

# BULLETIN BOARD

Volume 22, Number 42

Published by the BNL Public Relations Office

October 17, 1968

## 77th Brookhaven Lecture To View Proton Structure

On Wednesday, October 23, Dr. George Collins will deliver the 77th Brookhaven Lecture at 8 p.m. in the Lecture Hall, 36 Brookhaven Avenue.

The Short Distance Frontier, the title of Dr. Collins' talk, will deal with the structure of the proton. One of the main concerns of physics has always been the exploration of short distances. The perpetual question is: What new phenomena or structures exist at distances less than those which can now be resolved?

No single acceptable theory of the structure of the proton is available for experimental test and consequently a wide range of models of the proton have been suggested. Although all of these models are either inexact or incomplete, they provide initial steps toward a real understanding of small distance phenomena.

Recently, a BNL group, using a new experimental technique, carried out what might be thought of as a high energy Rutherford scattering experiment. This classical experiment showed that atoms contain nuclei. The BNL experiment, in contrast, supports a model of the proton which states that the proton is a partially transparent sphere of matter without a core.



George Collins

Dr. Collins was at MIT as a member of the Radiation Laboratory from 1941 to 1946. There he was in charge of the magnetron group. From 1946 to 1950 he was Chairman of the Physics Department at the University of Rochester, in charge of the construction and operation of the 240 MeV Synchrocyclotron. He also served as a trustee of the newly-formed Associated Universities, Inc., which operates BNL.

In 1950 Dr. Collins came to Brookhaven as Chairman of the Cosmotron Department until 1960, when he transferred to the Physics Department. Since that time he has been engaged in high energy research.

Dr. Collins is a fellow of the American Physical Society, Phi Beta Kappa and Sigma Xi, and is a charter member of the council for the University of the State of New York at Stony Brook. He resides in Bellport.

A buffet supper will be served at the Brookhaven Center before the lecture from 6 to 8 p.m. Refreshments will be available in the Exhibit Hall after the lecture.

## Fifth AEC Commissioner Sworn In



Francesco Costagliola (left), is sworn in as a member of the Atomic Energy Commission by Chairman Glenn T. Seaborg

## Seaborg Swears In New Commissioner

Francisco Costagliola was sworn in on October 1, 1968, as a member of the U.S. Atomic Energy Commission, by Commission Chairman, Dr. Glenn T. Seaborg.

A graduate of the U.S. Naval Academy, the new Commissioner served with the Navy in the Pacific area during World War II. Following the war, he was assigned to Naval post-graduate training and ordnance engineering in one of the first ordnance student groups to specialize in nuclear weapon technology.

He later served in Korean waters, earning a second bronze star medal with combat during this assignment.

From 1952 to 1955, he served in the atomic energy division of the Office of the Chief of Naval Operations as Chief of the Weapons Section, R & D Branch. In 1959, he was assigned to the missile project branch of the AEC, concerned with nuclear power for aerospace application. This was followed by two years as Chief of the Technology Division, staff of the Military Liaison Committee to the AEC.

In 1964, Captain Costagliola became the principal military assistant to the Assistant to the Secretary of Defense, Atomic Energy, where he served until 1967. Since that time he has been serving as Staff Consultant, Joint Committee on Atomic Energy.

The new commissioner serves with Chairman Glenn T. Seaborg, James T. Ramey, Gerald F. Tape, and Wilfrid E. Johnson.

## Visitors' Days Here Again



Last year 4,260 students and teachers from over 230 schools in five states came to BNL for the annual High School Visitors' Day. This year the same size group is expected on Saturday, October 19. As in past years, all people who are working on Visitors' Day are warned to wear comfortable shoes, to bring a lunch, and to bring a coat or a raincoat to wear outdoors.

## One Day Meeting To Discuss Uses Of Californium-252

Californium-252, a man-made radioisotope discovered in 1950 that holds great promise in its beneficial applications to mankind, will be the subject of a one-day meeting in New York City on Tuesday, October 22.

