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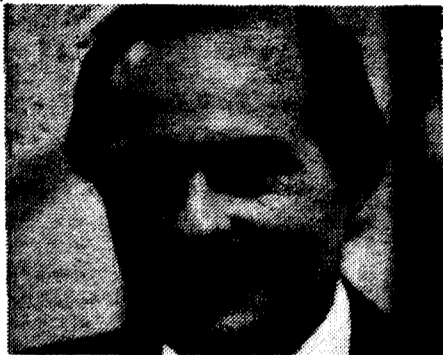
**A Look At Primate
Preservation, Artificial
Reefs, and More**

Statesman

Newspaper for the State University
of New York at Stony Brook
and its surrounding communities

Monday, April 18, 1983
Volume 26, Number 74

Ex-RHD Loses Suit Against Admin



Statesman/Howard Breuer

Residence Life Director Dallas Baumann relieved Indra Kaushal (below) of her duties as residence hall director for Hendrix College in September.



Statesman/David Jasse

By Pete Pettingill

A former Stony Brook employee and student lost her suit against the University when a Suffolk County Supreme Court Justice ruled that she received due process prior to her dismissal from her Residence Hall Director (RHD) position. After the ruling, Kaushal withdrew from the University.

Indra Kaushal, a former Stony Brook graduate student in the School of Social Welfare and former RHD of Hendrix College, was fired from her job in late September of 1982 by Residence Life Director Dallas Baumann. She then filed a suit against the university on Dec. 22, charging that her right to due process was denied when she was dismissed.

However, the court decided that Kaushal received her due process from the Stony Brook Administration when Baumann interviewed her on September 24, prior to her dismissal.

Baumann said there were a variety of reasons for her dismissal, most of which he refused to discuss. However, he did say one of the reasons was her involvement in an incident reported by Statesman last semester. In that incident, Chris Heyden, a Hendrix resident, filed a grievance statement with the Department of Residence Life, charging that

Kaushal permitted a stranger to enter his suite on September 15, 1982. Heyden said he emerged from the shower that day and found a man in his suite with a set of master keys, which Heyden said Kaushal later admitted to have given the stranger.

Kaushal, however, testified that she gave Heyden's suitemate, Gary Halada, notice that she was going to search his suite for illegal residents. Kaushal also

said the male she saw come out of the shower that day was neither Heyden nor Halada, but a 6'1" blonde male. She said she was with the stranger who entered their suite and the he was Jose Ramirez, a former Residence Life Employee. He was there, she said because "being a rather dimunitive female and duly concerned about the possible consequences and/or embarrassment" she asked for assistance.

GSO Seeks Marburger's Input

The Graduate Student Organization (GSO) "will be going over the head of Emile Adams (associate vice president for student affairs)" in their response to a warning he gave the organization concerning their use of funds, said Sam Hoff, the organization's president.

Earlier this semester Adams warned the GSO that they misused their funds when they gave Indra Kaushal, a former Stony Brook student and employee who unsuccessfully tried to sue the university, \$250 toward her legal fees.

Hoff said the GSO will "go over the head" of Adams by asking President Marburger to make a decision on the use of funds on the grounds that the precedent case of Zollar vs. Ketter (which supposedly led to SUNY guidelines prohibiting the use spending of student activity fee money on individual students) was not a precedent setting case at all, but simply a case where the president of a university was judged to have the power to decide the appropriateness of a student government's spending of funds.

- Pettingill

Security Plan Meets Opposition

By Saleem Shereef

The University's decision to install a computerized magnetic scanner locks system in two residence halls in G-Quad is running into opposition from the residents of the buildings and Polity.

The two buildings slated for the installation of the new security systems are Irving and O'Neill colleges. Robert Francis, vice-president for Campus Operations, attributed the necessity for such a system to the high incidence of vandalism and petit larceny in the lobby connecting the two buildings, which, he said, tend to be loitered by off-campus persons.

A feature of the computerized system is its ability to identify students by reading the code numbers present in the strips on their ID cards, enabling it to keep track of a student's movement into and out of the building. This feature is also the main reason there is opposition to the new security system. According to Polity Vice-President David Gamberg, also a resident of Irving College, the residents are opposed to the university's decision because it encroaches upon their privacy by monitoring all their movements into and out of the building. "This is the closest to 1984 they (University officials) can get," he added, making a reference to the futuristic novel by George Orwell.

Francis declined to comment on the opposition his system received and added that he would not like to say anything at present either for or against the new locks.

The decision to install the new scanner system was also brought up in the Polity Senate meeting last Monday, where it was unanimously opposed on the grounds that it was infringing upon the basic right to privacy of the residents. According to Polity Secretary Barry Ritholtz the cost of installation of the new system would amount to over \$85,000, money he said, which could be spent on something more usefully. He said examples of more useful projects were on maintenance, renovations projects and "repairing the years of neglect of basic facilities in and around the building (Irving and O'Neill).

