



Californium Needle To Go To College

The californium-252 needle presently used in medical research at BNL will be made available by the AEC to educational institutions on an extended loan basis.

BNL's needle and others held by the M.D. Anderson Hospital and Tumor Institute, and the Hospital of the University of Pennsylvania are expected to be returned to the AEC in 1971. The three institutions using the needles are investigating the effectiveness of californium encapsulated into needles for cancer therapy.

Californium-252 is an isotope of a man-made element, californium, and is an intense neutron emitter. This characteristic has made the isotope a promising tool in many applications in medicine, industry, and research.



A needle of californium-252 is held above experimental equipment at the Bio-Medical facility. The needle is approximately 30 mm long and sheathed in platinum. —Rosen

Since the needles generally will contain less than a microgram of californium and it would be uneconomical to recover this material, the AEC will make them available on loan after they are returned.

Dr. Harold Atkins of the BNL Medical Department has been working with californium since early 1968. In studies with human tumor cells, he has determined that the relative biological effectiveness of californium-252 is approximately 2.9 with respect to protracted irradiation with radium and about 2.4 with respect to acute irradiation with cobalt-60. Dr. Atkins is also irradiating the skin of pigs with a californium-252 surface applicator to determine skin tolerance and to compare results with data previously obtained with acute doses of x-rays, thermal neutrons and fission spectrum neutrons.

Because of the potential benefit to educational institutions and the AEC's californium market evaluation program, the AEC is making these sources available under an existing loan program offering a wide variety of nuclear material to universities. Already on loan are uranium slugs, small cylinders of natural uranium used in nuclear physics experiments; special nuclear material such as uranium-233, uranium-235 and plutonium; and also graphite and heavy water. The inclusion of used californium needles would give students an opportunity to become familiar with the handling, features and applications of this isotope. Future uses of the material may also be found as a result of the program.

The returned needles were initially loaned to the three medical institutions as part of the AEC's californium market evaluation program. Since this program was initiated in early 1969, fourteen contracts have been signed with evaluators to investigate its possible uses and market. Loaned sources, which have ranged in size from a few micrograms to over one milligram, are loaned in encapsulated form, f.o.b. Savannah River Plant. The investigator agrees to evaluate and finance the testing of the material for a particular application, and to provide quarterly reports to the AEC on his work.

In addition to loaned californium sources, direct sale quantities of the isotope limited to one microgram or less are available from Oak Ridge National Laboratory for \$100 per one-tenth of a microgram.

Physics In Action For Technology Students



Fifteen students from the New York Institute of Technology were treated to a tour of BNL research facilities. Dr. Edward Pulver (left) of the faculty talks with BNL bus guide Georgia Irving while students walk to the entrance to the Brookhaven Graphite Research Reactor. Gilbert Pitcher (pointing) explains the reactor stack to another member of the faculty of the institute, James O'Neil. —Humphrey

National Safety Council Meets At Brookhaven

The Executive Committee of the Chemical Section of the National Safety Council met at BNL on February 10th and 11th. The membership of this Executive Committee reads like a "who's who" in safety in the chemical industry and includes safety managers of such companies as Mobil, Proctor and Gamble, Hercules, duPont, Sun Oil, Mallinckrodt, Charles Pfizer, Allied Chemical, Union Carbide, Monsanto, Merck & Co., National Distillers, and Hooker Chemical. The last



During a tour of the Chemistry Department, Special Hazards engineer Gaylord Wall shows a fume hood to Jack Snyder, Safety Manager of Merck & Co. Snyder is also Secretary of the Chemical Section of the National Safety Council. —Humphrey

company was represented by its safety director, C.M. Olson, who is the father of Dr. J.M. Olson of the BNL Biology Department.

The Chemical Section of the National Safety Council is composed of approximately 850 member companies of the National Safety Council who are in the chemical industry. The 60 member Executive Committee conducts the activities of the Chemical Section for the benefit of the member companies.

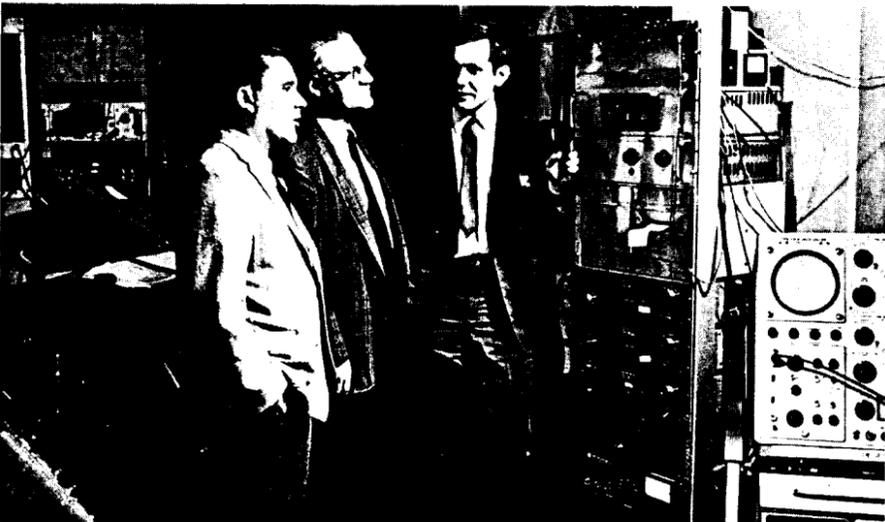
The 14 committees within the Executive Committee undertake tasks designed to study and resolve chemical safety problems within the entire industry. This is accomplished through chemical data sheets, research projects, promotional material, and programs for professional meetings.

