



BROOKHAVEN BULLETIN

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Science Winners Visit



BNL guests and winners of the New York State Science Congress received a briefing on Extra Corporeal Irradiation of the Blood (ECIB) and Lymph (ECIL) from Dr. Arjun Chanana in the Medical Department. Louann, who plans to be a veterinarian, also toured the animal quarters and talked with BNL's veterinarian, Dr. Darrel Joel.

Science Congress Winners Guests of BNL

What started out to be a science fair project entitled "Absorption of Radio-nuclides by Above Ground Plant Parts and Movement Within the Plant" ended up with a day at Brookhaven National Laboratory for Louann Britton.

Louann's project was declared the winner in the New York State Science Congress, Atomic Energy Projects. As a result, she and her teacher, Mr. Glenn Crossway, were awarded a certificate and a copy of Glasstone's Sourcebook on Atomic Energy by the AEC, and were guests of BNL on July 27. Accompanying them was classmate Terry Souva. All are from the Mexico Academy and Central School in Mexico, New York.

After visiting the Tandem Van de Graaff, the HFBR, and the AGS model located in the lobby, they had lunch with Drs. Harold Smith of Biology and Glenn Price of the Office of Scientific Personnel. In the afternoon they visited with Drs. Arjun Chanana and Darrel Joel in Medical, Dr. Howard Curtis in Biology, and managed to squeeze in a short visit at HIRDL with Jack Cusack.

Selected Reading

Am. Scientist 59, July-August 1971
Fusion research in the USSR. S. Yoshikawa. 463-9

Nature 232, July 23, 1971
Science policy in the developing nations. R.S. Bhathal. 227-9

Phys. Can. 27, July 1, 1971
Student attitudes towards science and technology. L.R. McNarry and S.O. Farrell. 73-7

Dance At Recreation Center

On Thursday, Aug. 5 from 7:30 p.m. to 11:00 p.m., there will be a record dance in the Recreation Center in the apartment area. Beer and soda will be available, and summer students are especially invited to come.

Attention Movie Fans

The French Group of BNL will devote its August meeting to a showing of François Truffaut's film "Jules et Jim" with English subtitles. The film will be shown on Thursday, August 19 at 8:15 p.m. in Berkner Hall.

Starring Jeanne Moreau and Oskar Werner, this film ranks among the great lyric achievements of the screen. It tells the story of a friendship between a German (Jules) and a Frenchman (Jim) and their twenty-year love for the same woman.

The purpose of the French Group of BNL, which meets approximately once a month, is to stimulate interest in French language and culture through films, lectures, play readings, etc. Everyone is welcome to the meetings; admission is \$1.50 for non-members.

Can BNL Fathom The Mystery Of Flax Pond?

It is 4:23 a.m. High tide at Flax Pond. Two solitary figures silhouetted in the early morning light break the stillness gathering clues to decipher the workings of this wetland.

Why would two researchers be awake at that inhuman hour of the morning and, even more inconceivably, why at Flax Pond? Peter Rich and Neil Temple are members of the group under Dr. George Woodwell of the Biology Department that is attempting to answer over a three-year span the questions: How much is a pond worth, and what are the quantitative and qualitative contributions of an estuary to human and other life-support systems.

These can be answered in part by realizing that the world is run in large part by such living systems as estuaries, forests, fields, lakes, and streams. "We think it is vital to understand how the natural systems have dominated the earth up until now," Woodwell stated. "In the larger context of things, you have to know how the systems work, how efficient they are in doing their job. Undisturbed natural ecosystems do many services for man; for example, they keep the atmosphere roughly balanced as far as natural gas content is concerned, and they clean the atmosphere in various ways. Forests and marshes actually scrub pollutants out of the air."

Located on the north shore of Suffolk County approximately midway between Crane Neck Point to the west and Old Field Point on the east, Flax Pond at first glance does not seem worthy of such attention: just stalks of salt hay covering the quicksand-like mud; killies, shiners, flounder and horseshoe crabs abounding; and, lord, the bugs droning everywhere.

