



Secretarial Science Training Class



Youth On Campus — BNL 1969

One of the big goals of this year's Youth On Campus Program has been basic skill development. To accomplish this, a Secretarial Science Training class was established for all female students.

The girls have been meeting for an hour and a half four days a week in the AGS conference room. Under the instruction of Marguerite Platner and Karen Kennedy, they have received training in typing, machine use, filing and transcribing. The instructions were backed up by lectures and office practice.

Through the interaction between the girls' supervisors and the instructors, deficiencies in training were noted and improved during the classes. An important ingredient of this successful experience has been the total involvement on the part of the supervisors who have helped meet and understand many of the individual needs of the students.

The "on-the-job" experiences of the girls is probably the most realistic way to gain a look at and feel for today's working world. This program will come to an end on August 29. It is hoped that the students will have had a bona fide, constructive and successful experience this summer which will help them realize their fullest capabilities.

The girls taking part in this year's program are: Sandra Bukowski, Cosmotron; Emilie Chisolm, Physics; Shirley Churbuck, Fiscal; Lorraine Crawford, Systems & Data Proc.; Emma Franklin, DAS; Pat Goodine, Accelerator; Joyce Gray, Physics; Angela Hill, Accelerator; Yvonne Johnson, Photography; Cathy Krivicich, DAS; Lorraine Kudreyko, Medical; Anita Lombardo, Physics; Janet Paviglianiti, Chemistry; Gail Polonski, DO; Fannie Pressley, Staff Services; Carolyn Sabatelli, Security; Maisie Tucker, Medical; Camellia Turpin, Physics; and Jackie Wagner, Biology.

L.I. Communicators Elect Bulletin Editor To Board

Brookhaven Bulletin editor, Carl R. Thien has been elected to the Board of Governors of the Long Island Communicators Association (LICA).

The Association, which opens its third year in September, is made up of editors, writers, public and community relations representatives, and advertising people in Long Island-based service and industrial firms. BNL is a charter member of the organization.

Officers elected were Walter Euler, LILCO, president; Connie Hoebich, Franklin National Bank, vice-president; Grace Welch, Chemco Photoproducts, secretary; and John Kumpel, Sperry Gyroscope, treasurer. Also elected to the Board of Governors were: Robert Fierro, United Fund of L.I.; and Richard Gaba, Nassau Bar Association.

Summer Film Schedule

Thursday 8:30 p.m. - Berkner Hall
August 14 A Man for All Seasons
(special showing)

Coming Attractions

- 8/14 BERA Movie
Berkner Hall - 8:30 p.m.
- 8/20 Navy Lecture - 7:30 p.m.
J.J. Mooney
Brookhaven Center
- 8/21 BERA Movie
Berkner Hall - 8:30 p.m.
- 8/27 BERA Concert
Beverly Price
Berkner Hall - 8 p.m.
- 8/28 BERA Movie
Berkner Hall - 8:30 p.m.

They Tell It The Way It Is

Anita Lombardo has been working in the Physics Library this summer. She is a junior at Southampton College, majoring in social sciences.

Michael Drozd has been working in the Chemistry Department. He will enter Manhattan College this Fall, and will major in Chemistry.

Michael told his story this way:

When I first applied for a summer job at the Laboratory, all I had in mind was the prestige of the job and the associated side benefits. To my delight, this summer job has proven a worthwhile experience.

The greatest surprise to me was when you asked a scientist or a technician a question, they would stop, if they could and give you an immediate answer. Even the people who are your supervisors are not just bosses, but they are people who try to help you and answer any questions you might have. The first day I started work I was told by my supervisor that if there were anything I was not sure of I was just to go to him and ask him. Also that day, the Head of the Chemistry Department called me to his office and said if there were anything he could do for me, all I had to do was ask.



Michael Drozd

The work I do is that of stock boy in the stock room, but I also help with the inventories. I don't just put stock away, my job goes much further. I also go from building to building delivering or picking up different equipment. As I do this, I meet other people and see their work.

The people I work with are the best people I have ever met. They are cheerful and they accepted me as soon as I came without a second thought. This type of people I feel are not just a small minority at the Laboratory, but the greater majority.

I must say that far and beyond all my other experiences, what makes my job most enjoyable and enlightening is the people who work at the Brookhaven National Laboratory.

(continued on next page)

The World We Call . . . Long Island

It's daisies, homes, forests. It's sea and sand and sail. Business, industry, research. Schools and universities. It's roads and rails and communications. Gentle climate, arable land, fish-stocked waters.

Many things to many people, few ever think of the actual creation of Long Island and its tempering features. Last year Don MacCornack did take the time to think about the world we call Long Island, and did a study for the introduction to the BNL Master Plan. Reprinted here in part is his "Environment of the Laboratory."



Moon Daisy

Long Island is the visible part of a great land-fill operation which began over 100 million years ago and was completed, with a few thousand years to spare, before man started his settlement of North America.

The Island is about 120 miles in length and is generally from 15 to 25 miles in width. At its west end, it is separated from Staten Island by The Narrows, from New Jersey by Upper New York Bay, and from Manhattan by the East River. On the north, Long Island Sound divides it from the mainland opposite, including virtually the entire shore of Connecticut. On the east, the Island splits into two peninsulas, 30 to 40 miles in length, beyond which stretches the open Atlantic. On the south, barrier beaches create a series of bays up to five miles in width and shelter almost three-fourths of the Island's south shore from the ocean. Even the Indians seem to have been intrigued by its fish-like outline.

Between 100 and 200 million years ago, the bedrock in the Long Island area, which had been in the foothills of the great Appalachian mountain chain, became a plain tilting gradually down into the ocean. Erosion of upland areas of present day New England brought vast quantities of sand and clay, forming a Cretaceous deposit some 600 feet in depth. Later, as the earth's crust continued to adjust to internal pressures, there was an uplift in this area, which rose above sea level. Thereafter, rivers flowing from

(continued on next page)

Lab Starts College Training Program for Elec Techs

A two-year college program for training electronic technicians was announced last week in a memo from Deputy Director George Vineyard.