The major part of the first day of this semi-annual meeting was spent in visiting BNL facilities and discussing the Brookhaven safety program. Associate Director Victor P. Bond, in charge of safety at BNL, greeted the committee and made them welcome to BNL. Len Baker, Safety Officer of BNL, made a short address to the group about the BNL safety program before a showing of the Brookhaven Spectrum.

Afternoon tours to various Departments included: the Chemistry Department, led by Gaylord Wall; the High Flux Beam Reactor, led by John Deitz; the Alternating Gradient Synchrotron, led by Robert Young; and the High Intensity Radiation Development Laboratory, led by Paul Edwards.

The second day was spent in committee and subcommittee meetings concerning Chemical Section activities for the coming period and including plans for Chemical Section sessions at the National Safety Congress in October of this year.

Latvian Professor Visits Lab



Dr. Juris R. Zakis, from the Research Laboratory of Semi-Conductor Physics at the Latvian State University (right) examines experimental equipment at the "Brick Pile" of the Solid State Irradiation Facility. Peter Mattern and Paul Levy of the BNL Physics Department are to the left. Professor Zakis came to BNL to see the experiment recently started which makes possible the study of radiation effects in non-metals while they are being irradiated with cobalt-60 gamma rays. His visit was arranged by the International Research and Exchange Board, as part of a program of international cooperative visits between scientists of different nations. —Humphrey

National Labs For Environment Study Weinberg's Theme

"'Environment' has become the O.K. word. The ecologists have displaced the physicists as high priests in this new era of environmental concern."

Alvin M. Weinberg, Director of Oak Ridge National Laboratory and Eleventh AUI Distinguished Lecturer, used this theme for his State of the Laboratory message when he spoke to the staff of Oak Ridge at the end of 1969.

"This has been the year of the environment," he said. "On every hand we are being told the fruits of technology are endangering our living space."

Weinberg pointed out the environment has been a concern of nuclear energy laboratories since the beginning of the Manhattan Project, and accounts for about 10% of ORNL's present activity.



Alvin W. Weinberg

"The environment is uncomfortably diffuse and complex. Achieving a better environment is a less definite goal than is building a reactor: we know when we have finished a reactor, but we can hardly know when we have adequately cleaned up the environment."

In order to put more order in Oak Ridge's environmental activities, various steps are being taken, among them a prospectus for a National Environmental Laboratory. The prospectus grew out of discussions last summer with Senator Howard Baker and Senator Edmund Muskie.

According to Weinberg, "To launch a fully coherent attack on something as complex as the environment, with its inter-related scientific, technological and social components, would require powerful, coherent institutions - in short, National Environmental Laboratories."

Dr. Weinberg's lecture, titled "National Environmental Laboratories," will be delivered next Thursday evening. No tickets will be required for admission to the lecture, which will be open to the community.

Payroll Checks

As of February 12, weekly payroll checks are being distributed with the regular afternoon mail run; the estimated delivery time will range from 2:40 p.m. to 4:15 p.m. Those Departments or Divisions having shift workers are scheduled to be delivered first.

Monthly payroll checks will be distributed with the regular morning mail run starting February 27; estimated delivery time will range from 9:30 a.m. to 11 a.m.

Holiday Schedule

The Brookhaven Center will be closed on February 23, 1970. The Snack Bar at the Cafeteria will be open from 9 a.m. until 2 p.m.

Vending machines in Building 912 provide eating facilities when the Cafeteria is closed. This service is for authorized personnel only.

Science Youth Day In Biology



A student examines a slide under the microscope as J. Hurley Myers of Biology explains research on the aging process during Science Youth Day. —Smith



Sanford Lacks answers questions about genetics of bacteria from this interested group of High School students.



Radiosensitivity in plants was the subject for discussion with this group of students who met with Lloyd Schairer of the Biology Department.

Future Scientists Focus On Biology

More than 150 Suffolk County High School students gathered at Brookhaven last week to get a preview of future developments in Biology.

The students, selected for their proficiency in science, attended a day-long program that included lectures and lab visits with Brookhaven's top biological researchers.

Originally labeled "Edison's Birthday Celebrator" when it was first started 13 years ago, the annual affair is now labeled "Science Youth Day." This year the students came from 30 Suffolk County schools and were treated to an in-depth view of modern biological research.

The program opened in the morning with a welcoming speech by Dr. Maurice Goldhaber followed by a showing of the Brookhaven Spectrum. The keynote speech

was delivered by Dr. Harold Siegelman, acting Director of the Biology Department. Arnold Becker described the procedures to be followed for the balance of the day and assigned the students to several discussion groups.

Mortimer Elkind, Jack Van't Hof and Alden Hinckley made special presentations to half of the group while the other half visited labs and offices in the Biology Department to participate in experimental work in progress.

Late in the afternoon the entire group re-assembled in Berkner Hall for a Question and Answer period with Leslie F. Nims, Mortimer Elkind, Alden Hinckley and Joseph D. Yourno.

Safety Equipment Schedule

	Safety Spectacles
Mondays	9 a.m. to 12 noon
Wednesdays	1:30 p.m. to 4:30 p.m.
	Safety Shoes
Mondays	1:30 p.m. to 4:30 p.m.
Thursdays	9 a.m. to 12 noon

Here and There

Claire Lamberti

Howard J. Curtis (Biology) served as Chairman of the meeting of the Aging Training Review Committee of the National Institute of Child Health and Human Development in Washington, D.C., January 15-16.