Yet, it was chosen for a research site after intensive searching because of its single exit to Long Island Sound and for its reasonably undisturbed, largely unpolluted nature. Evidence from Brookhaven and Old Field Town records indicate the pond contained alternately fresh and salt water. Up until about 1801, it was used for an animal watering hole and a flax industry, from which it derived its name.

Flax Pond was also once the site of an oyster business. The marsh was bought by the New York State University at Stony Brook in 1966 for use as a teaching and research area.

The first stage of the three-step project is focusing on the carbon budget of the estuary. Estuaries are particularly rich and vital and highly productive, fixing much carbon through photosynthesis. That carbon and the energy contained in the carbon bonds is diverted into various uses, into stored organic matter and into supporting other plant and animal populations. There is very good evidence, according to Woodwell, that estuaries are vital in supporting oceanic and coastal fisheries. For example, five of our six most important commercial

Strike Report

Earlier this week Commissioner Angelo Bottone of the Federal Mediation and Conciliation Service announced the fourth contract negotiations meeting, which was held yesterday, August 4, in the Kings Grant Motor Inn, Plainview, Long Island. Because the *Brookhaven Bulletin* goes to press on Wednesday, we are unable to report on any results of yesterday's meeting.

Earlier this week, however, Joseph Washburne, head of the Laboratory negotiating team, reported that as of Tuesday, there had been little progress. He stated that "Nevertheless, the Laboratory is hopeful that significant progress will be made at the Wednesday meeting. The main issue continues to be wages and fringe benefits."

In the previous meetings, the union did not lower its original demand for a wage package amounting to 12 per cent annually plus a cost of living adjustment based on the New York City index.

The strike, which began on July 1, is now five weeks old. Some comments on the strike from non-striking employees in response to last week's Letter to the Editor are reproduced elsewhere in this issue.

fish are estuarine dependent.

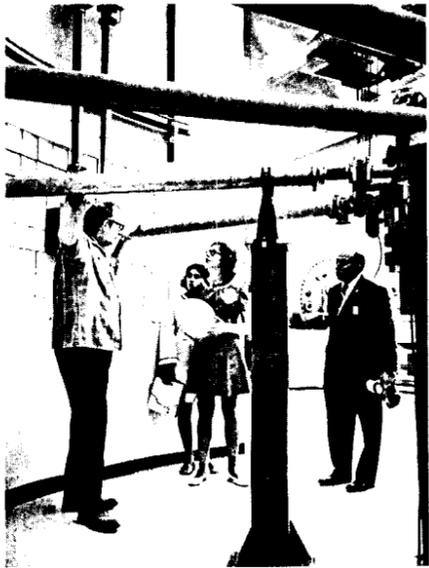
Concerning the encroaching development at the cost of our environment, Woodwell cautions, "Classically marshes are thought of as unhealthy places, so we fill them in especially around cities and build houses on them. We poison them with our sewage and pollute them from our cities, so they don't function at all anywhere. Then we will lose the oceanic fishes."

Peter Rich and Charlie Hall, both post-doctoral candidates, and Neil Temple, technician, and several other investigators are involved in discovering the extent to which Flax Pond exports organic matter in various forms into Long Island Sound, specifically measuring the exchanges of carbon dioxide and oxygen through the inlet. This information will show just how much carbon is fixed by the estuary, and the relation between the energy fixed in the pond and that energy used.

In the second phase of the work, the researchers will focus on the pond's plant communities, measuring the gaseous exchanges with the atmosphere. This and other information will allow the researchers to construct a carbon budget for the estuary. The third step will look at the budget of other elements, such as sulphur and nitrogen that also are required to support life, and whose cycles may be importantly influenced by the functioning of estuaries. They wish to determine, for example, if the marsh is trapping the growing amount of sulphur which is polluting the air from New York City.

As to why a nuclear laboratory is involved with Flax Pond, Woodwell responded, "It has an indirect bearing in the sense that we learn pathways of movement of radioactivity released into the environ-

(Continued on page 3)



Louann Britton, winner of the 1971 New York State Science Congress (Atomic Energy Projects), holds a "Sinkable Molly Balloon" filled with sulfur-hexafluoride by Harvey Wegner (left) at the Tandem Van de Graaff. Accompanying her were her science teacher, Mr. Glenn Crossway (right), and classmate Terry Souva.