The "Applications of Californium-252 to Treatment of Cancer in Humans" will be the topic of Dr. Harold L. Atkins of the Medical Research Center at Brookhaven National Laboratory. Other Brookhaven speakers include A. Prince, Nuclear Engineering Department, speaking on the "Nuclear and Physical Properties of Californium-252," and Ralph G. Fairchild, Medical Department, speaking on the "Dosimetry of Californium-252." Speakers are coming from various AEC laboratories around the country, and will present the latest information on the production methods, availability and other applications of Californium-252. Dr. Glenn T. Seaborg, Chairman of the AEC and one of the co-discoverers of Californium-252, will give the opening talk.

The one-day meeting is sponsored by the New York Chapter of the American Nuclear Society and will be held at the Roosevelt Hotel, starting at 9 a.m. The morning sessions will cover the properties and production of Californium-252, and the afternoon sessions will be devoted to the applications of this versatile and efficient radioisotope.

In the treatment of cancer using radiation, there has been a problem of lack of oxygen in the cancerous tissue. This anoxia reduces the effectiveness of the radiation treatment. Several methods of overcoming this problem have been postulated, including the placing of the patient in an oxygen-pressurized chamber to force more oxygen into the tissue being irradiated. This method, however, is not as practical as first hoped and the researchers continued their efforts to find a more suitable solution.

Californium-252, which can be implanted within the cancerous tissue, may prove to be the answer. The Californium-252, because it provides a dense radiation within the cancerous tissue, helps overcome the lack of oxygen.

### Small Quantities Needed

It is significant that only a microgram quantity of Californium-252 is required to achieve the same radiation dose as a milligram quantity of radium. The required amounts of Californium-252 can be electrodeposited on a very thin wire so that extreme flexibility in the design of the implanted source is possible. Also, no special equipment is needed in the hospital, as would be the case with accelerator sources of fast neutrons.

Because of the need for implantation, only those tumors which are accessible can be considered for irradiation with Californium-252. These include, for example, cancer of the womb, the mouth and the throat.

Dr. Atkins reports that current research is being done only with animals, but as more Californium-252 becomes available, the treatment will be extended to humans. Additional information on the current status of the research and the future plans will be presented by Dr. Atkins at the meeting.



Doctor H.L. Atkins

5-1089-95

10-769-67

9-999-68

**Special Delivery In Warehouse Area**



The surry with the fringe on top has come to BNL, and Louis Di Carlo of Supply & Materiel is shown above driving it in the warehouse area. This 4-wheel Cushman personnel carrier is used to speed up surface transportation between warehouses. It runs on six storage batteries, reaching a speed of 8-10 miles per hour, and the only things that will stop it are snow and ice.

Photo by Humphrey

**Concert Series**

**Opens October 22**

The Juilliard Quartet will open the 1968-69 BNL Concert series with a performance in Berkner Hall, Tuesday, October 22. Their program will include works by Hayden, Schoenberg, and Beethoven.

Season concert tickets are on sale at \$10 for adults and \$5 for children. Single tickets may be purchased for each concert at \$3 for adults, \$1.50 for children, and \$3.50 for non-employee guests. All concerts will be presented in Berkner Hall at 8:30 p.m.

**Camera Club Meeting**

The first meeting this season of the BNL Camera Club will take place in the lounge of the Recreation Building on Monday, October 21, 1968 at 8 p.m. All past and prospective future members are urged to attend (dues in hand).

On the agenda will be: Election of officers for 1968-69, welcoming of new members, final report of outgoing Secretary-Treasurer, stock taking of new and old dark-room equipment, discussion of programs for 1968-69.

**BERA Autumn Dance**

Look around you this week! The stuffed animals you see are door prizes which will be given away at BERA's Dance in the Gymnasium on Friday, November 1. Stop at the Recreation Office which has on display another of the prizes you would be delighted to win - but you have to be at the dance to win.

As you know everyone is welcome. You can't afford not to come. BERA does not sponsor the dances to make money. Your \$1.50 defrays only part of the cost.