The program will start next month at Suffolk Community College, with all selected participants attending regular classes on a full-time basis.

To avoid confusion with other technician training programs, a new classification called Technician Apprentice has been established. Initially, up to six technician apprentices will be selected to start the Fall term in September.

Selected candidates will attend Suffolk Community College on a full-time basis in a two-semester, thirty-two week course, as part of the regular College curriculum leading to a certificate in Electronics at the end of two years.

During the normal vacation periods at the College, such as Christmas, etc., the BNL students will be given work assignments of short duration at the Lab. The longer summer vacation period will be taken up with on-the-job training assignments. Upon graduation, the BNL students will be reclassified as Technicians III

(18 month rate) and placed in available positions at the Lab.

In addition to paying the College costs, the Lab will maintain the students salary at somewhere between \$119 and \$134 per week in accordance with the schedule included in last week's memo. Students will be expected to show satisfactory progress in their studies as well as in the on-the-job portions of their training.

The deadline for receiving applications for this program is August 18, 1969. Applications must be delivered to the receptionist in the Personnel Office and should follow the format of a letter addressed to the "Technician Apprenticeship Committee." The letter should contain your reasons why you feel you should be selected as well as a brief statement regarding your career and educational objectives.

Applicants will be advised as to when they should appear before the Committee and selected candidates will be notified in plenty of time prior to the start of school.

Don't forget: Deadline for application is August 18 - that's next Monday. If you have any questions, ask your supervisor or call Personnel on extension 7244.

Long Island . . .

(continued)



Woodland path

the north flashed out a wide, shallow valley which was to become Long Island Sound.

The continental ice sheets which covered the northern half of North America twice extended as far as the Long Island area. The first deposited an outwash plain of debris some 300 feet deep on top of the Cretaceous strata. The second ice sheet made three distinguishable contributions to Long Island. The Herod Advance stopped in the Long Island Sound Valley, and its melting front deposited material which now constitutes much of the bluffs along the North Shore. The Montauk Advance overrode its predecessor, and at its southern-most limit dumped the material which is known as the Ronkonkoma Moraine - a ridge of hills and outwash plain extending from Brooklyn to Montauk Point. As it retreated from this advance, the easterly part of the front remained stationary long enough to add to the North Shore bluffs, and lay down the base for the north fork which now terminates at Orient Point. This is known as the Harbor Hills Moraine. The Wisconsin Advance, only 40 thousand years ago, made no remarkable changes in geography, but it smoothed the surface of the land and left a permeable brown till about four feet deep over much of the Island.



Indian pipes

With the melting of the ice sheet and the rise in sea level, the ocean extended into the lower Connecticut River valley to make Long Island Sound. It flooded the flats between the Montauk and Harbor Hills Moraines to create Peconic and Gardiner Bays. Ocean tides, surf, and alongshore currents have since worked away at the glacial deposits, washing out moraine material to build up spits, bars, and the extensive barrier beaches.

The ocean responds slowly to seasonal changes, and moderates Long Island's climate, both summer and winter. It produces noticeable differences in plant growth over the 120 mile stretch of land. The frostless season is three weeks longer in the fall at the east end, although the growing season starts nearly two weeks later than at the west end. The annual mean air temperature is 50° F, with monthly means ranging from 30° in January to 70° F in July. The total annual wind transport is greater than at any other place along the Atlantic seaboard. However, except for an occasional hurricane, it blows not harder, but more often. In spring and summer the wind is most apt to be from the southwest; in fall and winter a northwest wind is most frequent.

Precipitation is the only current source of potable water on Long Island. Rain and melting snow which do not immediately run off on the surface are absorbed into the permeable till and filter down into the sand below. Water has some 1500 feet of soil to penetrate before it reaches bedrock, but most of it collects in the upper-two thirds, and domestic water is drawn from within the 200-foot depth of the Pleistocene glacial deposit.

Rainfall averages 2.5 to 5.0 inches per month throughout the year, totalling from 40 to 60 inches annually. Snowfall, which does not often provide a cover for long periods of time, averages about 32 inches per season, ranging from a minimum of 12 inches to a maximum of 67 inches.

The bulk of Long Island's wooded areas is made up of about thirty species of trees, although the general impression is one of vast acreage of scrub oak and pine. Much of the area now in second growth is abandoned farmland, or replaces forests which burned or were cut down to supply the city market with choice hardwood lumber.

Wildlife still exists where it can. Animals include the red fox, muskrat, opossum, raccoon, and white-tailed deer. The Laboratory shelters a herd of about 200 deer. The number of turtles, snakes, toads and frogs is large. Land birds and shore birds are abundant by today's standards, but the age-old visitations of migratory fowl are in jeopardy as their familiar wetland haunts are taken over by man.

By 1640, English colonists from Connecticut had settled in Southold, Southampton, and Hempstead. Four years earlier the Dutch had purchased land in Brooklyn. In 1683, Long Island was organized by the Colonial Province of New York into three counties: Kings, Queens, and Suffolk. In 1898, Kings County and five towns in the western part of Queens voted to become boroughs of the City of Greater New York. The three eastern towns of Queens opposed, and in the following year were chartered as Nassau County.

Some seven million people now live on Long Island, about two-thirds of them in Brooklyn (Kings County) and Queens. Of the remaining third, about 1.5 million live in Nassau County, and over a million in Suffolk. This latter county covers two-thirds of the Island, and about 80% of its area is still vacant. While this appears to establish Suffolk as a rural area, it is by no means a permanent condition. For most of the 19th century, there were more Suffolk inhabitants in its eastern towns than in the western communities. Now the western end is ten times as densely populated. The wave of humanity gradually sweeping eastward from Metropolitan New York may never achieve a constant saturation of living space, but it must certainly make profound changes in the immediate environment of the Laboratory.

The transition of Long Island from its rural state 300 years ago to the urban state it may become can readily be seen by traveling from the eastern end to the western. Over this distance of 120 miles, the number of people per square mile increases from less than 200 at the forks to more than 2500 at the western end of Suffolk County, to over 4700 in Nassau County, to 15,300 in Queens County, to about 30,000 in Brooklyn.