Sydney Thompson (Chemistry) visited Long Island Lutheran High School in Glen Head to talk to students in earth science, space science, and astronomy about the Apollo XI lunar exploration, its implications, and the role of Brookhaven scientists in the program.

Meyer Steinberg (DAS) presented a paper on concrete-polymer at the Society of South Agricultural Workers on February 1 in Memphis, Tennessee.

H.W. Siegelman (Biology) was in Washington, D.C. on January 18 to confer with members of the Division of Biology and Medicine, U.S. Atomic Energy Commission.

Ivan Bernal (Chemistry) was the speaker at a Structural Colloquium sponsored by the Chemistry, Biology and Roswell Park staffs of the State University of New York at Buffalo. His talk was entitled "The Crystal Structures and Other Physical Properties of Transition Metal Coordinated by Sulfur Ligands."

Richard Lambrecht (Chemistry) gave a seminar on "Deuteration and Heavy Atom Effects on the Scintillation Lifetime of *p*-Terphenyl in Benzene" at the Eastman Kodak Research Laboratories in Rochester.

Lester Corliss (Chemistry) gave an invited paper at the Mid-Winter Solid State Conference held in Newport Beach, California, January 18-23.

Fermi Plant To Resume Operation

Power Reactor Development Company has been authorized by the Atomic Energy Commission's Division of Reactor Licensing to resume operation of the Enrico Fermi Atomic Power Plant Unit 1 near Monroe, Michigan.

The Fermi plant is a fast breeder reactor. It has been shut down since October 5, 1966, because of melting of a small amount of the fuel. The fuel melting occurred when the flow of sodium coolant to several fuel subassemblies was restricted by a piece of metal. One of six zirconium sheet segments of a flow guide was identified as the object which had torn loose from its position and blocked the flow of coolant.

Repairs to the reactor have been completed and several modifications made, including the installation of flow guards at the inlets of all subassemblies located in the high-coolant-pressure region of the fuel core.

The company's license authorizes operation at a power level of 200 megawatts thermal. After low power tests, the power ascension program which was interrupted by the fuel melting will be resumed.

Retired



David D. Jacobus, Mechanical Engineer with the Accelerator Department since 1966, has retired as of Monday, February 16. Mr. Jacobus originally started work at BNL in October of 1949.

BROOKHAVEN BULLETIN

Published Weekly for the Employees of Brookhaven National Laboratory

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NORBERT J. DERNBACH
Public Relations Officer

Letters To The Editor

Dear Sir:

In a memorandum to all BNL employees the Director of the Laboratory has indicated the possibility of a 5% cut in the Laboratory budget for the fiscal year 1971. Although, the actual size of the cut is not certain, it may mean some reduction of staff members in the various research and service departments of the Laboratory. Even if the size of the budget is the same as last year, this still means in effect approximately a 5% cut due to inflation in the cost of the laboratory operation, especially as a result of salary increases.

As a show of the solidarity of BNL employees and their concern for fellow employees who may have to be terminated, I suggest that all BNL employees, including all levels of supervision, research and service voluntarily offer to hold their salaries at the present level during the next fiscal year. This would make it easier for the laboratory administration to operate BNL within the limitations imposed by the anticipated budget cuts. Hopefully, this would prevent a layoff of BNL employees, but more important it would demonstrate our high degree of dedication to the work of scientific research and development for the ultimate benefit and comfort of all Americans and show our sense of responsibility and the support we have for the policies of President Nixon in fighting inflation.

Frank Salzano, DAS

Dear Sir:

We would like to extend our heartfelt thanks to our many friends at BNL for their comforting sympathy and remembrances at the time of the sad loss of our beloved daughter, Barbara Ann Maresco.

Walter J. Maresco and family

Service Awards February

Twenty Year

Cottingham, James G.Accelerator
Mottl, HelenMedical
Robertson, JamesMedical

Ten Year

Anderson, Charles E.Accelerator
Decker, Louis G.Chemistry
Fischer, JoachimI & HP
Friedman, Jerry M.Applied Math
Hartin, William J.I & HP
Mahoney, William J.Reactor
Stravino, Michael J.Medical

IBEW Meets Next Week

The next General Meeting of Local 2230 IBEW will be held on Thursday evening, February 26, 1970 at the K of C Hall, Patchogue at 8 p.m. The agenda for the evening will consist of General Business and Reports of Committees.

Cafeteria Menu

Week Ending February 26, 1970

Friday, February 20	
New England Clam Chowder	
Codfish Cakes/Tomato Sauce	.65
Salisbury Steak/Onion Sauce	.65
Fish 'N' Chips/Tartar Sauce	.65
Monday, February 23	
Holiday - Snack bar open 9 a.m. - 2 p.m.	
Tuesday, February 24	
Beef Barley Broth	
Veal Parmigiana	.70
¼Roast Chicken/Stuffing/ Cranberry Jelly	.75
Baked Macaroni/Bacon Strips	.65
Wednesday, February 25	
Cream of Mushroom Soup	
London Broil/Mushroom Sauce	.70
Swedish Meatballs	.65
Fried Filet of Sole	.75
Thursday, February 26	
Onion Soup/Cheese Croutons	
Round Roast of Beef/Brown Gravy	.65
Chicken Chow Mein on Rice	.75
Knackwurst/Mashed Potatoes/ Sauerkraut	.70

A Word Or Two About "Period Of Adjustment"

George Haverstick marries his nurse, whom he calls "Sweetie Pie" and quits his job just before Christmas. For their honeymoon in Miami, he buys what he calls a used Cadillac station wagon. Sweetie Pie recognizes it as a hearse and pouts. The first night of their marriage is a disaster. They expect to reach George's army buddy, Ralph Bates' house, on the second night and hope things will go better.