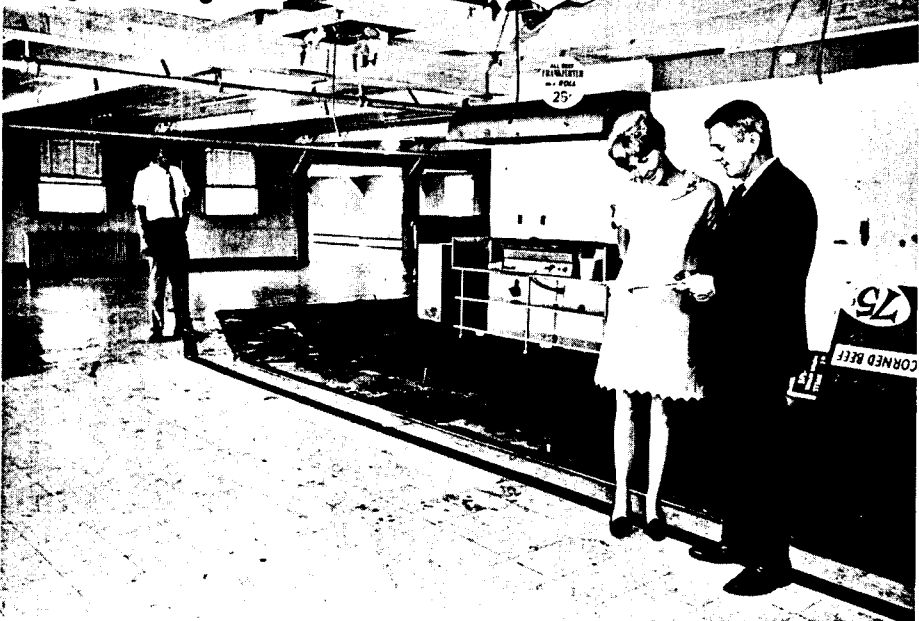
**Remember** - Dancing and entertainment from 9:00 p.m. to 1:00 a.m. Beer and set-up will be sold at cost. You may bring your own special concoctions.

**Cooking Exchange Meeting**

On Thursday, October 24, from 3 to 5 p.m. there will be a meeting of the Cooking Exchange in the Apartment Area Recreation Building. "Appetizers" will be the theme of the meeting.

A charge of 50¢ will be collected from each adult to pay for the cooking demonstration as well as the babysitters available for the children.

**Going . . . Going . . .**



Remember this? It's the old cafeteria a little on the disassembled side. The equipment has been spread far and wide, some of it to the Longwood High School, some to Yeshiva University, to the Southampton Campus of the Long Island University, to the Board of Cooperative Education in Nassau County, and some to the BNL Center. Most of the furniture has been distributed to needy areas on site. Parts of the building will be moved to other areas on site, and unusable parts will be torn down. And this is how an old cafeteria fades away.

Photo by Humphrey

**Here and There**

Dolores del Castillo

Joseph R. Steimers (Health Physics) attended meetings of the 14th AEC Bioassay and Analytical Chemistry Conference held in New York City, October 7-8.

Frederick P. Cowan (Health Physics) attended meetings of the International Commission on Radiation Units and Measurements held at Provincetown, Massachusetts, October 7-11.

Norb Dernbach (Public Relations) recently attended a Science Writers Seminar held at the National Radio Astronomy Observatory in Green Bank, West Virginia.

Howard J. Curtis (Biology) recently participated in the meeting of the Aging Training Committee Study Section of the National Institute of Child Health and Human Development, NIH, in Bethesda, Maryland.

J. Philip Thornber (Biology) presented at seminar on "Chlorophyll-protein complexes of some photosynthetic organisms" at Hunter College in New York City.

Walter Hamilton (Chemistry) attended the annual meeting of the Governing Board and Society Officers of the American Institute of Physics in his capacity as Vice President of the American Crystallographic Association. The meeting was held in New York City.

Raymond Davis (Chemistry) has returned from Moscow where he participated in a conference on problems of neutrino physics and neutrino astrophysics. He presented an invited paper entitled "A Search for Neutrinos from the Sun."

Idris Williams of the National Physics Laboratory in Teddington, England, will visit the Laboratory on October 21 for discussions on superconductors.

Dr. Abdur Rashid, Senior Scientific Officer of the Pakistan AEC will visit the Laboratory on October 21 for discussions on photochemistry and radiation polymerization.

Zdenek Sestak of the Czechoslovakian Academy of Science will visit the Laboratory on October 23 for general botany discussions.

**UN Day Festival At Port Jefferson HS**

Brookhaven National Laboratory personnel and their families are invited to attend a United Nations Day Festival to be held on Sunday, October 20, 1968, from 2 to 5 p.m., at Port Jefferson High School in Port Jefferson Village. The Festival, sponsored by the North Brookhaven UN Day Council, commemorates the 20th anniversary of the UN Universal Declaration Of Human Rights. Admission is free and open to all.

