplies

65 OPEL - 1.1 motor, 4 spd, 36 MPG, 53,000 orig. mi, 2 dr. coupe. Ext. 2556 or 727-3894 after 6 p.m.

WHEEL RIMS - (2) GM 15", 5 hole, like new cond. $15./both. Azzara, Ext. 4758.

79 PLYMOUTH - Volare, 6 cyl, 4 dr, a/t, a/c, p/s, p/b, 36,000 mi. $3,600. Terry, 499-8377.

70 LTD - good running, a/c, p/s, p/b, new brakes. $300. Tom, Ext. 3703 or 286-1378 eves.

54 PONTIAC - $250. 289-1754.

65 JEEP - w/plow, cap, good running cond. Call Bud after 5 p.m. 281-2289.

72 VW CAMPER - sleeps 4, excel cond, 20-25 MPG, available early December. $2,500. Ext. 3417.

59 MERCURY - Cruiser, black, 60,000 orig. mi, v.g. cond. in & out, v.g. running. Must sell. $1,000. 281-0360 after 6 p.m.

73 TOYOTA CORONA - 4 new tires, new muffler. Asking $750. 736-3451 after 6 p.m.

73 PLYMOUTH - Suburban Station Wagon, a/t, p/s, v.g. cond. $850. Ext. 4253 or 928-4926.

72 SUZUKI + C125 - Dirt bike, good running cond. Fast. Asking $350. Jimmy, 588-0677.

SUNROOF - never used. $50. Terri, Ext. 2484.

HIWAY/CRASH BAR - two sets of footrests. Fits most cycles. $5. Mike, Ext. 4360 or 698-5861.

69 BUICK SKYLARK - brown, excel running cond. Great transp. for work. $375. 732-3842.

80 FORD BRONCO - XLT 4x4, p/s, p/b, 302 V8, a/t, Dunlop all season tires, extras, low mileage. $9,500. Ext. 2192 or 473-1967.

FIBERGLASS TOP - for '73-'75 Chevy Blazer, excel cond. $100. 929-4032 after 6 p.m.

76 CHEVY VAN - orig. owner, stick, p/s, good cond, 79K miles. $2,700. Weirshovsky, 757-5478.

70 FORD TORINO - 4 dr, V8-325, good transp, dark green. $600. 878-0432.

69 PONTIAC WAGON - good running & good cond, new tires & battery. $600. Jeb, Ext. 4088 or 286-0204.

74 VEGA - Sta. wgn, mechanically good, tires plus snows good, 25 MPG, excel trans, $850. Rau, Ext. 5384 or 286-0451.

74 PONTIAC - Firebird Espirite, good cond, am/fm stereo, 4 new tires. Asking $2,600. Dick, Ext. 4313 or 929-4551.

SNOW TIRES - studded, L78-15 Dunlop CW-144, mounted on 5 hole rims. Helen, Ext. 3069.

80 KAWASAKI KX125 - Dirt bike, excel cond, $850. 477-0264 or 477-2269 after 5:30.

62 CHEVY - buy complete car or parts. Joe, Ext. 2556.

77 HARLEY DAVIDSON - Superglide 1200cc, new paint, rebuilt top end, excel cond. $3,750. George, 298-8598.

CUSTOM PARTS - accessories, performance for your vehicle, low prices, name brands. Hans, Ext. 4581 or 281-5563.

BATTERIES - Auto, Foreign, Domestic, also Industrial and Misc. applications. J. Medina, Ext. 7636 or 924-6971.

71 CHRYSLER - New Yorker, dark green, vinyl roof, p/s, p/b, p/w, p/seats. Chassis & motor manuals. $750. Jim, Ext. 4040 or 289-0876.

76 KINGSTON - extra wide Horse trailer, custom deluxe tack box, electric brakes, excel cond. $2,500. 732-5445.

74 DODGE SWINGER - 6 cyl, good cond, good tires & new exhaust systems. 744-3421 after 6 p.m.

CUSTOM TRAILER HITCH - body mounted for Volvo sta. wgn Models 145 & 245, no welding required, bolt on installation, $10; Volvo 122S, 4 dr. Sedan, parts available: body shell, 4 drs, trunk lid, all in v.g. cond. Very cheap. Ext. 3783.

Boats & Marine Supplies

23' ALLMAND - fiberglass 150 HP Mercury I/O Cuddy Cabin w/trailer. $3,800. 475-2679 eves.

18' GARVEY - clam boat & 40 HP motor, must sell. $800 for both or $400. ea. John, Ext. 3292 or 286-1348.

CLAM RAKE - $30; water skis, $15; surf board, $40. 289-1754.