What the new yweds don't know is that Ralph's wife, Dottie, has just left him because he had an argument with her father, his employer. Dottie also suspects that Ralph married her for money. She doesn't know, however, that through their six years of marriage, Ralph has fallen in love with her.

When the Haversticks arrive, George drops Sweetie Pie off and leaves in a huff. Ralph calms Sweetie Pie and tells her she has to expect to go through a period of adjustment in her marriage. When George finally returns, he enjoys his reunion with Ralph and completely ignores Sweetie Pie in a very funny scene. George has always been a braggart. Now, Ralph talks him out of acting like a sexual superman because it frightens Sweetie Pie.

Then the plot reverses and the newlyweds try to reconcile the Bates. Ralph and Dottie have a soul-baring discussion.

The bitter, sweet and hilarious scenes add up to a reconciliation of both couples and even a change in the very interfering in-laws.

In the end we are led to believe that the braggadocio George is probably a virgin on his wedding night, as is his bride.

Critical Comments:

"One of the most winning adult entertainments of the year. Williams was in a rare, jovial mood when he wrote this, but as always, he drew his people with compassion and depth. Credit, too, the appropriately tacky sets and an amusing, sprightly score. Perceptive performances from an attractive cast - especially Lois Nettleton..."

Arthur Kennedy, *Saturday Review*

"Williams as a carpenter of situation comedy, knows his trade. Film is flavored

Bowling News

Irma Carl

Purple League

Designers remain in 1st place although they were playing "give-away" rather than bowling, but their opponents were real experts in handing them the match. Phoubers made the big move of the evening, jumping from 6th to 3rd place. Joe Cuccia had high series for the night with a 197-564, followed by Frank Bugala 231-545, Marshall Bull 197-541, Mike Guacci 200-521, Ed Sperry 183-515, Jack Austin 176-515, and Mike Iarocci 196-500.

Pink League

The cellar has been repossessed by the Bioboosers while the Fiscal Assets and Alley Oops are moving up. Honor roll this week: Betty Nolan, Ellie Murgatroyd, Pat Towey, Kay Hunt, Carol Beckner, Audrey Bangle, and M.V. (guess who!!!).

Rose League

With the help of Louise Russo's 184 (80 over average) and Helen Keeley's 185, the Sure Shots were able to snatch 1st place from the Unmentionables. Sue Dunn of the Nightingales came in with a way-above-average game of 140 while another Nightingale - Marty Heine - rolled a 192 (a nice follow-up to the 201 she bowled the previous week).

Hospitality News

Because of the holiday on Monday, the next Hospitality Committee coffee meeting will be held on Tuesday, February 24, from 10 a.m. until noon in apartment 5-C.

Everyone is welcome to attend. Bring the children along.

with the fine young foolishness of Fonda and Hutton... and Williamsy whimsy..." *Time*

Period of Adjustment will be presented by the BNL Theatre Group at the Theatre on March 13, 14, 20 and 21.

Fourth Semester Program Started

The 4th Semester of the Brookhaven Semester Program got under way on February 2 with the arrival of eight students from several colleges in the South and Southwest. The students spent the first week becoming oriented to the Laboratory and the cold north winds, but have now settled down to a regular schedule of classes in the morning and research projects in the afternoon.

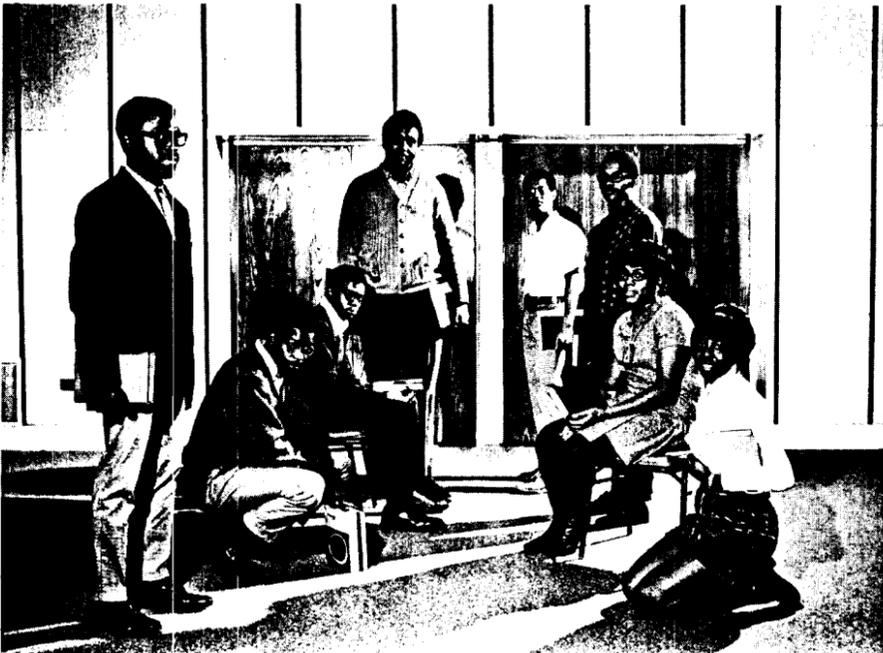
Talladega College, Alabama, has the largest contingent, being represented by Messrs. Hope Almond (Chemistry), Daniel L. Glass (Chemistry), Jimmie Hines (Applied Mathematics) and Harvard W. Stephens (Biology). From Knoxville College, Tennessee, we have Mr. Luther W. Bradley (Biology); Langston University, Oklahoma, Miss Nancy R. Cochran (Chemistry); Grambling College, Louis-

iana, Mr. Welton C. Washington (Chemistry) and from Miles College, Alabama, Miss Jacqueline Williams (Applied Mathematics).