A representative from the UN Secretariat will give "A Frank Appraisal Of The UN Struggle For Human Rights" at 2:30 p.m. There will be displays and exhibits including one from BNL, as well as games, a puppet show, and folk tales for the children. Folk singers Bob Stewart and Linda Hughes will perform. UN cards, calendars, etc. will be on sale.

**Coming Attractions**

- 10/19 High School Visitors Day
- 10/22 BERA Concert - Juilliard String Quartet (Berkner Hall)
- 10/23 BNL Lecture (Lecture Hall)
- 10/24 BERA Movie (Lecture Hall)
- 10/26 General Public Visitors Day

**BULLETIN BOARD**

Published Weekly for the Employees of Brookhaven National Laboratory

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**Letters To The Editor**

Dear Sir:

Having read the letters in defense of the Koster Blue Spruce, I too concur. Save the tree. As a soldier stationed at Upton in '42, I saw many trees and shrubs planted at Camp Upton that were donated by William Hicks and many of them are still living as a memorial to this young man, who when he came to Upton saw the need for trees and shrubs to relieve the monotony.

I'd go further and suggest that this beautiful tree be allowed to stand and be known henceforth as the Hick's Memorial Tree.

Bill Ware (retired)

Dear Sir:

Just an open letter to anyone: If all unnecessary building lights were turned out when leaving, I could retire to my island in the Caribbean and live like a king.

If you don't think so, ask one of those beautiful computers. ME

**Arrivals & Departures**

**Arrivals**

- Richard D. Baulch, Jr. Security
- Thomas R. Brown Staff Svcs.
- Harold L. Higgins Central Shops
- Charles A. Malgrat, Jr. P.E.&P.
- Bartholomew F. Moleta Accelerator
- Pauline J. Roland Medical
- Booker T. Washington P.E.&P.

**Departures**

- Robert F. Brooks Medical
- Juan M. Figuera Chemistry
- Frederick J. Hamilton Applied Math.
- John C. Norvell Chemistry
- Donald W. Oxley Physics
- Alexander Plaza Accelerator
- David A. Seewald Chemistry
- William O. Soehl Accelerator

**All Lab Invited To Fourth Annual Ball Of Local 2230 IBEW**

There'll be big doings at the Patchogue Knights of Columbus Hall on Saturday, October 26. Local 2230, IBEW, will have its Fourth Annual Ball, and all employees are invited to attend.

The affair will start at 9 p.m., and go on till the last strains of music by Bill Clarke's Orchestra fade away at 2 a.m. A sumptuous buffet supper will be served, and set-ups will be available.

Over 400 people attended last year's ball, and this year's promises to be even bigger and better.

Remember the night is October 26; the place is the Knights of Columbus Hall on Railroad Avenue, Patchogue; and the tickets are \$4 each. For further details, contact Ray Archbold, Ball Chairman, on extension 2466.

10-131-68

## Members Now Elected To BNL Council Post

The BNL Council consists of 15 members representing various Departments of the Laboratory and serves primarily as an advisory body to the Director. As originally established, and until recently, its members were appointed by the Director. It has been decided, however, that future Council members will be elected by the Senior Scientific Staff of the Department or Departments which they represent, using procedures incorporated in the revised bylaws of the Council. An exception is the member-at-large, who is to be elected by the Council and who may come from any Department. Council terms are staggered so that five new members are to be elected each year.

The first election under the new procedures was recently held by the Nuclear Engineering Department, with the result that Melvin Levine has been elected to serve the balance of Jack Chernick's unexpired term on the Council.



Melvin Levine

As other vacancies develop, elections will be conducted in other Departments. In the meantime, the current members of the Council will continue to serve for the terms for which they were appointed. N.P. Samios, Physics, is the present Chairman of the Council.

## Dollars and Sense

Leon Meshel

### Understanding "Dividends"

by Frank Bloom

Last week's article covered the most commonplace types of dividends. In addition, some stockholders receive dividend distributions as described below.