BERA Presents Student Pianist

The BERA Concert Group will present Beverly Price, pianist, in a special recital on Wednesday, August 27, in Berkner Hall, at 8 p.m.

Miss Price, a student of Gary Towlen of Oakdale, will present a program featuring variations on "Ah! Vous dirai-je, Maman" by Mozart; "Novellette, No. 8" by Schumann; "Sonatine" by Ravel; and works by Brahms and Chopin.



Beverly Price, Pianist

Beverly gave her first recital at the age of eleven, and in 1965 she appeared at BNL in a special recital by the students of Mrs. Olivia Stickley. Last year she gave a recital in the Clock Tower series.

A June graduate of James Wilson Young High School in Bayport, she has been active as soloist and accompanist. She has also played first flute in band, orchestra, and various ensembles. Beverly has been awarded scholarships by the Bayport Circle Players, the Music Lovers Club of Bay Shore, and Indiana University. She is a member of the National Honor Society, Mathletes, a Regents scholarship winner, and recipient of a National Merit letter of commendation.

Miss Price will enter the Indiana University School of Music this fall. She is the daughter of Dr. and Mrs. Glenn A. Price of Bayport.

They Tell It . . . (continued)

When asked about a Brookhaven summer, Anita put it this way:

I am a college student who has taken part in BNL's Youth On Campus summer employment program. When posed with the thought of how a summer here has been of value to me, the first thing that comes to mind is the willingness of those around to assist me. In fact, the whole program was highlighted by the interest and understanding of instructors, supervisors and fellow employees.



Anita Lombardo

The relevancy of a work-study situation was beneficial in providing on-the-job training in specific work areas. It has proved to me, as a future teacher, the importance of the practical application of theory in any area. Although I don't plan a career in the secretarial field, I feel that my exposure to clerical work will stand me in good stead in years to come.

The opportunity of meeting, and working with people of such varied interests and backgrounds was indeed rewarding and memorable.

Radio Club

The regular monthly meeting of the BNL Ham Radio Club will be held at the Recreation Building on York Lane on Thursday, August 14, at 8:00 p.m.

BROOKHAVEN BULLETIN

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Arrivals & Departures

Arrivals

William R. Frazer.....Physics
Teri Ann LaTerza.....Systems & ADP
Julia A. Thompson.....Physics

Departures

Robert W. Briggs.....Biology
Robert L. Heath.....Biology
Albert W. Rebehn, Jr.P.E.P.
Warren E. Williams.....Reactor

Here and There

Dolores del Castillo

The Suffolk County Health Commissioner, Dr. George Leone, has announced the appointment of **Dr. Nina Pluss** as Medical Director for the Suffolk Medicaid. Dr. Pluss had been an Associate Industrial Physician at BNL's Clinic for almost five years before leaving on June 30 of this year.

Maurice (DO) and Gertrude (Physics) Goldhaber were in Tilton, New Hampshire, August 4-8, for the Gordon Research Conference on Photoneuclear Reactions. Dr. Goldhaber participated in technical discussions, while Dr. Goldhaber served as reviewer and summarizer of the Conference.

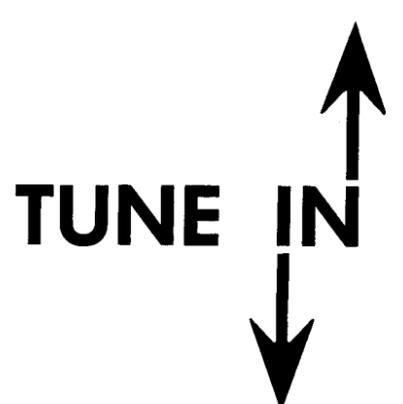
In a spirit of community hospitality, residents of the Three Village area will be playing host to many of the 1500 scientists visiting the State University of New York at Stony Brook this week and next for the 8th International Congress and General Assembly of the International Union of Crystallography. Almost 50 homes in the area will host parties for the 900 delegates from 36 countries. Among the hosts will be the **Leonard Hamiltons (Medical)** and the **Garman Harbottles (Chemistry)**.

Anders E. Backlin of the Swedish Atomic Research Council will visit the Laboratory on August 22 to discuss general work on nuclear spectroscopy.

M. J. Kenny of the Australian AEE will be at the Laboratory on August 22 for discussions on neutron capture experiments.

Makoto Iwai of the Japanese Power Reactor and Nuclear Fuel Development Corporation will be at the Laboratory on August 25 for a general orientation tour of the AGS and discussions on neutron cross sections.

Yoshio Shimamoto (Applied Math) will serve for the current fiscal year as Chairman of the Mathematics and Computer Sciences Research Advisory Committee (MCSRAC). He has served on the committee since September of 1965, and was its Secretary from June 1967-69. The committee was established by the AEC in 1959 to assure the maximum advancement in the fields of mathematics and computer sciences of general relevance to the U.S. atomic energy program.

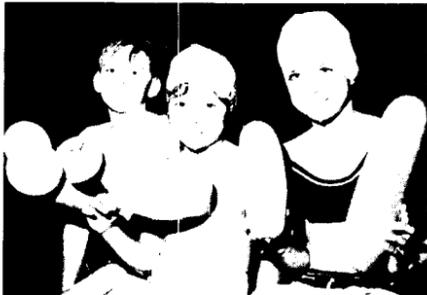


Kids-Money Balloons Bring Big Splash

It was 2:45 p.m. on Friday, August 8th, and the "gang" was back for another of our BNL Recreation Program Pool Specials - "Money Balloons."

The head count told of two hundred and thirteen vagabonds ready to descend into the water in mass. Two hundred and fifty balloons were floating harmlessly in the Pool. Each balloon had a letter on it . . . B, N, or L, and each was worth money. At the end of fifteen minutes, the balloons were gone, the gang had roughed each other up a bit, and George Sabine's budget was ten dollars poorer.

The Recreation Staff noticed that several of the children were unlucky so a quick decision was made to throw in five dollars in coins for a penny fetch. Laboratory employee Frank Campbell was happy to see the money go into the Pool and had to be restrained from diving into the 3 foot end.