The courses offered this semester and the instructors are: Introduction to Nuclear Physics, Dr. Philip Palmedo (DAS); Probability and Statistics, Dr. Paul Hough (Physics Dept.); and Organic Chemistry, Dr. Robert Hoyte (Chemistry Dept.).

Miss Claire Witten, Tougaloo College, Mississippi, will continue as Faculty Advisor to the end of this session on May 22.

Isaac Cole, who had been coordinating the Brookhaven Semester program since its inception, has left BNL and is now working in AEC Headquarters in Washington. Janet Whitehead of the Personnel Department of BNL is now the coordinator of this NSF-funded program.



Students participating in the fourth session of the Brookhaven Semester Program are shown shortly after arrival at the Lab. The are (left to right) Jimmie Hines, Daniel L. Glass, Jr., and Hope L. Almond, Talladega College; Welton C. Washington, Grambling College; Luther W. Bradley, Jr., Knoxville College; Harvard W. Stephens, Talladega College; Nancy Cochran, Langston University; and Jacqueline Williams, Miles College. —Humphrey

BERA Dance Tomorrow Night



The smiling, happy faces on these dancers is living proof that BERA dances are fun. Come along to the Gym tomorrow night and get in on the action. The Wayne Foster Orchestra, featuring Rick Stuart, will provide the music and entertainment; BERA will provide free ice, potato chips and pretzels; beer and mixers will be sold; you bring your own liquid refreshments, if you like. The orchestra will start playing at 9:00, but the doors will open at 8:15. Tickets will be sold at the door at \$2.00 each for Employees and Escorts and \$2.50 for Visitors. As you see in the pictures gals, dress is pretty much as you please. Wear a mini, pants suit, maxi, or that new midi you're just dying to show off. Paris, Rome and New York all had their spring fashion shows, new let's see what BNLers are wearing.



Skin And Scuba Meeting

A brief meeting of the Brookhaven Skin and Scuba diving club is scheduled for Monday, March 2nd at 5:15 p.m. in the Recreation Hall on site. The purpose of the meeting is to gauge interest in the club, to discuss the running of an on-site skin and scuba class, and to discuss a small number of modifications to the constitution and bylaws.

All interested, please attend. Most of the organizational work has been done, so this meeting is mainly for the purpose of ascertaining the desires of its prospective members.

After-School Hours Included In Swimming Pool Schedule

The Recreation Office is happy to announce that starting Tuesday, February 24th, and continuing until further notice, the pool schedule will be revised so that families of employees may use the pool immediately after school hours.

The new schedule will be as follows:

Daily (Monday through Friday)
12:00 noon - 1:30 p.m. - Employee Only
3:00 p.m. - 9:30 p.m. Employee/
Family/Visitor*

Admission:

50¢ each Employee/Family
75¢ each Visitor

*Visitors must accompany the employee (or a family member) who is permitted to bring a maximum of 5 visitors per family each visit.

Chamber Music

The Long Island Baroque Ensemble will present a program of 16th, 17th and 18th century chamber music at the James Wilson Young High School, Bayport, on Sunday, March 1st at 3 p.m. Tickets may be obtained at the door.

Mixed Volleyball Members Go AWOL

After a week's vacation, two teams found themselves with only four members to play on Monday the 9th. Let's show a little support for your team! They need you even if they don't say so.

There are those people who say some of the teams play better without a full team, so watch it; if you stay away too long they may not want you back.

After two sessions in the Second Half the Jets are back in first place.

	Wins	Losses
Jets	5	1
Nets	4	3
Mets	2	4
Bouncers	1	5

Lorraine Osterer

Family Camping Club

If winter comes, can spring be far behind? Come to our meeting tonight, Thursday, February 19th, at 8 p.m. in the Recreation Hall and find out! Our guest speaker will be Mr. McGinn who is Deputy Commissioner of the Suffolk County Parks Dept.

A Night At The Opera

Don't miss the live broadcast of OUTBACK, Channel 14, WNIT, the program of do-it-yourself culture for suburban intellectuals from Berkner Hall at 8:00 p.m., Feb. 24. Guest stars include Maria Callas, Tito Gobbi and Victoria de Los Angeles.

OUTBACK will be followed by a presentation of Gian Carlo Menotti's delightful one-act opera "The Telephone" starring Betsy Palmedo, William Graff and Diana Holroyd.

How About That? All this, and a short business meeting of the BERA Theatre Group, Tuesday, February 24 at 8:00 p.m. in Berkner Hall.

Dollars and Sense

Frank Federmann

Capital Gains and Losses

A capital gain or loss results from the sale or disposition of a capital asset. A capital asset for most taxpayers is essentially investment property (stocks and bonds) or property held for personal use (personal residence, automobile, etc.).