*Dividends Representing Return of Capital* - In some instances corporations make dividend distributions that are not made from earnings, but out of corporate capital. The dividends represent a return of capital to the shareholder and are non-taxable distributions. (They reduce the cost basis of the shareholders' stock.) This type of dividend is most often received by shareholders in utility companies.

*Dividends Subject to Foreign Income Tax at Source* - Dividends on certain stock of foreign corporations are subject to foreign income tax withheld at the source. The correct reporting of this type of dividend requires that the dividend be "grossed up" and the foreign tax deducted by the taxpayer in one of two ways:

1. As a page two deduction for taxes paid.
2. As a direct credit (subject to certain limitations) against taxpayer's income tax liability.

Without going into the mechanics of computing the limitation, in most cases where the foreign tax is of any sizeable amount (\$50 or more), it is advantageous for the taxpayer to claim the tax as a direct credit against his tax liability.

NOTE - Those investors who own stock in non-U.S. companies check this point on your next tax return.

## French Group To Meet

The first meeting of the BNL French Group will be held Monday, October 28, at 8:30 p.m. in one of the meeting rooms of the new Conference Center. Mr. George I. Duca, Executive Director of the Federation of French Alliances in the U.S., will speak on the subject "Profil de la Jeunesse Américaine vue par un Européen" ("A View of American Youth as Seen by a European").

A contribution of \$1.00 will be collected from each person attending.

Mr. Duca was born and educated in Romania and spent many years in the diplomatic service of his native country. During World War II he was active in initiating secret contacts with the Allied powers, and he emigrated to the U.S.A. after the war. An American citizen since 1959, he has been active in various international organizations, including the International PEN Club, Free Europe, Inc., and the Assembly of Captive Nations. Since 1961 he has been Executive Director of the Federation of French Alliances.

## Cast Still Open For Winter Play

Rehearsals are now underway for the Theatre Group's production of Arthur Miller's "The Crucible," to be presented on January 24, 25, 31, and February 1. The play is being directed by Julie Peierls, assisted by John Binnington.

Those already cast are: Graham Campbell, Pat Campbell, George Cox, Hallie Frazer, Gert Friedlander, Carl Goodzeit, John Gorr, Paddy Gould, Geoffrey Hind, Dan Hooper, Bob Marr, Bruce Martin, Anna Passell, Ronald Peierls, Gladys Rech, Rita Straub, Kay Wingate, and Lu Zavesky. The parts of 'Judge Hathorne' (a bitter Salem judge) and 'Tituba' (a middle aged negro slave from Barbados) have not yet been cast. Those interested should contact John Binnington, Ext. 2294.

There are plenty of opportunities for work backstage on costumes, lights, props, etc. Anyone interested in helping with some phase of the production should contact the producer, Ron Peierls, Ext. 7652.

## Volley Ball Leagues Still Forming 10-430-68



### Men's Volleyball League

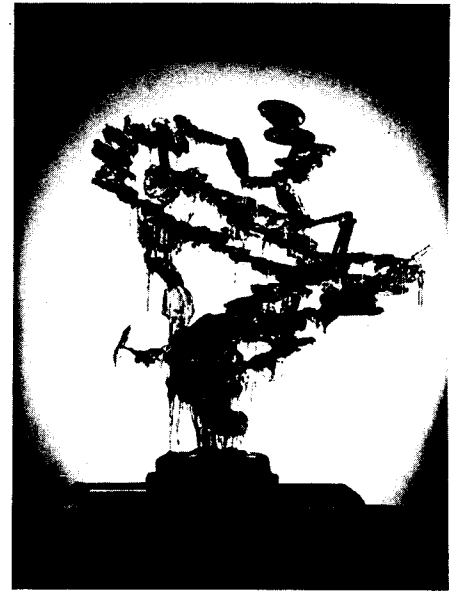
League play starts November 18. Games are scheduled for 5:30 p.m. Mondays or Wednesdays. During the week of November 11, clinics will be conducted for new players. Team entry blanks are available at the Recreation Office, or submit your name to the Players' Pool.

Photo by Humphrey

Wednesday, November 6, a volleyball promotional evening will be held at the Recreation Building, starting at 5:30 p.m. Beer and refreshments will be served and 105 minutes of films of the 1964 Olympic Volleyball play will be shown.