Holding lucky money balloons are (left to right): Jungen Dimmler, Susan Galligan and Carolyn Henck.

At 3:45 p.m., most of the juveniles were content and the lifeguards began to breathe easier. Another good time at the Pool on a hot summer's day.

Join in the fun on Friday, August 15th, at 2:45 p.m. when an Inner Tube Derby will be held. Get a four-man team and enter.

Reminder for the Kids!

Our Annual Water Carnival will be held on August 23th, at 7:00 p.m. Games, trophies, prizes, and good fun.

Movie Tonight

Thurs., Aug. 14 - Berkner Hall - 8:30 p.m.

A Man For All Seasons

Starring Paul Scofield. "Thomas More is a man of angel's wit and singular learning . . . a man of marvelous mirth and past-times, and sometimes of as sad gravity - a man for all seasons," according to Robert Whittinton, a Renaissance contemporary of More. Robert Shaw, Wendy Hiller, and Leo McKern, Orson Welles, and Sussanah York co-star with Paul Scofield in this many award-winning portrayal of a Renaissance statesman, scholar, and philosopher.

Born in 1478, More showed promise early and was educated along with members of the House of Canterbury at Oxford. He subsequently became a lawyer by profession. He was a devout Christian and a champion of education.

A statesman, parliamentarian, and labor and commerce arbitrator, he became Lord Chancellor of Eng and under Henry VIII. After a brilliant but stormy career, More was beheaded in 1535. He died the "king's good servant but God's first."

Movie Next Week: (Note Change)
Exotic, Erotic and Sensual.

Children View "The Monkey's Uncle"

On Friday evening, August 8th, the BNL Children's On-Site Recreation Program presented Walt Disney's "The Monkey's Uncle."

One hundred and twenty-five children and parents arrived at the Recreation Building for an evening of fun and laughter. They watched "Merlin Jones" save his college football team from disaster by using a trained monkey and a learn-while-you-sleep device to prevent football players from flunking out of school.

The gang enjoyed a different kind of Friday night at BNL. These Special Events

Soccer

M.T. Hutchings

Another high-scoring practice game was played on Monday, August 4th, when despite threatening skies the rain held off. Sides were picked on the spot and at full time the honors were even at 9-9.

We play every Monday evening. Come along to the Gym at 5:30 p.m., or phone Ext. 7608 or 7193 if you wish to join in.

We shall be playing through into the spring, so before you sign up for touch football, why not try soccer, or both!

Brookhaven League

Blue Jays 3 Batmen 2
Makeups 8 Old Timers 7
Blue Jays 6 Old Timers 7

Highlights: Old Timers have a game lead over Dirty Sox and Makeups with one game left. T. Nelson bases loaded triple for Old Timers. Blue Jay 3rd baseman asked me to extend apologies to teammates. S. Garrett drove in winning run for Birds vs. Batmen.

National League

Rat Pack 7 Bubble Boys 2
S&M 15 AMD 5
Phoubars 9 Potsareebies 4
Metallurgy 9 Six Pax 3

Homeruns: M. Guacci, S&M, grand slam. G. Mastriion and J. Tyler, Phoubars, P. Hlavac, Metallurgy (P. Valli, Rat Pack vs. Phoubars).

Highlights: T. Krupien's hot bat and blinding speed for Rat Pack. M. Guacci's two triples and HR driving in 7 RBI's for S&M. J. Follenius 4-4, P. Borzi and G. Alturi 3-3 for S&M.

This league shapes up to a great finish this coming Monday with three teams having a chance! Are the Phoubars a "team of destiny? Only S&M can answer this as they meet in what could be a preview of the League Championship game. Or - S&M could win, and with the Rat Pack and AMD winning, create a 3-way tie. Go get 'em, S&M!!

Laboratory League

Mets 20 Deadwoods 10
Bio-Meds Converts 7
Bio-Meds 9 Converts 15
Chemistry 10 Charlie Browns 11

The Mets are the Lab League's second half champs. By beating the Deadwoods they clinched the crown and it was against the team they will meet for the season championship. What has happened to the Charlie Browns? Last week they took the Deadwoods and this week the Chemistry team in 10 innings. J. Manzi driving in winning run and C. Quatte doing an excellent pitching job. M. Brooks 4-5 for Deadwoods.

Homeruns: Peters, Snead, McCarthy for the Deadwoods and Maston and Ruffing for the Bio-Meds.

	First Half	Second Half	Overall
Brookhaven			
Blue Jays	7-1	2-6	9-7
Old Timers	5-3	7-1	12-4
Batmen	3-5	1-6	4-11
Makeups	3-5	4-2	7-7
Dirty Sox	2-6	4-2	6-8
National			
S&M	6-1	3-3	9-4
AMD	5-2	4-2	9-4
Potsareebies	5-2	1-5	6-7
Bubble Boys	4-3	2-4	6-7
Rat Pack	2-5	4-2	6-7
Six Pax	1-6	2-4	3-10
Phoubars	1-6	5-1	6-7
Laboratory			
Deadwoods	6-1	3-4	9-5
Mets	5-2	7-0	12-2
Bio-Meds	5-2	4-3	9-5
Chemistry	3-4	2-5	5-9
Charlie Browns	2-5	3-4	5-9
Converts	1-6	2-5	3-11

Tennis News

Hopefully, we've had the last of the rains, and can proceed with the rest of the 1969 BERA Tennis Tournament without interruption. At any rate, we are planning on dry weather from now on through the finals.

The championship rounds start next week according to the following schedule:

Ladies' Singles Championship - Monday, August 18

The Walter W. Merkle Men's Doubles Championship - Tuesday, August 19

Mixed Doubles Championship - Thursday, August 21

Men's Singles Championship - Monday, August 25.

All final matches are scheduled to start at 5:30 p.m. Court No. 3 will be reserved for match play on the above dates. The adjacent court will be closed during the match.