Notice

Employees and guests who make purchases for delivery on site by other than the U.S. Mail should be advised that almost no deliveries are being made on site due to the strike. A few of our employees and guests have been inconvenienced by having their personal purchases placed in storage off site along with the Laboratory's goods. If the U.S. Mail cannot be utilized, you may wish to make other arrangements.

Time And Tides Wait For No Man At Flax Pond



Here looking northward toward Long Island Sound is Flax Pond, the site of a three-year biological experimental project.

Mayhew Monitors Radiation Levels



The watchdog in the Health Physics Department, Marion Mayhew checks the readings of a tray of shirt-pocket dosimeters.

Marion Mayhew Matriculates Again

What was it Mark Twain said, something like what a pity it was that youth was wasted on the young. Marion Mayhew is 53 years young and still has perhaps more youth than many a teenager. She is alive, with grey hairs that just must be natural, for they certainly could not have grown from needless worry. Why, she will probably have her bachelor's degree even before I will.

It is never too late to learn something new, as proven by her recently obtaining an associate degree in humanities from Suffolk Community College as the culmination of seven years' work. Moreover, Marion plans to attend Hofstra University in the fall to get her BA in French. She already knows Russian.

No, these are hardly required fare at Brookhaven National Laboratory, except perhaps to holler at an absent-minded visiting Frenchman who forgot to wear his film badge or to play a game of Russian scrabble over lunch and a glass of vodka.

Then why, you wonder, would anybody in her right mind be going to college if she already has a decent job that she enjoys - keeping track of the radiation levels for individual BNL employees. "I'm girl Friday of the Health Physics Department and mother hen to 500 of my charges. But I think it's good to learn another skill, another field just to make yourself a more rounded person."

Her desk is tucked back in a corner beside a daffodil yellow intra-office telephone with paste-on psychedelic flowers that is across from the old kitchen in the AGS. With pipes and sprockets and blinking electronic monster machines, the furnishings are not the most glamorous, she admits. "But the AGS is great. It's kind of an adventure - the lights on the panels blink on and off with different colors and a voice booms over the loudspeaker, 'the accelerator beam is now on' just like in a science fiction movie."

Marion is a veteran of BNL coming here in 1948. She has watched the Lab grow, age, and renew itself periodically through the years with bigger and more

complicated structures springing up around her. She recalls the big beer party out on the lawn following the breaking of the ground for the graphite reactor. "Everybody was there," she said. "It was like a family then."

"It's funny to see parts of the Lab die. I saw the birth of the Cosmotron, and I saw its death. Now the medical reactor is dying. I guess that is a sign that science is always progressing; things become obsolete."

Born in New York City, her Brooklyn accent still is strong despite her years of French and Russian. Outside of work at the Lab and homework from school, she keeps busy with many interests: bowling ("our team won the championship last year"); fishing ("I caught a 45-pound striped bass when Marty Heine and four others of us chartered a boat once"); cooking ("chicken Provencal is my favorite"); and singing (I have heard from a reputable source that she is a great alto.)

Beneath her anecdotal good humor is a serious side. If she could change anything, she would like to change the educational system. "I want to see a teacher like Socrates with a little group around him and I want to get rid of the institutions. It is just like a mill now - they turn you out and they turn you off, because to many of them it is just a job. The bureaucracy is so well established, though, that I really don't know how to change it."

Marion has a lot of faith in the younger generation; perhaps it is undeserved, for all too often they ignore and scoff the wisdom accrued by their elders. "Enjoy life," she advises, "and don't worry about getting old, because life just unfolds. I feel just as young as you do."

Her philosophy guards her from worrying about security, for after 30 years of work she has \$100 in the bank. "When I was in Las Vegas, I won two jack pots. My brother-in-law took me by the ear and dragged me to the bank and that is all I have in there still. Nobody believes it, but it's true. And I couldn't tell you what I have spent my money on."