CHRIS CRAFT CAVELIER HULL - no engine 1961 hull good, needs paint. HR2-1206 after 6 p.m.

Free

PUPPIES - Schnauzer/Hit and run, 5 males, 2 females, 8 wks. old. Ext. 2023 or 422-1038.

RIMS - (2) 15" for Ford. Ext. 3282.

Yard Sales

GARAGE SALE - 6 Cooper St., Shoreham, 1 block south of Shoreham Middle School, off Randall Rd. Nov. 8.

Miscellaneous

1919 RCA - electric Gramaphone console, needs electrical work. $250. 475-5415 after 7 p.m.

REFRIG - 17 cu. ft. top freezer. $150. 281-2186.

CAPTAINS BED - w/four drawers & bookcase underneath. Make that small room seem spacious. Annamarie, Ext. 2352 or 473-9016.

STOVE - wood burning, new, never fired, Franklin cast Products ERIK 809. Haeg, Ext. 4863.

CRIB - dark pine finish, $60; dressing table, $15. Debbie, 399-1790.

ELECTRIC GUITAR - $20; Earth base reflex speaker, $85; weight lifting bench, $10; (2) black tweed l/r chairs w/green slip covers, $60; gold reclining chair, Danish style, $15; (2) Sears lawn mowers, $20. ea. 289-1754.

ORGAN - Orcoa, w/volume control, 50 chords, 37 keys, Maple w/books. 727-4884 eves.

SAW CHAIN SHARPENER - clamp on type, Sears #36509, w/files, never used, $10. Bob, Ext. 4824/4688.

JUKE BOX - needs some repairs, make offer. Annamarie, 473-9016.

SLICKER MIXER - unused, w/hole cutter, plastic seal plugs for 5 gallon paint pails. Don, Ext. 2225.

ICE SKATES - racing, size 7½, like new, $65. Firm; portable stereo, ages 10-14, $25. Ext. 4475.

DINING ROOM SET - Drexel, 4 chairs, table w/leaves, china closet, side table, $300. 929-4942 eves.

TV - 13" Panasonic portable color, $150. 475-0002 after 3 p.m.

TAPE DECK - Tandberg Model 64, 4 track open reel. $220. Ext. 3828 or 751-7250.

CAMPING EQUIPMENT - guitar w/bag, $30; Sears heavy duty ping-pong table w/access. $40. Ext. 3126.

HART SKIS - 210cm, quick release binding, $30; ski boots, 10½ & 11, $10. ea. Ext. 4058.

WASHER & DRYER - both in good working order, Kenmore washer & GE 220 Volt dryer (white) $100. ea. Terry, Ext. 3284 or 281-0360.

PROPANE TANK - and access. kit, extra tank never used. $18. 878-0717.

VIDEO GAME - Atari, plus 12 tapes. All perf. cond. $250. 363-6673 after 5 p.m.

MATTRESS - Stearns and Foster, queen size, ultra firm, like new, w/frame. $150. Theresa, Ext. 2913.

MAGNOVOX - Laser disc player stereo, output excel. $350. 929-6646.

UNICEF - 1981 Christmas cards, gifts, stationery. For Catalogs & order please call Ext. 4959.

BED - French Victorian, solid walnut, $1,500; Mink coat! Natural Wild Mink, size 14, good cond. $700. 472-0509.

LOVE SEAT - convertible, folds out to single bed, never used. Harvest gold. Cost $350. Price $195. Phil, Ext. 7934.

ROCK POLISHING SET - perfect cond, $15; AG-1B flash bulbs, $1.25/doz. Ext. 2041.

DEEP WELL - Jet pump, 3/4 HP motor, Micromet feeder, 30 gal. tank. $90. 286-0795.

CHILDREN'S ACCESSORIES - Biltrite carriage, $40; nursery musical lamp, $20; sit & spin, $8; tricycle, $10. Don, Ext. 7611.

OIL BURNER MOTOR - used, could be used as grinding stone motor, good cond. $5. Ann, Ext. 7611.

FIREWOOD - split, seasoned oak, 4'x16'x18" $100. delivered. 924-4284 or 924-3919.

BOOKS - complete set of "Discovering Antiques," 20 books, brand new, orig. $275. Sacrifice, $175; Piano, 1936 Console Spinett, v.g. cond, $1,000; Lamps: hand painted reconditioned 1950's, $35. & up. 472-0509.

AQUARIUM STAND BASE - 10"x36", $15; storm/screen door, $45. 878-0717.

BIKES FOR CHRISTMAS - boys & girls, 16 & 20", recon, better than new. $35. & 45. Typewriter — Man. Off. Recon. 581-6432.

DRUM SET - 8 pieces, padded stool, excel cond. $280. Alyce, 751-6815.