During the last week there was considerable progress. Although Men's Singles still needs one more match to complete play in the Second Round, two quarter-final round matches have been played already. Second Round play is complete in Men's Doubles, and one Semi-final has been played. Similarly, Ladies' Singles needs only one more Semi-final match before the championship next week.

The results of last week's play:

Men's Singles

Second Round: Elmore-Fleitman, 6-3, 6-1; Auskern-Schmidt, 6-1, 6-1; Feldberg-Lazareth, 6-1, 6-2.

Quarter Finals: Elmore-Garelick, 4-6, 8-6, 6-2; Feldberg-Kevey, 6-0, 2-6, 6-4.

The Walter W. Merkle Men's Doubles

Second Round: Feldberg, Lindner-Marimuthu, Sassa, 6-4, 6-2

Semi-Final Round: Kevey, Auskern-Palmedo, Passell, 6-2, 6-3

Ladies' Singles

Second Round: Stangby- Abbata, 6-4, 6-0

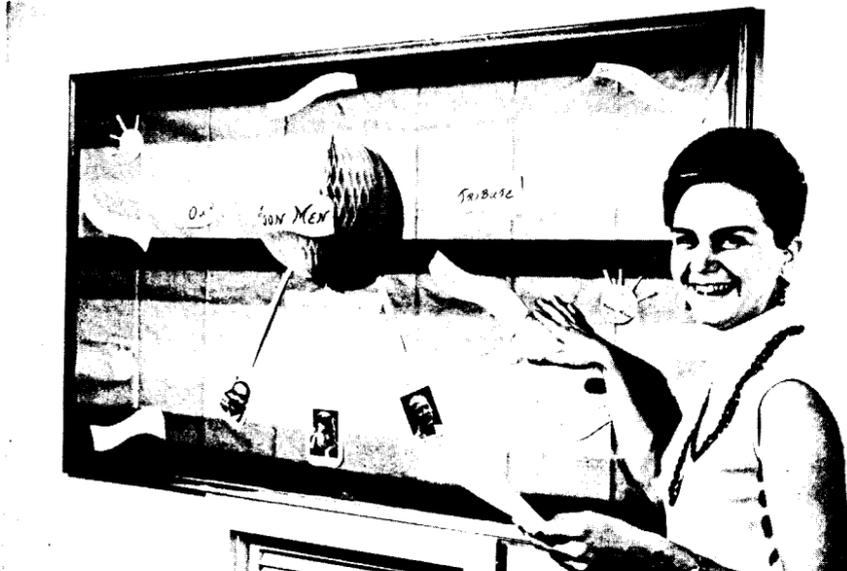
Semi-Final Round: Henry-Downs, 6-3, 6-2.

Cafeteria Menu

Week Ending August 21, 1969

Friday, August 15		
Old Fashioned Clam Chowder		
Fish N' Chips/Sauce Tartar		.65
Salisbury Steak/Smothered Onions		.65
Broiled Haddock/Butter Sauce		.65
Monday, August 18		
Chicken Chowder		
Hungarian Goulash on Noodles		.75
Breaded Pork Chop/Apple Sauce		.65
Cheese Souffle/Bacon Strips		.65
Tuesday, August 19		
Beef Barley Broth		
Old Fashioned Chicken Pie/Pastry Cover		.80
Knockwurst and Sauerkraut		.65
Veal Pattie Parmigiana		.70
Wednesday, August 20		
Cream of Mushroom Soup		
Round Roast of Beef/Au Jus		.75
Saute Chicken Livers/Broiled Bacon		.75
Chili Con Carne/Frankfurters		.65
Thursday, August 21		
Mulligatawny Soup		
Baked Ham/Boston Baked Beans		.65
Boiled Beef Tongue/Raisin Sauce		.65
Stuffed Cabbage		.65

The Month of the Moon Men



The first of every month is a special day in Bldg. 134. Pat Fox (above) is the official keeper of the Fiscal bulletin board. She keeps everyone posted on holidays, birthdays, vacations with a new exhibit each month. There was a real Merry Christmas display in December, a big patriotic display for the 4th of July. Here Pat is just putting the finishing touches on her exhibit for August - the Month of the Moon Men.

Bowl With BNL

Leagues Forming Now
Applications at Rec Office
Deadline for Priorities - August 18
Deadline for All Entries - August 22

All employees of the Laboratory are eligible and welcome to join our Bowling Program. You don't have to be an expert since all leagues are handicapped, and offer enjoyment and competition to both the new and the experienced bowler. Our leagues are currently using lanes on both the North and South shores. Other locations are considered whenever sufficient employee interest is shown. We bowl shortly after work at the local alleys, allowing time for a quick snack before we begin.

During the Fall and Summer seasons, we sponsor ladies' and men's leagues. The Fall season starts September 8th and finishes in April.

The BNL leagues bowl a split season with the first half winners bowling against the second half winners to determine the league champions. This split season has sustained continuous interest in our activity. In the second half, teams start all over again and have an equal opportunity to win the half and the league title.

The winners of the various leagues roll against each other at the end of the season to determine the "All BNL Men's Champions" and the "All Ladies' Champions."

A modest team entry fee is collected at the season's start to defray the costs of sanction fees and special programs. Thereafter, the only cost to the bowler is the price of the games he actually bowls each week.

The entry fees are kept as low as possible to encourage maximum participation. BERA assists us in this direction by providing the funds for trophies, league secretary salaries, and fees for our Championship Tournament.

Our season is climaxed by our Bowling Award Presentation Evening, which is generally held in early May. Each bowler may invite one guest and both are invited to attend at no additional cost. In addition to the presentation of trophies, the evening features dancing to live music and plenty of refreshments.

If you would like to bowl and share a social evening of fun with your fellow BNLer's, stop by the Recreation Office for entry information.

Football Notes

by Jack Brennan

The time is now to enter your team in our Touch Football League!

For one reason or another, we're late organizing things this year. As a result, we must have an indication of your interest as soon as possible - **this week.**

The deadline for entries is August 21. It is possible that a lack of entries by that date will result in no League this year. We are hoping to start the League by September 4th, if everything can be organized properly by that time.