For tax purposes, a capital gain or loss can be either long or short term. The difference between the two is the length of time the asset is owned prior to disposition. For long term treatment (which is preferable for tax purposes) the asset must be held for at least six full months (the day purchase was made does not count as part of the six months).

The rate at which short term capital gains are taxed is the same as the tax rate on other sources of income. The tax rate for long term capital gains is substantially less than the ordinary tax rate (no more than half). When computing your income tax only one-half of the net long term gain is added to your other income, thus one-half of your gain is tax free. In addition, the maximum tax that can be paid on long term capital gains is 25% as compared to a maximum tax on ordinary income of 70%. Obviously, long term capital gains provide a considerable tax advantage.

The difference between ordinary income and long term capital gains can be illustrated by the following example:

BNL employees #1 and #2 both have a gross income of \$10,000. #1's gross income is all ordinary income, his taxable income is \$6,600, thus he would pay a tax of \$1,200.

#2's gross income consists of ordinary income of \$8,000 and \$2,000 of long term capital gains (of which only \$1,000 is taxable), thus his taxable income is only \$5,600 and he pays a tax of \$1,025 (saving \$175 as compared with employee #1). The effective tax rate on employee #2's capital gains is 9½% (he is in the 19% tax bracket and only ½ of his long term capital gain is taxable - ½ of 19% = 9½%).

We can easily see the advantages of long term capital gain - what about capital losses? Both long and short term capital losses can be offset against capital gains; however, should your losses exceed your gains, only \$1,000 can be used to reduce your income for that year. Assume BNL employee #2, in the example cited above, instead of a \$2,000 gain, lost \$2,500 on one stock transaction and had a \$1,000 profit on another. He now has a net capital loss

of \$1,500. Of this \$1,500 loss, \$1,000 is used to reduce his ordinary income of \$8,000. Therefore, he pays a tax based on gross income of \$7,000 and carries the unused portion of his loss (\$500) to the following year's tax return where it is first used to reduce capital gains and then to reduce other income. The Tax Reform Law of 1970 has modified the above rules, as it does not affect our 1969 tax returns, it will be discussed after April 15, 1970.

If the taxpayer can utilize long term capital gains treatment rather than short term treatment (try to hold investment property six full months, remembering not to count the purchase day as part of the holding period), he may be able to save a substantial amount of money. It's worthwhile thinking about!

Classified Advertisements

Autos & Auto Supplies

66 INT ½ TON PICKUP - 26,000 mi, good cond. \$800. Walt K., Ext. 2457.

66 CHEVY BELAIR - 4 dr, V8, auto trans, air cond. Best offer over \$1000. R. Hoyte, Ext. 7266.

64 OLDS DYNAMIC 88 CONV - White/blk top, ps/pb, auto trans, excel cond. Asking \$775. Ext. 2928, 475-8962 after 6.

64 CHEVELLE MALIBU - 2 dr hdt, 6 cyl, std shift, r/h, 4 new tires. Richard, 273-8356 after 5.

TIRES - 6.00x15/5.90x15 tubeless, 1 like new, 1 good cond. \$12. F. Pallas, Ext. 7183.

SNOW TIRES - 6.50x13 Sears recaps, very good shape. \$10. Ken, 281-8622 after 6.

66 MUSTANG CONV - Red/white top, V8, 4 spd, console, bckts, extras, very good cond. \$1295. C. Nielson, Ext. 7677, 325-0968.

68 VOLVO 122S - 2 dr, Michelin radial tires, carb air preheater, immaculate cond. Frank, Ext. 7220.

63 WILLYS STATION WAGON - 4 w/d. \$550. Ext. 2908.

TIRES - 2-7.75x14 used, plenty of tread left, \$5 ea or both/\$9; 1-7.35x14, new, \$15. Kahane, Ext. 2810.

64 CADILLAC - Perf cond, new tires, all possible acces. \$1600. Kahane, Ext. 2810.

69 TOYOTA COROLLA - 2 dr, yellow/blk int, A-1 shape. \$1200 cash or \$100 & take over payments of \$53/mo. D. Feigenbaum, Ext. 7676, 289-3622.

69 CHEVY CAFRYALL SUBURBAN - 350 V8, 6 psgr, custom, r/h, auto trans, chrome wheels. Bob, 924-8961, 744-8492.

66 FORD FAIRLANE 500 - 6 cyl, auto trans. 20,000 orig mi, clean, very good cond. \$1000. Steve, Ext. 2852, 727-5816.

64 CHEVY ½ TON PICKUP - 4 w/d, snow plow, needs a little work. Bob, Ext. 2436, 727-2346.

51 BUICK SUPER - 4 dr, runs very well, no longer need 2nd car. \$50. Van, Ext. 2924; Sue, Ext. 7440; 473-6570 eves.

60 FORD FALCON - 4 new tires, everything works. F. Merkert, Ext. 7639, 732-3003.

54 CHEVY PICKUP - 65 Pontiac V8, auto/stick trans, pb, 7 good tires, new paint, r/h, excel cond. \$550 firm. Dave, 929-4708.

68 PLYMOUTH FURY III - V8, auto trans, ps/pb, deluxe trim, r/h, must sell. As is, \$1650. Bernie, Ext. 322, 286-8946 after 5.

SERVICE MANUAL - For '64 Buick Special & Skylark series. \$2.50. R. Hoyte, Ext. 7266.