I can picture her after her retirement, sipping her scotch and telling her stories, enjoying her life as always. "I don't worry," I can hear her saying, "the Lord will provide."

Amen. -Johnson



Marion Mayhew

Letters To The Editor

Dear Sir:

In answer to last week's appeal, here are my impressions of the strike. I may sound uninformed. I am. But I am repeating some of the comments I have heard from people here.

Rumor must be separated from fact. I would welcome bulletins from the union to be distributed like those the Lab has been issuing, preferably side by side, perhaps in the *Brookhaven Bulletin*.

Almost everyone laments the waste of time and money for the strikers. You must be discouraged, your families hungry, your debts piling up. If you have a strike fund created from payment of union dues, this must help some; if you don't, if I were a union member, I would wonder where my dues have gone all these years. We here on the inside have been doing some of your work, not because we don't sympathize with you, but because the work is there to do, and, like household chores, tends to pile up and lead to chaos if not done. We have been doing double duty, in some cases for no extra pay.

I guess to some of us your request for high wage increases seems quite illogical. The Lab is government funded and a nonprofit organization operating on a fixed budget, and any increases, just as in business, will be passed no matter how indirectly, on to us who work here and to our fellow taxpayers. Let me ask whether you feel in your heart that your demands are justified, or do you have a sneaky feeling that you are being pawns of union leadership which commonly makes higher demands than they expect to get, both to justify their salaries and their existence - and because this is the name of the game? By the same token, is the Lab management dragging its feet because it is saving money by your being absent from work, because they don't want other workers unionized, and because, again, the "game" calls for this kind of tactic?

My words are said with a heart full of sympathy for everyone concerned. And sadness that our disagreements have to turn to warlike fight-out tactics instead of sensible, realistic negotiations. Sounds like some of our country's deadlocks, past and present.

I appeal to both Lab management and to strikers to come to quick agreement. Too much time has already been lost. Pride should have no place in this situation.

Have any rank and file union members been included in the negotiation team? Have any rank and file Lab employees been asked to sit in? If not, why not? Because it just isn't done?

Perhaps a neutral point of view would be useful. With best wishes for all concerned,

Claire Hull - Medical

Dear Sir:

Answering Letter to Editor in the July 29, 1971 issue of the *Brookhaven Bulletin*, I wish to state that inasmuch as the strikers have no consideration of the 80% of fellow workers who are not on strike, by insisting upon 18% increase in salary, in spite of the 60 persons who must be deprived of jobs to make it possible for the Laboratory to accede to union demands, I have no consideration for you and your adamant selfishness.

An employee in Bldg. 911

Dear Sir:

No doubt Mr. McGrath and the rest of the IBEW would be surprised if they could see how well the Laboratory is operating without them. The most conspicuous result of the strike is that there is plenty of space in the parking lots.

I am sure that many of the staff feel, as I do, great sympathy for the union members as friends of many years' standing. We sympathize with them because they have been beguiled by visions of pie in the sky into a course which can lead only to hardship and eventual disappointment.

J.B. Horner Kuper

Dear Sir:

I wish everyone would take a few moments to reflect upon the current Laboratory situation by listening to Tom Clay's version of "What the World Needs Now Is Love Sweet Love." There are so many instances these days where people find themselves caught up in violence, many times even for a good cause. But what we forget is that the end-result of violent actions is unpredictable, often irreversible. If all those using pressure to force some action would consider this plea: Uphold your personal standards above all else and if these should include non-violence, take care not to lend support to any group which temporarily waives this right to achieve some goal. Forgive the pun, but, take care lest you get more than you bargained for. Non-Violent

Dear Sir:

This is in answer to Mr. J. McGrath's request for opinions about the IBEW strike at BNL. The views expressed here are shown by each and every friend and acquaintance of mine, Lab employees and non-employees of the Lab.

For the following reasons, I believe the strike was a disaster from the very beginning, with little or no hope of gaining more than the Lab had already granted the non-union employees.