Call your new officers for additional information. They are: President - Bob Barone; Vice-President - Ed Taylor; Secretary-Treasurer - Jack Brennan.

Personnel Services At the Recreation Office Open Daily 9:00 a.m. to 1:00 p.m.

Theatre Tickets - Theatre tickets to certain shows may be purchased at a 20% discount. Schedules and prices are posted in the Office. All orders must be placed in person and accompanied by a check or money order (no cash will be accepted).

Westbury Music Fair -

Aug. 12-17 - "Student Prince."

Aug. 19-24 - Temptations.

Sept. 2-7 - "On Time."

Sept. 9-14 - Robert Goulet.

Week of Aug. 26 - Danny Thomas.

Bellport Gateway Theatre -

In the Playhouse:

Aug. 12-24 - "Can-Can."

Aug. 26-Sept. 7 - To be announced.

In the Red Barn:

Aug. 19-31 - "The Fantasticks."

A new opportunity this summer for BNL Theatre-goers is a discount on tickets to the Artists Theatre Festival in residence at Southampton College. You get this discount merely by showing your BNL identification card at the Box Office.

The performance schedule for this professional Broadway Company is as follows:

Aug. 6-Aug. 16 - "The Waltz Invention" by Vladimir Nabokov

Aug. 27-Aug. 31 - "The First Reader" by Gertrude Stein, a musical.

Discount Exchange Coupons - May be obtained at the Recreation Office for the following: Jones Beach Theatre - Guy Lombardo presents Rogers & Hammerstein's "South Pacific" - July 3 to Sept. 1.

Madison Square Garden - World Championship Rodeo - Aug. 12 thru 17.

Holiday on Ice of 1970 - Aug. 27 thru Sept. 14.

Southampton Cabaret Theatre - Starting July 15 through August 31.

New York Mets

Tickets for the July and August games are sold out. There are still some remaining for the month of September.

Athletic Game Equipment on Sale - Little League Baseballs, softball, badminton sets, tennis rackets, tennis balls, shuttlecocks, table tennis paddles, athletic socks, BNL T-shirts, playing cards, combination locks, and handy information booklets on table tennis, baseball, diving, badminton, skin diving, judo, life saving, volleyball, archery and bowling.

Posted on the Bulletin Board are newspaper clippings of various activities on Long Island which the Recreation Staff feels might be of interest to BNL personnel. These include such items as the ferry schedule from Port Jefferson to Connecticut; the Bookmobile stop schedule at BNL; opera performances in the area; a listing of all summer theaters in Nassau and Suffolk County, and much more.

Classified Advertisements

Autos & Auto Supplies

59 MERCEDES 220S - 4 dr, 4 spd trans, r/h, wooden dash, sun roof, good tires, 2 spares. \$800. 286-0615.

63 STUDEBAKER SEDAN - 6 cyl, 2 new tires, good battery, good running cond. \$175. 878-0792.

64 OLDS F85 - 2 dr hdtp, auto trans, ps, r/h, w/w, needs 2 tires, 2 snows, good cond, clean, needs some work. \$300. Lydia, Ext. 2928.

64 MERCEDES 220 - Ps/pb, am/fm, 4 dr, blk & white leather int, excel cond. \$2000 firm. 234-9898.

64 VW - New eng, sun roof, snows, roof rack, good cond. \$675. AT6-0682 after 6.

62 COMET - 2 dr, std trans, runs well. \$150. Gatty, Ext. 7262.

64 VW SQUAREBACK - Blue, good cond, orig owner. \$700. W. Schmidt, Ext. 7772.

66 VW - Garaged, new clutch, brakes, 42,000 mi, extra snows incl, r/h. \$950. GR5-6464.

62 PEUGEOT 404 - Ideal for spare parts. Tony, Ext. 2529, 2243.

66 PORSCHE 912 - 5 spd, red/blk leather, 35,000 mi, immaculate. Jean, Ext. 7400, 878-2172 eves.

63 BUICK SPECIAL STATION WAGON - Red/white, V8, auto trans, pb, r/h, avail early Sept. \$600. Ext. 678.

66 FORD FALCON STATION WAGON - Yellow, 6 cyl, std trans, dual tailgate, new tires, new brakes, new muffler, 41,000 mi, excel cond. Pion, Ext. 351.

65 AUSTIN HEALEY 3000 MK III - Late series O.D., Koni shocks, Stebro exhaust, new tires & battery, excel cond. 475-5894.

62 CORVAIR - 2 dr, std trans. \$200. 588-5833.

64 RAMBLER AMERICAN - 2 dr, std trans, new tires, battery, clean. Best offer. Ludo, Ext. 541, 7718 after 6.

60 FALCON SHOP MANUAL - \$2; 60 Falcon wheel, 6.50-13, \$2. I.J. Livant, Ext. 7463.

60 FORD GALAXIE - 4 dr, auto trans, ps/pb, very good cond. \$200. Durate, Ext. 7167.

66 CYCLONE GT - Red/blk vinyl top, 390 c.i., 330 hp, 3 spd sport shift. \$1495. Carl, Ext. 2501, 281-7627 after 5.

64 DODGE DART - 2 dr, std. trans, 6 cyl, r/h, blue excel cond., 2 snow tires on wheels, avail 8/29. \$600. Ext. 614, or 929-4199.

64 FORD GALAXIE - Conv. good cond. Ext. 7351, 744-2453.

63 CHEVY BEL AIR - 2 dr, std. trans., 6 cyl, new clutch, 2 snow tires on wheels, stereo tape deck & speakers (optional) also radio \$600. Paul, 286-8718.

PEUGEOT 404 - Parts for sale. Tony, Ext. 2529.

64 FORD CUSTOM - Green, 4 dr, V8, auto trans, ps, r/h, new tires, avail 9/10. \$600 Karshon, Ext. 7656, 281-4778 after 6.

66 CHEVY II NOVA - 4 dr, std. trans, r/h, new tires. Ext. 7559, 281-4547.

67 BUICK SKYLARK - 2 dr, hdtp, V8, auto trans., pwr. steering, maroon, excel cond. owner leaving country. Ext. 688, 929-6359.