According to Gamberg, the security of the building, which Francis said was lacking, could be maintained by the Volunteer Resident Dorm Patrol, which, he said, could do a more efficient job than the scanners.

The opposition from the residents is still in its beginning stages, according to Gamberg. "What is in order now is to get a stronger feedback from the students on the present situation and present a good opposition to



Statesman/Mitch Buchalter

Robert Francis, vice-president for Campus Operations, will speak to the Irving College Legislature tonight about the security system they reportedly oppose being installed in their building.

the system being installed in the residence halls." According to Carolyn Schmidt, chairperson of the Irving College Legislature, Francis will be addressing the Legislature tomorrow to explain the functioning of the proposed system.

**SB Students To
Vote on Polity
SASU Membership**

—Page 3

**Womens Track
Gets Rundown**

—Back Page

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Compiled from the Associated Press

Metro-North Train Services Restored After Six Week Strike

New York—The Metropolitan Transportation Authority (MTA) and the United Transportation Union (UTU) agreed last night to submit to binding arbitration, restoring full Metro-North train service for today's rush hour and ending a six-week trainmen's strike.

"We fully expect our men on the job tomorrow," said Richard Frear, UTU general chairman for the carrier's Hudson and Harlem lines. Richard Ravitch, chairman of the MTA, agreed, adding, "We're all very pleased that service is restored. The trains will run on a regular schedule today."

Ravitch said that "binding arbitration, which I advocated at our first meeting with Metro-North, will now settle our differences. Arvid Anderson will determine which issues go before the arbitrators. Both sides agree he is well acquainted with the issues and best able to decide which ones go before the board."

Earlier yesterday, the last group of striking Metro-North trainmen voted 159-28 to enter binding arbitration. The MTA voted in an executive session that night to turn the remaining issues over to a three-member panel.

Union leaders said the signed agreement would assure the return to work of its 622 conductors for the first time since March 7. During the 6-week strike we have made significant gains in job security, seniority and other issues," Frear said.

Just prior to the MTA board meeting here, UTU leader William Beebe said, "I believe that the strike is, in effect, over. We fully expect the trainmen will be working this morning. I talked to the vice president of operations - he doesn't have any difficulty in preparing the trains for service so we expect the trains to roll on schedule."

When asked if the strike was worth it, Beebe replied, "Yes it certainly was." However, he added, "We didn't get what we wanted yet. We think that we'll achieve that either through collective bargaining during the ensuing 45 days, or through arbitration."

P.J. Cunningham, a union spokesman at the rank-and-file meeting in Croton-on-Hudson, said that Frear advised them before the vote that 15 issues would be left to the arbitrators. The three major ones were an eight hour day, starting time and crew size, he said.

On Saturday, the UTU's New Haven division negotiating committee agreed to the arbitration plan but they, too, said they would not return to work until an agreement was signed. Metro-North, meanwhile, worked all day yesterday with non-striking union maintenance employees to get the trains ready to roll this morning for its 90,000 daily commuters.

Spokeswoman Susan Gilbert said about 183 people had been working on the signals, tracks, buildings, bridges and power systems. "Basically, we will be ready," for the first train this morning, she said. The first scheduled train leaves Brewster at 4:52 AM on the Harlem line; New Haven at 5:14 AM on the New Haven line and Poughkeepsie at 5:22 AM on the Hudson line.

On the first day of service, Ms. Gilbert said, passengers would ride free. Commuters holding monthly and weekly tickets will also be able to get credit and discounts on tickets for the month of May, she said.

The MTA agreed to take over its Harlem, Hudson and New Haven lines in New York's northern suburbs, and negotiated new contracts with all 17 unions serving the railroad. They also saw the occasion as an opportunity to eliminate some costly work rules, including mandated work crew sizes.

Agreements were reached with all but the UTU, whose trainmen also began a similar strike that lasted 34 days against NJ Transit rail system. That strike began one week before the Metro-North action. The union steadfastly refused to give in to the MTA's demand that it be the sole arbitrator of crew size, thereby ending a traditional system of negotiating crew size.

News Briefs

National

Washington—The official responsible for protecting workers from hazardous substances has effectively ruled out emergency action on dangerous chemicals because he says it would take too much time from other agency activity.

Nevertheless, Thorne G. Aucter, assistant labor secretary in charge of the Occupational Safety and Health Administration, says he won't seek more personnel to make issuing emergency standards easier.

"The resources aren't there. The government's going busted," said Aucter in an interview with the Associated Press.

Congressional Democrats and labor officials have criticized Aucter's past refusals to issue "emergency temporary standards" for chemicals scientists believe present serious hazards to workers. "If he's telling us that he knows - based

on his scientists' advice - that workers are going to die...and yet he is not moving because OSHA doesn't have enough money and then he stays with his current budget, that's outrageous," said Rep. David Obey, D-Wis.

At a congressional hearing last month, Obey accused Aucter of having the same kind of anti-regulatory attitude and cozy relationship with industry that sparked the controversy at the Environmental Protection Agency and criticized him for not issuing a single new permanent standard for regulating toxic chemicals during his two years at OSHA.