SKI POLES - 52", used twice, $10. Mike, Ext. 4360 or 698-5861.

BREAD BOX - chrome plated 16"x19"x10" interior w/removable shelf, good cond. $5. Pete, Ext. 4324.

ANTIQUE PIANO - good cond. $295; or best offer, hi-rise bed, $95; crib mattress, $6. 399-2286.

CARPET - lime green shag, 14'x28', v.g. cond. $100. Ext. 2909 or 473-3202.

LARGE HANGING PLANTS - Wandering Jew, flowering begonia, $10. ea; Magnus 12 chord organ, child size, $25. Judy, 698-4882 after 4 p.m.

POLKA MUSIC TAPES - albums, cassettes, by Dick Pillar. Henry, Ext. 3084 or 727-3830 after 6 p.m.

PIANO - Wulitzer electronic, good cond. $300. 475-8162.

BOOK CASE - approx. 4½ ft. wide by 5 to 8 ft. tall. Hughes, 286-3301.

CRIB MATTRESS - $15; freezer 20 cu. ft., $200; girl's bike, $45, area rug. Paul, Ext. 4156.

BICYCLE - boy's 20" good cond. $40. Ext. 2487 or 928-6930.

SNOW PLOW - 6 ft. Meyers w/Hydraulics, $395. 929-4032 after 6 p.m.

SOFA - 8 ft. Gold, excel cond. $200. 281-2186.

CARPETS - 17'x15', blue/brown, $70; 12'x11', yellow, $50; chair & ottoman, $150; toaster oven, $20. Lots others. Moving. Ext. 2364 or 924-8765 after 5 p.m.

LINED DRAPES - white silk, pinch pleats, pair, like new, 94x172 wide, $50; sofa, blue print, cost $650. last yr., now $175; 8.3 cu. ft. Kenmore refrig/-freezer, new, ideal for boat/bar. $90. 928-7826 eves.

SLIDE PROJECTOR - Airequipt w/six slide trays, $35; electric organ - Baldwin 20 yrs. old. $400. 289-7658.

KODAK - Carousel slide trays, $2.50 ea. Have 35 pieces, will sell separate or all 35 for $80; also Carousel projector, needs electrical repair, $45. Ext. 3783.

SPENCER MICROSCOPE - 2 eyepieces, 3 objectives, sub-stage condenser excel cond. $300. Ext. 4058 or 286-0436.

CHINA - Dinner service for 12, 7 pieces per setting, 9 serving pieces, floral on white. $110. 928-7826 eves.

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

POCONO CAMP SITE - vacation place, own your own site, located on 400 acres, lake view site, includes W/E/S. Easy terms. 928-0066.

MASTIC BEACH - 4 bdrm Cape, eik, d/r, 160x100 prop, low taxes, gas hot water & cooking, elec. heat, l/r w/wood burner, existing 8½% Farmers Mortgage. $28,000. 281-0360 after 6 p.m.

For Rent

MORICHES AREA - immediate occupancy, 3 mi. from BNL, share large 2 bdrm house on water. $200. incl. all, preferably single female. 924-8021 between 2:30-5:30 or Carmen, 878-1741 eves after 6 p.m.

SHIRLEY - garage, 5 min. from BNL, nice & safe location, next to townhouse, ideal for storage. $360/year. Ext. 7699 or 821-1435.

MASTIC BEACH - 4 bdrm Cape, eik, l/r, d/r, porch & shed, large prop., walk to stores, 10 min. to Lab. $350/mo. (1 mo. Security) Terry, 281-0360 or Ext. 3284.

VERMONT - hike, loaf, XC or downhill ski, Cape Cod, fully equipped, 3 bdrms, 2 baths, fp, garage, reasonable. 732-6499 after 6 p.m.

YAPHANK WATERFRONT - 3 bdrm ranch, l/r, d/r, den, eik, playroom, garage. Ext. 3706 or 862-6259 after 6 p.m.

RIDGE - 2 bdrm Cape w/garage, w/w carpet, appl. incl; 4 mi from Lab. $400/mo + util. Avail. Dec. Ext. 4571 or 286-2199 nights.

Car Pools

FROM PATCHOGUE VIA BELLPORT - on time car pool has opening for paying rider. Alyce, Ext. 2901.

COMMACK RD. EXIT 52 LIE - Park & Ride, additional drivers, existing car pool. B. Peterson, F. Ferraro, Ext. 3284, from 8:30 to 5:00 p.m.

RIDE WANTED - for reliable paying rider from Bellport on Mon., Wed., Friday mornings, arriving at Lab. 8:15 a.m. 286-8724.