3 TIRES - 2-7.60x15, 1-8.45x15, very good cond. Best offer. 475-1837.

60 CHEVROLET SEDAN - Good running cond. \$100. W. Rothenstein, Ext. 7411, 535.

Boats & Marine Supplies

20' EXPRESS CRUISER - Cabin, head, galley, sleeps 2, in water, ready to go \$1900. Petruk, Ext. 2142, AT6-0124 eves.

21' FIBERGLASS SLOOP - Working sails & Genoa, sleeps 4, shallow draft, twin keel, 5 1/2 outboard, extras \$2000 firm. J. Weiss, Ext. 2472.

EVINRUDE OUTBOARD MOTOR - 3 1/2 hp Yachtwin, used for sailboat aux only, excel cond. \$95. Goodzeit, AT6-0271.

32' HEAVILY PLANKED BOAT - For work or family, 115 hp Chrysler Crown, head, bunk, cabin. Make offer. Ext. 379, LT9-3269.

14' ROWBOAT - Good cond, make offer. Bill, JU4-6326.

OLD TOWN CANOE - 16' fiberglass, 4 paddles, motor mount, like new. Ext. 2902, 286-0958.

PENGUIN - 12' sailboat, excel racing cond. Dacron sails. \$425. Ext. 614, 929-4194.

14' BLUE JAY, #1072 - Winning record, 2 jibs, 2 mains, 2 spinnakers, fully equip, trailer, all excel cond. \$700. Ext. 379, LT9-3269.

1958 THOMPSON - 15' fiberglass bottom w/extras & 1963 40 hp Evinrude/Lude Dude trailer, newly painted, new bearings. \$350. H. Ach, Ext. 7216.

14' GLASTRON - w/40 hp, elec starter - Johnson, fully equip plus extras. Best offer. S. Waski, Jr. Ext. 7539.

Miscellaneous

BINOCULAR - 7x35, 8 mos old. \$10. Oku, Ext. 7727.

PORTABLE RADIO - Panasonic am/fm/sw, battery, AC 115, 220 v, earphone, 9 mos old. \$30. Oku, Ext. 7727.

WASHING MACHINE - 1961 Kenmore model, spinner needs repair, yours for the taking, Andy, Ext. 2516.

TAPE RECORDER - Ross portable, fairly new, good cond, batteries 10 reels & tape, 2 take-up reels. \$15. B. Lundgren, Ext. 7782.

8' ROLLUP DOOR - Wood w/windows. \$35. AT6-9304.

SINGLE BED - For sale. Ext. 7278, 475-6873.

HORSE - Is not going to college; 1 am; palomino, gelding, 8 yr, shown in pleasure classes. \$300. Halldis, AT6-8175.

GE WASHING MACHINE - 14 lb., filter flow, excel cond. \$100. Ext. 7559, 281-4547.

AIREDALE AKC - Female, 17 mos. \$90. Ext. 7559, 281-4547.

DOUBLE KITCHEN SINK - w/Base & Joy stick faucet, old but serviceable. Best offer. C. Livant, 473-8578.

ACETATE BEDSPREAD - Dbl. bed size, white w/pink border, hardly used. \$7.50. C. Livant, 473-8578.

ALASKAN HUSKIES - Male puppies (white) \$10. Ext. 2588.

JIFFY TOIDY SEAT - Like new. \$2. C. Livant, 473-8578.

MOTHER CAT - Blk & white, very pretty & 5 kittens-2 male, 3 female; free. C. Livant, 473-8578.

FIREPLACE SCREEN - w/Andirons & tools, brass finish, excel cond. C. Livant, 473-8578.

YARD SALE - Large Mahogany dresser, odds & ends, some books, & furn., 8/16, 10 a.m. - 6 p.m. at 6 Nelson Ct., Blue Point. (if rain, 8/23). Ext. 388.

NORELCO 85 POCKET MEMO TAPE RECORDER - New, \$50. Barbara, 286-8633.

FURNITURE - Two 4 ft sofa-sections, beige tufted back, \$50. ea. 1 armless white chair, \$30. 1 orange tweed chair with oversized ottoman, \$30. 1 white curved section chair, \$35. 1 green high-back chair, \$25. Call HR3-7223 after 6 p.m.

TAPE RECORDER - Uher 4000 Report-L (portable), great fidelity, 40-20,000 cps, 4 spds, excel cond, incl mike, storage battery, battery recharger. \$325. G. Farrar, Ext. 308, 602.

FLYING IS FUN - Pack a week-end of scenery into half an hour, certified senior pilot. \$3/seat, single or group. A. Roesch, Ext. 7667.

AURORA RACING SET - 30' track, control, bridges, 4 cars, speed corners, etc. 281-9163 after 7.

COMPL SET - Lionel trains, tunnels, tracks, transformer, all in working order. \$10. D. Merritt, LT9-5126.

PORTABLE TYPEWRITER - W/case, almost new. Orig \$35, selling for \$25. W. Schmidt, Ext. 7772.

STEREO 40 WATT AMP - Garard changer, Jensen speakers (4), extras. \$125. BR5-6464.

MINI SURFBOARD - Harbor Rapier, 8', soft V bottom, wavy fin, excel cond. Ext. 7424, 878-0861.

GE REFRIG - Excel cond, pink int, 11.5 cu ft, reasonable; glass-lined water tank for well, 75 psi, best offer. 732-8241.

BROILER CAGE - Holds 120; 1 cage for day-old chicks, holds 25, reasonable. JU8-1928.

MATTRESSES - 2 standard ex-firm King Twin Sealy Posturpedic, 40x78x6, excel cond. \$90. Don, Ext. 2430, 921-8216 after 6.

OLYMPIC 10-SPD BICYCLE - \$10. B. Brown, 286-9209.

SCREENS - Alum, wood frame, 1 ea 3-0x3-3, 2 ea 2-8x3-11, \$2 ea; storm sash, wood frame 1/1, 2-0x3-3, \$2; 1 used screen. I.J. Livant, Ext. 7463.