1. To start a strike on the eve of a four day holiday weekend was less than clever strategy.

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Published Weekly for the Employees of Brookhaven National Laboratory

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Arrivals & Departures

Arrivals

Michael L. Ioffredo Physics
Martin A. Kramer Physics
Albert A. Pinelli Physics
Gerard C. Wong Chemistry

Departures

Robert J. Eagen P.E.P.
Tadahiko Kohno Biology
George C. Lindauer Applied Science
Richard S. Silbergliitt Physics
Julia A. Thompson Physics

Cafeteria Menu

Week Ending August 12, 1971

Friday, August 6	
Manhattan Clam Chowder	
Roast Beef w/Brown Gravy & 1 Veg.	.85
Fish 'n' Chips w/Tartar Sauce	.80
Poached Haddock w/Creole Sauce & 1 Veg.	.90
Monday, August 9	
Chicken Soup	
Barbequed Roast Pork & 1 Veg.	.90
Jumbo Knackwurst & Sauerkraut w/ Mashed Potatoes	.80
Macaroni & Chopped Beef - Spanish Style & 1 Veg.	.85
Tuesday, August 10	
Puree of Split Pea Soup	
Beefsteak Pie w/Vegetables & Biscuit Crust	.99
Southern Fried Chicken & 1 Veg.	.85
Stuffed Cabbage & 1 Veg.	.85
Wednesday, August 11	
Vegetable Soup	
Beef Hash w/Chile Sauce	.80
Broiled Link Sausages w/Scrambled Eggs & French Fries	.90
Florida Shrimp Louisiana	.95
Thursday, August 12	
Cream of Mushroom Soup	
Pork Chop Suey & 1 Veg.	.90
Grilled Rumanian Steak, Fried Onions & French Fries	.95
Cheese Omelet w/Bacon Strips & French Fries	.80

Hospitality News

The next Hospitality Committee morning coffee will be held from 10:00 a.m. until noon on Monday, August 9 in the Apartment Area Recreation Building.

Everyone is welcome - bring the children. Don't miss this chance to meet our summer visitors who will be with us for such a short time.

So far as a strike is concerned, July 6 or 7 would have been as good starting dates as was July 1.

2. Each week of striking, 2% of one's annual wages are lost. After four weeks, an 8% raise is needed just to break even for the fiscal year.

3. Even should the striker break even financially, can the frustration of not providing for one's family, the doubts of insecurity within the family, and the questioning of one's value be worth it all?

4. This year, many people are receiving no wage increases, some have even taken cuts in pay, and take the attitude that it is better than looking for another job.

5. The strike cannot help the future of the Lab, neither from within nor from the outside. In a few instances hard feelings are being generated that can take a long time to abate.

6. Finally, there will be cases as this story: A man asked to be excused from jury duty because of his job and the judge said, "Are you telling me that the boss cannot get along without you?" The man said, "No! I don't want him to find out that he can!"

No one takes this strike lightly, it is of deep concern to each of us. I most sincerely hope that the union members will soon return to work.

Carl A. Christianson - AGS

Dear Sir:

On behalf of Mrs. Sal Giannino and her family, I want to thank all you wonderful people that came to her aid. Once again you have proven that BNL people are the greatest in the world. With sincere thanks, Ptl. M. McAllister



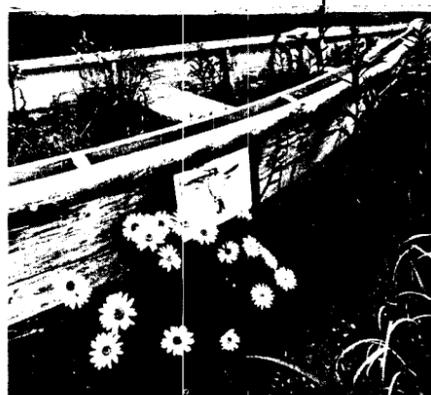
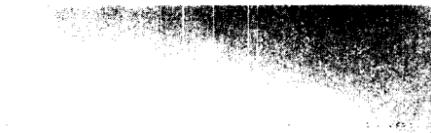
Peter Rich (right) and Neil Temple (left) stoop in the early morning light to retrieve the samples of inlet water at high tide.