NORTH PATCHOGUE - wishing to form or join existing car pool. 8:30 to 5:00. Nick, Ext. 7652.

BABYLON/WEST ISLIP - driver needed for 4 person car pool. Ext. 2493.

PATCHOGUE/LIRR STATION - ride wanted every Monday to BNL. (8:10 arrival) Jim, Ext. 3372.

CORAM - Village in the Woods or Birchwood at Bretton Woods. J. Adams, Ext. 4994 or 732-5641.

Lost & Found

FOUND - key, outside Heavy Shop Bldg. 479. Ext. 3356.

FOUND - a "Motobecane bicycle" located at the 5th Precinct, Patchogue. Has a BNL sticker on it. Ext. 5293.

Wanted

EXPERIENCED RIDER - would like to pay half board for horse in return for riding. 331-3611.

BASKETS - (3-6), wire hanging, veg/fruit holding for pantry. Leon, Ext. 2973.

TRAINS - Lionel, any "O" gauge or "027" gauge cars, track & equip. Frank, Ext. 3120.

WHITE WASH BOWL - prefer Sarpho rust primrose design to match pitcher, excel cond. Irene, 589-5126.

SMALL APT. - in the N. Bayport/N. Bluepoint vicinity (Sylvan Ave. School Dist) Terri, Ext. 2484.

AMBITIOUS PERSON - $200.-$300/mo. 4 to 6 hrs./wk. 698-5861 after 7:30 p.m.

PEOPLE INTERESTED - in skiing weekend of Jan. 29 or Feb. 26. For info call Bea, Ext. 3571.

HOUSEMATE - to share 2 bdrm Condo/Holtsville, female please, 5 appliances, $225/mo. includes all. Ext. 3199 or 475-6622.

HOUSE TO RENT - Bellport Village or Brookhaven Hamlet. Ext. 5055 or 286-0919.

Services

Services are listed as a courtesy to BNL employees. They are neither screened nor recommended by the ***Bulletin.***

COMPLIMENTARY FACIAL - and makeup technique instruction. Call eves for appointment. 862-6650.

FACIALS - for a lovelier complexion. Sharon, 878-0927.

TJ's YARD WORK — raking, mowing, clean up, ambitious High School student. South Shore, Mastic & local areas. Tim, 281-7873 after 4:30 p.m.

NEEDLEPOINT - counted cross stitch, supplies, free instruction. Eves & wkends. 475-8581.

SPECIALTY HOLIDAY FOODS - hot hors d'oeuvres party fare, no order too small. Judy, 929-6063 after 5 p.m.

HOUSEHOLD SMALL APPLIANCE REPAIRS - vacuums, typewriters, sewing machines, etc. No. Patchogue, 654-3900.

CHEESECAKES - quiches, apple streusel & pecan pies, make your Holiday order now. 821-1039.

HOUSE PAINTING - interior/exterior, professional, quality materials, insured. Bob, 289-7657 after 6 p.m.

TIRES - rims, repairs, service. Lunchtime, Fred Usack, Ext. 4798.

CARPETS INSTALLED - repaired, quick dependable service. Free estimates. Jim, 821-0187 after 5 p.m.

RUBBER STAMPS - plastic laminating, pressure sensitive tapes & labels, desk, nameplate badge engraving. 286-3377 after 6 p.m.

LEATHER - canvas sales & repair. 363-2522 after 6 p.m.

LIMO SERVICE - chauffeur driven, luxury for weddings, airport, all occasions. Roy, Ext. 4664 or 744-8779.

JACKETS - men's, women's, children's. John, 472-4184 eves & wkends.

ASPHALT PAVING - and sealing. Bob, 475-4382.

TUTORING - experienced in learning disabilities. Math & Reading. 929-3529.

HOUSE RENOVATION WORK - interior/exterior, painting, insulation, installations, repairs. Very reasonable rates, excel local references. 929-4180 before 10 p.m.

Classified Ad Policy

Deadline is 4:30 p.m. Friday for publication Friday of 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. Ads for the sale or trade of firearms will not be accepted.
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. One ad per person per week.
7. **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, Building 134.**

☐ For Sale: Autos & Auto Supplies ☐ For Sale: Boats & Marine Supplies ☐ For Sale: Miscellaneous ☐ Car Pools ☐ Lost & Found ☐ Services ☐ Wanted ☐ Free

Please print your ad below in 15 words or less using one word per block. Include name and phone number to call.

Note: The following must be completed for your ad to appear.

NAME (Please Print) .....

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

Send to: Brookhaven Bulletin, Building 134 (Ext. 2345).

Classified Ad Policy Deadline is 4:30 p.m. Friday for publication Friday of the next week.