12'x15' CARPET - Best "Monarch" acrylic, new in orig wrapping. Retail \$245, asking \$200. J. Koehler, Ext. 7685.

LAWN MOWER - Reel 18" cut, Sears, good cond. \$25. Petruk, Ext. 2142.

RIDING LAWN MOWER - 24" Craftsman, 6 hp, 8 spd friction trans, 3 wheel, heavy duty type, new parts. \$75. McKenna, Ext. 7287, JU8-1709.

PAINTING - Interior & exterior, reasonable rates, no job too small, 475-5894.

ANTIQUA CHINA BOUDOIR CLOCKS - 1 Pink & 1 green. 286-1214.

TAPE RECORDER - Roberts 770X, stereo, Cross Field head, sound on sound, 4 tr, 4 spd, 2 mikes incl, 30 hrs. use, \$400 value for \$200 (firm). G. Irving, Ext. 2186, AT6-8869 after 5:30.

FENDER GUITAR & FENDER BANDMASTER AMP - Must sell. \$350 for both. Paul, AT6-8718.

WEBER STEREO TAPE DECK - Used 2 mos still under 1 yr guarantee. \$70. Paul, AT6-8718.

LADIES GOLF SHOES - Size 7 1/2, worn 3 times. 286-1214.

FAN - Dominion Double 9" blades, window type. \$10. Ben, Ext. 2588.

LAWN ROLLER - Lg water filled type 2/attachable 2" spike aerators. \$30. Ben, Ext. 2588.

STEREO PHONO & RADIO - Mod cabinet, Morse, excel cond. leaving soon must sell. Best offer. Ext. 7653, 281-4724.

EVENFLO STERILIZER - Compl w/bottles, caps. \$3.50 Ladies white Show Roller Skate, size 8. \$5. C. Livant 473-8578.

KITCHEN SET - White Formica, marble, 6 chairs, Leaf. \$50. C. Livant. 473-8578.

KELVINATOR REFRIGERATOR - 13', excel cond. \$30. C. Livant, 473-8578.

16 LB. LADY KENMORE WASHER - Coppertone, 2 yrs old, \$100. & Garden Tools - \$.50 each. 12' & 5' Alum Ladders, \$4 each. & \$1. 281-6412.

SHETLAND SWEEPER - Vac - New at Xmas. \$10. Step stool \$1. 2 end ables \$1 each. Elec can opener \$3. & baseball bat \$1. 281-6412.

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

2 ACRES - 500' off Jericho Tpke on Wilson Ave, Gordon Heights. \$6000. 732-3443.

9 RM HOUSE - 2 baths, 4 bedrms, kitchen, din rm, den recently remodeled in Early Am, oil steam heat, city water, full basement, alum s/s, 2 stories, 60'x130' lot, can be converted into 2 fam. Luccioni, Ext. 2950, 732-3762.

WADING RIVER - 4 bedrms, 1 1/2 baths, 2 car garage, lg eat-in kitchen, fam rm, flagstone entires, 130'x150' treed & terraced yard. 929-4472.

PATCHOGUE - 2 fam house, 1 1/2 blocks from Patchogue Village, city water & gas heat, many extras. Sacrifice, \$27,000; will rent. By appointment only, 475-1940 after 5.

SHOREHAM - Custom Ranch, 1/2 treed acre, 7 1/2 rms, 2 1/2 bath, full basement, fireplace. 6% mtg, \$28,000. Ext. 7542, SH4-6427 after 6.

Wanted

CLEANING WOMAN - Reliable & trustworthy, 1 day/wk, own trans, steady, E. Patchogue, GR5-8658 after 6.

HARDY BOY BKS - P. Michael, Ext. 7411.

SENDING UNIT FOR SUN TACH - Model ST-602 for GM. Claire, Ext. 2131, 281-8306 after 5.

HOME FOR PUPPY - Male, 5 mos, has distemper shot, part Collie, part Shep. 281-4549.

BABYSITTING JOBS - Reliable woman will care for your children, preferably in my home. E. Patchogue, GR5-2145.

MERCURY OUTBOARD MOTOR - 45-60 hp, in good running cond, around \$300. Ed, MO7-9218.

POSITION AS PET SITTER - Will care for your pets on my 3 acres by the day, wk, mo or all of your vacation Tony, 924-8225.

TIRES - 9.00x15, good cond. John, 281-7872 after 5.

WOMEN! - Bowlers and non-bowlers to bowl Tues eves in Patchogue. Jennifer, Ext. 2114.

CERAMIC TILE INSTALLED - Repair- Panelling. AT6-9304.

PORTA CRIB - In good cond. & reasonable. S. Waski, Jr. Ext. 7539.

LIGHT TRUNK - In reasonable cond. 281-4778.

NATURE SPECIMENS - Unusual animals teeth & bones, bird nests & eggs, mushrooms for home nature museum. Scott, 286-0958.

TO RENT - 2 to 3 bedroom house in Shoreham, beginning 9/69. F. Gonzalez, Ext. 7220.

TO RENT - Furnished or unfurn house in Bellport or Brookhaven area during Sept. O. Wasson, 286-3703.

Carpools

PAYING RIDER - Would like ride from Moriches (by Hewett real estate). John (Medical), 878-0744.

DRIVER - For existing "on-time" carpool, Centereach area. C. Ferraro, Ext. 591.

DRIVER - Existing carpool, Sayville (East). M. Rosen, Ext. 2181; H. Jones, Ext. 2216.

DRIVERS - For existing carpool, Massapequa. E. Okress, Ext. 2942.

JOIN OR FORM CARPOOL - E. Patchogue (South) - Bellport area. E. McFadden, Ext. 2592.

TUNE IN

Classified Ad Policy

Deadline is 12 noon Friday for publication the following week.

1. The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
2. All items for sale or rent must be the advertiser's property.
3. Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
4. Firearms offered for sale or trade may not be brought on site.
5. Ads not carried because of space restrictions will be held for publication in the next issue.
6. Ads are run only once and must be resubmitted if they are to be repeated.
7. Ads should be restricted to 20 words or less and typed or printed on the form provided, and must bear the employee's signature.

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