Flax Pond

(Continued)

ment. We also learn about natural ecosystems to the extent that we can predict changes induced by various types of disturbances."

For example, we know that increasing the temperature of an estuary results in an increase in the rate of respiration without increasing the plant production. If we do that, we will decrease the standing crop by some amount. The question is how much and where does the reduction occur.



This tableau captured at sun rise is perhaps a resident's personal tribute to nature.

In addition, radioactive carbon-14 is being used experimentally two ways: for measuring organic production in the water and in radioactive dating to get the age of the sediment of the pond. A further reason for BNL's interest in the salt marsh is its long term commitment to basic scientific research of all types, including the study of units of natural landscape.



A cooperative friend of the BNL researchers who lives right by the marshlands donates his jeep for their use in taking samples along the inlet.

Although similar research is being conducted elsewhere, the Flax Pond study when finished will constitute the most complete information on an estuary. "The basic information is necessary before one can really have a good understanding of such a problem as radioactivity in the environment or any other type of problem," Woodwell stated. "I suppose most people who think about it hope that human activities can be restrained to the point where we won't make abrupt or important changes in essential characteristics of the biosphere and that the demands of man on natural ecosystems will be kept to such low limits that natural ecosystems will continue to dominate the earth."

Soccer

K. Batchelor

BNL 3 vs Patchogue S.C. 1

Saturday, July 31 found BNL facing the Patchogue Soccer Club. Both teams were one man short and so it was obvious that the condition of the players would be a prime factor in the outcome. BNL wasted no time in scoring; Cox beat two men, slipped the ball to Preece who sent a terrific shot into the Patchogue goal - total elapsed time two minutes. Twenty minutes later Cox had one in the net.

The play remained even until one minute before half time, when during a Patchogue attack a Lab defender handled the ball, resulting in a penalty kick which was converted by De Bruyn.

The second half was much like the first, with Chen making some good saves for BNL including a penalty kick. Late in the second half BNL began to wear down the Patchogue defense with repeated attacks ending in a cross from D. McCafferty on the left wing, which Cox wasted no time in putting into the back of the Patchogue net.

All in all, a good fast game despite the humid weather. Best players for BNL - Cox, Chen, McLaren for Patchogue the man and De Bruyn.

Football Notes

by Jack Brennan

Time to pick up your entry blanks for the coming BNL Touch Football Season. The game is now a non-blocking, primarily passing game. Six men constitute a team, with a ten man maximum roster; twelve men with shift workers.

Entry blanks should be in by August 23rd with a \$25 team entry fee. Season should begin around the first week of September.

For more information call one of the League Officers. President - Bob Barone, Ext. 7356, Vice President - Ed Taylor, Ext. 396, Secretary - Jack Brennan, Ext. 2814.

Diamond News

by Dean Easler

Hurrah for Johnny Post! He is the only captain in two weeks to report softball news. John, your news has not been filed but will be reported here and now. First, however, three weeks ago the softball news was submitted but for some unknown reason never reached print. Two weeks past and there was not enough news available to constitute an article.

Since the information from three weeks ago is no longer on hand, we'll jump back two weeks and report that the Pop-Ups edged Chemistry 12-11 in a see-saw game where Artie Dick continued his good hitting (.605) while Dale Benos hit his fourth homer in five games. R. Lingg drove in the winning run for the Pop-Ups with a key base hit. That's all from the National League but for the same week the Old Timers defeated the Blue Jays 13-4 and the Dirty Sox, with four men, really slaughtered Metallurgy as they forfeited to them but were tough in a pick-up game.

No Laboratory League news has been received in the past two weeks.

Last week, Johnny-on-the-spot reported that the Pop-Ups won again 7-2 over the Six-Pax. Excellent pitching was provided for both teams by L. Schiro of the Six-Pax and A. Dick of the Pop-Ups. Dale Benos again homered for the Pop-Ups who now are 10-1 on the season in the National League and look to be the leading candidate for League Champs.