65 BUICK SKYLARK - Beige/white top, auto trans, console. Asking \$1200. 325-0675 eves.

64 LINCOLN - 4 dr, full pwr, good cond. \$500. W. Lundgren, Ext. 7525, 588-1566.

63 FORD GALAXIE 500 XL - 390 eng, 4 spd floor shift, bckts, carpeting, recent valve job, ps, r/h, reverb, radial tires, dual exhaust, good cond. \$700. Hans, Ext. 686.

67 MERCURY COMMUTER STATION WAGON - 9 psgr, ps/pb. \$1700. J. Chester, Ext. 598.

Boats & Marine Supplies

23'3" FIBERGLASS BOAT 1968 - Inboard-outboard 160 hp, 2 bunks, head. F. Reeve, Ext. 672.

ROWBOAT - 11' plywood, semi-V bottom fiberglassed, registered for outboard. \$55. Ralph, Ext. 2814, AT6-0615 eves.

20' CABIN CRUISER - 95 hp inboard, f.w. cooled, head, galley, extras, inside storage. Must sell. Petruk, Ext. 2142.

21' SAILBOAT - Sloop rigged, 8' beam, needs lots of work, take it away. Bob, Ext. 7164, 277-3199.

25' SEABIRD YAWL - 16 hp inboard, sleeps 2 adults & 2 children, full sails & genoa, s.s. rigging, recently reconditioned, in water. \$3000. 475-8240.

Miscellaneous

OAK FIREWOOD - Log or split, pickup or delivered, 20"-30", reasonable. Bob, 732-9517 after 5.

RCA PORTABLE TV - 15" screen, brand-new, still in carton. \$90. AT6-1213 after 3:30.

ELEC GUITAR - Grass 1*Custom, hollow body, w/2 pickups & case, solid state amplifier w/tremolo control, very good buy. GR5-9493.

ELEC TYPEWRITER - Smith-Corona. \$50 firm. Ext. 2515.

REESE HITCH - W/equalizer, will install. \$150. S. Galante, 475-6484.

YELLOW LABRADOR PUPPIES - AKC reg, whelped 12/26. Males \$100, females \$75. Ext. 407, 929-4261.

RCA TV - 23" b&w. \$50. V. Droskoski, 473-4471.

16' TRAVEL TRAILER - Sleeps 5, self contained, equalizer hitch, spare, clean, must be seen. 584-5325.

LABRADOR RETRIEVERS - Male, 11 wks, AKC, shots, best family dog. LT9-5432.

SCOTT TERRIER - Male, 8 wks old, champion sired, "Bingo blood lines," AKC reg. SE2-5218.

LIV RM - French Prov, 3 pc seat, high back chair, lamp table, center table, statue & pedestal, 6 mos old. Orig \$1500, sell \$950. 585-5756 after 6.

MAPLE CORNER TABLE - 30"x30"x26" high, excel cond. \$35. Ext. 2816, 732-7372.

STARLINE WALL OVEN - Coppertone, oven light, broiler, auto timer, size of opening 22" w x 33" h. \$30. Ext. 586, 475-7372.

TENT CAMPER - Apache Eagle, sleeps 4, alum cover, canopy, extras, excel cond. B. Johnson, Ext. 573.

ICE SKATES - Hockey, size 5. B. Johnson, Ext. 573.

POLAROID MODEL 850 - Roll type, color or b&w, elec or manual, w/wink light, flash attachment & film, leather case. \$35. D. Norden, Ext. 2407.

STAMP COLLECTION - 90% comp mint, 4 Linder albums, plus new issues, must see. Dick, Ext. 7343.

BEDRM SET - Dbl bed w/bookshelf headboard, matching bureau w/mar-proof finish, box spring & mattress, 3 yrs old. 286-8119.

RECORD PLAYER - RCA orthiphonic, high fidelity, excel cond. \$25. Ext. 482.

THE NEW BOOK OF KNOWLEDGE - '68 ed, compl set plus '69 yrbk, never used. Paul, Ext. 7203, 289-5443 after 6.

RIFLE - Tokarev mod 1940, 7.62 mm Russian-10 rd, semi auto, excel collector's item. Frank, GR5-2443.

COAT - Full length beige muskrat belly fur, size 14, very good cond. Gladys, Ext. 476, 475-5394 after 6.

BASSET PUPS - Purebred, AKC reg, 6 wks old, immunization shots. Males \$100, females \$75. E.C. Stoffel, 323-2548.

HOME MADE CAKES - Decorated to fit occasion, wedding cakes incl. PA7-5470.

WIG - Med brown, modified gamin style, worn once (wife wants curls). \$20. K. Fuchel, Ext. 2446.

ALTAZIMUTH TELESCOPE - Astronomical & terrestrial viewing, 35x, 70x, 140x & 280x, used once. Cost \$80, sell \$50. Ext. 2852, 727-5816.

SONY RADIO - Am/fm, 10 mos old. \$30. Ext. 7267/7701.

STEREO CONSOLE - Am/fm radio, walnut finish. Ext. 2588.

HOT WATER HEATING CONVECTORS - 48"x24"x8½", \$12; 32"x24"x6½", \$10. Ext. 2515.

AUTO-SOLIGOR LENS - 200 mm f3.5, for Nikon camera. \$55. K. Fuchel, Ext. 2446.

SKI OUTFIT FOR MED SIZED MAN - Northland skis w/Exlent step-in bindings, \$15; poles, \$3; Austrian boots, 10N, \$15; boot block, \$3. Van, Ext. 2924, 473-6570 eves.