G. Levine

## Laboratory Sculpture



This sculpture, entitled "Fachada" is on exhibit in the Nuclear Engineering Department, 29 Cornell Ave. The creation of epoxy and wire was fashioned by several technicians in the AGS Conversion Group in their spare time using scrap materials. The sculpture stands about 30 inches high and is colored an amber yellow. It will be exhibited in the next employees art show.

## For The Birds 10-357-68



Migrating robins, trying to get at the ripening berries in the enclosed courtyard, have been fatally injuring themselves flying against the glass in the corridor connecting two sections of the Physics Building. Andy Olson, Plant Engineering and Planning, is shown applying a whitening compound to the windows to save the birds. According to Ed Hunter, the robins are feeding up to gain strength for their migratory flight to warmer climates. It is expected that the windows will remain coated until about the first of November when the birds and the berries will be gone.

## Movie Tonight

Thurs., October 17 - 8:00 p.m. - Lecture Hall  
**Jules and Jim**

Filmed in France in 1961, Jules and Jim effectively combines pre-World War I romantic nostalgia with the development and illumination of a truly modern woman. Kathe, a classically beautiful woman, loves two fraternal friends and must have them both, no matter what. For her the only eternal commitment is death.

Francois Truffaut, who won an award as the director of Jules and Jim, has established himself as the leader of the French New Wave directors through this effort. The movie stars Jeanne Moreau as Kathe, Oskar Werner as Jules, and Henri Serre as Jim.

M. Strongson

Next Week: Ninotchka, with Greta Garbo

### Vacation For Optician

The optician serving the Safety Equipment Room in Building 535 will be on vacation October 21, 23, 28 and 30. There will be no issue of prescription safety glasses during this time. If a need arises for plano safety glasses or special cover goggles, the Safety Services Office should be contacted. On November 4, the optician will return and will be available at his regular time.

#### Personnel Services

##### At the Recreation Office

Open Daily 9:00 a.m. to 1:00 p.m.

**Theatre Tickets** - Theatre tickets to certain shows (listed below) 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 at least two days in advance (no cash will be accepted). Sorry, no discounts on Saturday nights.

**Westbury Music Fair** - October 29 through November 3, the Liberate Show with Gale Sherwood and Florain Zabach.

**Mineola Theatre** - October 22 through November 17, Oklahoma.

**Metropolitan Opera** - Tickets are still available for:

November 18	Simon Boccanegra
November 28	Simon Boccanegra
December 3	Simon Boccanegra
January 9	La Sonnambula
March 13	Peter Grimes
March 18	Peter Grimes
March 20	Adriana Lecouvreur
March 24	Adriana Lecouvreur
April 10	Peter Grimes

**Reserved Parking Tickets at Shea Stadium** - Tickets are available for October 27, November 3, November 10, December 1 and December 8.

**Discount Exchange Coupons** may be picked up at the Recreation Office for the Broadway show "You Know I Can't Hear You When The Water's Running," now through October 26, The Wedgewood Dinner Theatre, "Those Scandalous Burlesque Follies" with Mamie Van Doren and Reginald Gardner, now through November 3; New York Knickerbocker's Basketball Games at Madison Square Garden, now through January 4; Guided Tours through Madison Square Garden Center.

### Football Notes

by Jack Brennan

The Slow Pokes won the BNL Championship by beating Applied Math in the last minute 43-36. With one minute left, T. Prach circled left end and ran ten yards for the tie-breaking score. Applied Math came right back and moved down field. The last play of the game saw the ball thrown into the end zone into a Math player's hands and out again.

Using comparative scores against other clubs, the Slow Pokes looked like a big favorite but Applied Math's D. Menago passing to B. McGonigle, B. Barone, C. Kirkland and E. Taylor chewed up the Slow Poke defense. A long Menago-Taylor bomb right before half-time gave Applied Math a 24-18 half-time lead.

The Slow Pokes came back scoring three times to take a 36-24 lead, but Applied Math bounced back twice to tie the game and set the stage for Prach's tie-breaking run. Outstanding man for the Slow Pokes was J. Hooper with 4 T.D.'s which included 2 T.D.'s on interceptions. E. Taylor had 3 T.D.'s and three interceptions.

In other games, the Old Timers locked up third place by beating the Kickers 12-7 and the Mets edged out Medical 26-25.