One known score from the Brookhaven League has the Blue Jays winning a close one from the Dirty Sox 15-12 who played the first five innings with eight men. Gill DeGregory arrived for the sixth inning of play and hit a three-run homer for the Dirty Sox to keep them in the game.

Tennis News

Results of the first round competition in the 1971 BERA Tennis Tournament are starting to come in. The results are posted in the Gymnasium. The posted results as of Tuesday, August 3, are repeated below.

Men's Singles

Preliminary Round: Bornstein-Platner, 11-12, 6-1, 6-1; Bailey-McKenzie, 6-0, 6-1; Palmedo-Baum, 6-1 6-2.

First Round: Koetzle-Goosman, 6-2, 6-1; Passell-Borenstein, 6-3, 6-2; Feldberg-Chu, 6-3, 6-2; Kevey-Elmore, 6-4, 7-5; Brandon-Thomas, 6-1, 6-0.

Three matches are still needed to complete the first round. All contestants are urged to make every effort to get back on schedule. We should be well into the second round by now!

The Walter W. Merkle Men's Doubles

First Round: Auskern, Kevey-Kusmis, Goosman, 6-0, 6-0; Koetzle, Passell-Mattern, McKenzie, 6-0, 6-2.

Two more matches are needed to complete the round.

Mixed Doubles

First Round: Kevey, Kevey-Stevens, Passell, 6-0, 6-1; Stangby, Palmedo-Abata, Abata, 6-1, 6-2; Palmedo, Schaeffer-Baum Baum, 6-4, 6-1; Connell, Feldberg-Thomas Thomas, 6-2, 6-0.

This completes the first round. The Tennis Committee wants to thank all of the Mixed Doubles players for their cooperation in keeping the tourney on schedule.

Ladies' Singles

First Round: Wiswall-Baum, 7-5, 6-1; Stevens-Mills, 6-0, 6-1; Auskern-Phillips, 6-1, 6-3; Stangby-Abata, 6-4, 6-2.

Two more matches are needed to complete the round.

Contestants are reminded that it is the winner's responsibility to report the results of each match so that they may be posted promptly.

Second Summer Movie - The Servant

The Servant is Joseph Losey's (Finger of Guilt, Eva, King and Country, Accident) best known and most complex work. Tony (James Fox), an indolent, spoiled, and wealthy young man living in a palatial home, hires a manservant, Barrett (Dirk Bogarde), who succeeds at taking over the house and dominating the master. The insidious way in which the plot is executed is fascinating and shocking, and Losey focuses most of his attention on the changing master-servant relationship.

He also presents a complicated set of other relationships. Assisting Barrett is his mistress, Vera (Sarah Miles), who seduces

Tony as part of the scheme, but develops a sincere affection for him. Tony's fiancée Susan (Wendy Craig), an upper-middle-class girl, resents Barrett because of both his lower class and his domination of Tony; yet she becomes fascinated with the servant's corrupt world. This interweaving of couples and triangles adds up to a virtually complete exploration of the class structure in England.

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The Servant will be shown on Friday, August 6 at 8:30 p.m. in Berkner Hall. Admission for adults will be \$1.50, and for those under 18, \$.75.

Architecture Exhibit At Berkner Hall



One of the commonly overlooked riches of Suffolk County is its architecture. Within this region are fine examples of the important periods of architectural activity in this country from the mid-seventeenth century to the present time, and many of America's most creative architects are represented within its boundaries. This heritage is valuable not only as an illustration of historic changes in social conditions, but also for the intrinsic aesthetic merits of the structures themselves. The interesting houses, churches, and public buildings are widely distributed, and only the most ardent architectural buff knows where to find them. "The Homestead" fireplace, shown above, is only one of the many selections in the exhibition sponsored by the BERA Art Committee. The exhibit will be shown in Berkner Hall beginning at 8:30 p.m. on Tuesday, August 10. It will be open weekdays from 11:00 a.m. to 5:00 p.m. August 11-20, and evenings 6:00 p.m. to 8:00 p.m. August 13 and 20. The exhibition is sponsored through the courtesy of the Heckscher Museum under a special grant from the New York State Council on the Arts and the Society for the Preservation of Long Island Antiquities.