DESK - Office-sized, ribbon grained mahog veneer, 7 drawers, partially refinished. \$45. Van, Ext. 2924; Sue, Ext. 7440; 473-6570.

11" POWER KING DRILL PRESS - Bench type, ½" cap, Jacobs chuck. \$25. C. Klamut, Ext. 549.

BLACK GREAT DANE - Female, 9 mos old, shots, AKC, a most lovable dog. F. Merkert, Ext. 7639, 732-3003.

CHEMISTRY SET - Gibson, nearly new, used once. Ann, 286-2280.

FLUORESCENT FIXTURE - 12" Circline, 22 & 32 watt bulbs, w/extra 32 watt bulb. \$12. Ext. 7219.

IRON - \$3; garden hose, 2-50' lengths plus faucet adaptor & spray, \$5; 50' extension cord, \$5. Turberfield, Ext. 2435, Ext. 538 after 6.

COMPTONS ENCYCLOPEDIA - Latest ed, never used, compl set w/bookcase. \$125. Ext. 322.

B/W PHOTO DEVELOPING OUTFIT - For beginner, incl instructions & enlarger, \$20; child's 4 spd record player, \$7. R. Hildenbrand, Ext. 7777.

PORTABLE TV - 17" Admiral w/wrought iron swivel stand, old but good. \$25. R. Hildenbrand, Ext. 7777.

TRUMPET - Made in France, good cond, w/case, mouthpiece & lyre. All/\$40. Bill, Ext. 2392.

UPRIGHT PIANO - W/bench, good cond, needs tuning. \$50. D. Benske, 744-8302.

HARMONY GUITAR - W/case. \$60. D. Mauro, Ext. 7525.

AM/FM PORTABLE RADIO - W/ac adaptor. \$20. D. Mauro, Ext. 7525.

STEREO CARTRIDGE - Empire 888SE "Super-Elliptical," 6-32,000cps, 30 DB scp. 25x10-6 cm/dyne compliance, tracks ½ to 3 grams. \$20. Hans, Ext. 686.

19" TV - Lg cabinet, rugged, ideal for kids rec rm, in good working cond. \$29. 281-4419.

Real Estate

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

For Sale

MILLER PLACE - ½ acre, corner wooded plot. \$6700. E. Finter, Ext. 2293.

BLUE POINT - Charming Bay area split, 3 bedrms, w/w, 1½ baths, pine paneled play rm, cheerful laundry, 5 appliances, s/s, att garage. \$26,900 (mort money avail). B. Hambley, Ext. 7811, 363-6150.

3 BEDRM HOUSE - Den, garage, basement, comb windows, corner property, near Forge River Marina Yacht Club, Old Mastic. 281-7226 after 6.

Wanted

TREE REMOVAL - & chain saw service, reasonable. Bob, 732-9517 after 5.

HOME - For very friendly 7 mo old female pup, Labrador retriever/English setter mixture, has been spayed, all shots. Ext. 2524, JU1-3015.

FURN/UNFURN APT - 2-2½ rms, for young business couple, Patchogue vicinity. 732-4101.

6 CYL PLYMOUTH OR DODGE - Under \$500. Sherman, Ext. 2341.

CLEANING WOMAN - Reliable, own trans. 475-6288 after 6.

55 GAL DRUMS OR BARRELS - And/or styrofoam in lg blocks. Vicki, Ext. 7780.

PROSPECTIVE MEMBERS - For Parents without Partners, chapter 308, social activities & trips for adults & children. Lee, Ext. 7637.

HOUSE - 5/15-9/1, visiting Danish scientist, 2-3bedrms, North or South shore. Als-Nielsen, Ext. 2435, 325-0609 after 6:30.

BABYSITTING - Mother will babysit for preschool child, Smithtown area. 724-7325.

TAXPAYERS - Federal & State income tax forms prepared in the privacy of your home or mine. GR5-8330.

BLOOD DONORS - For heart surgery. Berley, 928-1007.

TO PREPARE TAX RETURNS - Your home or mine. AT9-1568.

PROPANE GAS TANK - 20# w/regulator. C. Klamut, Ext. 549.

FREEZER - Good cond, about 10 cu ft. 286-3742.

PETS - Going skiing, vacation pet sitting, reasonable, reliable. Tony, 924-8225.

Carpools

SUFFOLK COMM COLL STUDENT - Wishes to join or form carpool from Lab to school. Betty, Ext. 2759 after 6:30.

RIDERS WANTED - From Bellport area - reliable, prompt, on-time driver w/new car. Ext. 2320/7775.

DESIRE DRIVER - To compl carpool from Massapequa, Wantagh & vicinity (VW OK). Ext. 2942.

DRIVER WANTED - To compl existing carpool from Exit 52 (or further west) on LI Expwy. Elliot, Ext. 2103.

PROMPT, DEPENDABLE CARPOOL - Needs new members, Lindenhurst-W Babylon, 8:30-5, portal to portal. Everding, Ext. 2397.

Lost & Found

FOUND - 1 pr gloves & hat at T-194 stock room. Ext. 2466.

LOST - Basketball, vicinity of Gym, Bkhvn Ave. C. Klamut, Ext. 549.

Classified Ad Policy

Deadline is 12 noon Friday for publication the following week.

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

- Ads not carried because of space restrictions will be held for publication in the next issue.
- Ads are run only once and must be resubmitted if they are to be repeated.
- 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.

(Name & Phone No. To Call)

Employee's Signature Life No. Ext.

Send to: Brookhaven Bulletin, 40 Brookhaven Avenue