	Final Standing	Won	Lost
Slow Pokes		6	0
Applied Math		4	1
Old Timers		4	1
AGS		2	4
Mets		2	4
Kickers		1	5
Medical		1	5

### Teams Now Forming For Slo-Break Basketball

10-362-68



### Fall Gymnasium Schedule

The Gymnasium will be open for recreational activities beginning at 5:00 p.m. on Tuesday, November 5.

The following scheduled employee activities have first priority for use of the Gymnasium. Individuals wishing to play badminton, table tennis, lift weights, shoot baskets, etc., may do so whenever General Activities are scheduled or at other times when space is available and their activity does not interfere with the League and Club Programs.

<b>Monday</b>	5:00-7:00 p.m.	Volleyball League (Men)
	7:00-8:00 p.m.	General Activities
	8:00-9:30 p.m.	Archery Club
<b>Tuesday</b>	5:00-7:00 p.m.	Judo Club
	7:00-9:30 p.m.	General Activities
<b>Wednesday</b>	5:00-7:00 p.m.	Volleyball League (Men)
	7:00-9:30 p.m.	General Activities
<b>Thursday</b>	5:00-6:15 p.m.	Judo Club
	5:15-9:30 p.m.	Basketball League
<b>Friday</b>	5:00-9:30 p.m.	Tennis (by posted self-service reservation)

Note: This schedule is subject to revision, depending on the organized activities' final structure.

### Round Robin Pistol Shoot

The Round Robin pistol shoots ended on Saturday, October 5 which climaxed a very successful season. The results of this shoot were: In the .38 cal. individual competition, J. Mazzeo won 1st place Class A with a fine score of 293, J. Barry 1st place Class B with a 271 score, J. Canton 1st place Class C with a 257 score, and M. Mooney 1st place Class D with a 223 score.

The .22 cal. individual competition found J. Barry on top with a near perfect score of 297, taking the 1st place Class A award. C. Goodzeit with a 292 won the Class B trophy, while P. Buhl took the Class C award with a 244.

F. Bugala and J. Barry teamed up to outscore the others in the .38 cal. two man team event, winning the Class A trophy in that event. The last event of the day was the Luck Target which was won by J. Canton.

The Round Robin is awarding two trophies for the highest score achieved during the season in the .38 and .22 cal. individual events. The recipients of these awards are J. Mazzeo, who fired a perfect score of 300 in the .22 cal. event on 6/22/68 and F. Bugala who scored a fine 295 in the .38 cal. event on 7/22/68.

### Slo-Break Basketball

by George Latham

**Hurry** - Only two weeks left to enter a team in the BNL Basketball League. If you don't join a team, enter your name in the Players' Pool and enjoy a winter full of physical fitness. To place your name in the Players' Pool, call the Recreation Office, Extension 391. The deadline for team entries is October 30th. The entry fee is \$25 per team.

### Bowling News

Irma Carl

#### Red League

Spoilers still leading. This league going wild with 200's. Joe Ferranti rolled a 213/595 series and holds high average of 182. R. Nelson 213, E. Meier 209, N. Anderson and J. Berech 204, A. Beckwith 203 and F. Abbatiello 201.

#### Purple League

It was a dull night with only two 200 games - old reliable Scesny with a 226-555 series and Smol a 221-520 series. The Twisters are still in first place and by the time this appears in print will have had their "moment of truth" with S & M who are avidly pursuing them.

#### Green League

Exots still in first place and with their loss of only two points so far this season, looks like they mean to stay up there.

#### Pink League

Bio Boozers still holding on to first and the Medigals are hot on their heels. Carole Beckner still in lead with her high scratch game of 191. Guess the rest of us are saving our high games for the League Turkey Shoot November 19.

League representatives have been voted in as follows, Red: Frank Abbatiello; Purple: Joe Scesny; Green: Ralph Taylor; Pink: Pat Oster.

### Swimming Pool Notice

The pool is now closed for maintenance repairs. Watch the *Bulletin Board* for the announcement of its reopening date and schedule.

### Recreation Director Takes A Dip

9-950-68



Recreation Director George Sabine surveys the newly-painted swimming pool before it is refilled with water. For George, this is the first time he has been in the pool with his clothes on. After remodeling of the office area and sprucing up of the shower and locker rooms, the pool will be opened for the fall season.

Photo by Humphrey