Since taking office in 1981, Aucter has rejected labor petitions for emergency standards on ethylene oxide, ethylene dibromide and formaldehyde, three suspected cancer-causing chemicals.

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SB Students to Vote on Polity's SASU Status

By Greg D'Auria

Stony Brook under-graduates will have the chance to vote on whether or not they want Polity to join the Student Association of the State University (SASU) in the elections to be held on April 26.

This marks a change of heart on the part of Polity-which has refused to place this referendum on the ballot in the elections of both last fall and spring.

According to Polity's constitution, the referendum will pass if a majority of the voters casting ballots approve it. If it does, the money to pay for joining SASU would come out of the student activity fee, increasing it to \$40.75 per semester next year.

SASU defines itself as a student lobbying group representing the interests of students statewide. They also serve as a central communicator between all the SUNY campuses.

Last year, though, there was growing sentiment within Polity that SASU was ineffective as a voice for students. This, in part, led to Polity withdrawing from SASU and tabling any referendums the past two semesters to rejoin it.

According to Polity Secretary Barry Ritholtz, the reason the referendum is going to be on the ballot is

that the SASU administration has changed this year. "They're more professional this year," he said.

Ritholtz said that last year SASU over-extended themselves, trying to take on too many issues at one time. "They went for everything and wound up with nothing," he said.

Under Jim Tierney, SASU's new president, and Scott Wexler, the new executive vice-president, Ritholtz said SASU has been effective in pursuing specific goals. "This year," he said, "the difference is like night and day." He cited SASU's effective lobbying in holding down the increase in dormitory fees last semester, getting the initial proposals reduced "by several hundred dollars."

SASU also stopped, according to Ritholtz, fees proposed for athletics and maintenance by the legislature from being implemented.

Ritholtz pointed out that the weight of SASU would be a benefit to have on the side of Stony Brook students. SASU, he said, has access and influence to the people who affect students. Jim Tierney has a seat on the State Board of Trustees and an open line with Governor Cuomo.

Mary Prendergast, communications director for SASU, confirmed Ritholtz's comments, citing the effort SASU will make on behalf of the Graduate Student Organization (GSO) of Stony Brook in fighting against the proposed tuition hikes for graduate students this summer. Prendergast also mentioned the success SASU had in stopping the administration at SUNY-Albany from cutting library hours.

Another reason why it would be wise to join SASU, according to Ritholtz, stems from the "friction" be-

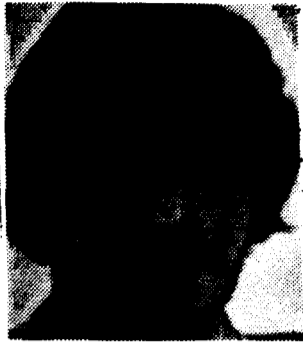
tween the GSO and Polity. The GSO never broke with SASU and he said he feels that some of the tension between Polity and the GSO would be alleviated if both were members. "It would help break the ice," he said.

Prendergast said Stony Brook benefits from SASU's successes on state wide issues even though it is not a member. Prendergast said, though, that in addition to not having SASU's aid for campus wide issues, Stony Brook misses out on SASU's political lobbying efforts in local areas.

SASU, according to Prendergast, keeps a close eye on the individual records of legislators on all higher education bills. During elections SASU goes after those legislators who do not have a history of supporting higher education. Presently, she said, SASU does nothing about the anti-student legislators in our area.

As for SASU, they need Stony Brook, according to Prendergast, because "it makes us look more creditable in the eyes of legislators." Also, Prendergast said that despite SASU's recent successes, it's still vulnerable "as long as it's fragmented."

Ritholtz said another advantage to joining SASU is the price. He said the cost for SASU in all the other state universities is \$1.50 per student. The desire to have Stony Brook back as a member is such that SASU is willing to cut that price in half for Stony Brook, he said. Ritholtz said that considering Polity's constant opposition to increases in tuition, it would be "hypocritical" to just impose a 75 cent increase and deny students the chance to decide the issue for themselves.



Statesman/Mike Chen
Jim Tierney

Blood Drive To Be Held Here

There will be a blood drive Wednesday from 11 AM to 7:30 PM in the gymnasium.

Coupons for free beer at the Rainy Night House and for McDonald's Big Macs will be given away at the drive, which is sponsored by the Stony Brook Blood Drive Club. There will

also be pizzas and cakes raffled off during the event, said Adrian Christian, vice-president of the club.

The club, which works through the Long Island Blood Services, is aiming for a new record to beat the 600 pints collected last semester.

—David Brooks

Singer to Sign Autographs, Hold Concert

Singer David Johansen will be signing autographs and giving away albums today in

the Stony Brook Union. According to an SAB official, Johansen will be in the Union lobby at 5 PM and will go down

to SCOOP Records later in the day.

Johansen, who is returning to Stony Brook after a performance here earlier this year, will perform at Tokyo Joe's at 11 PM today.

—Brooks

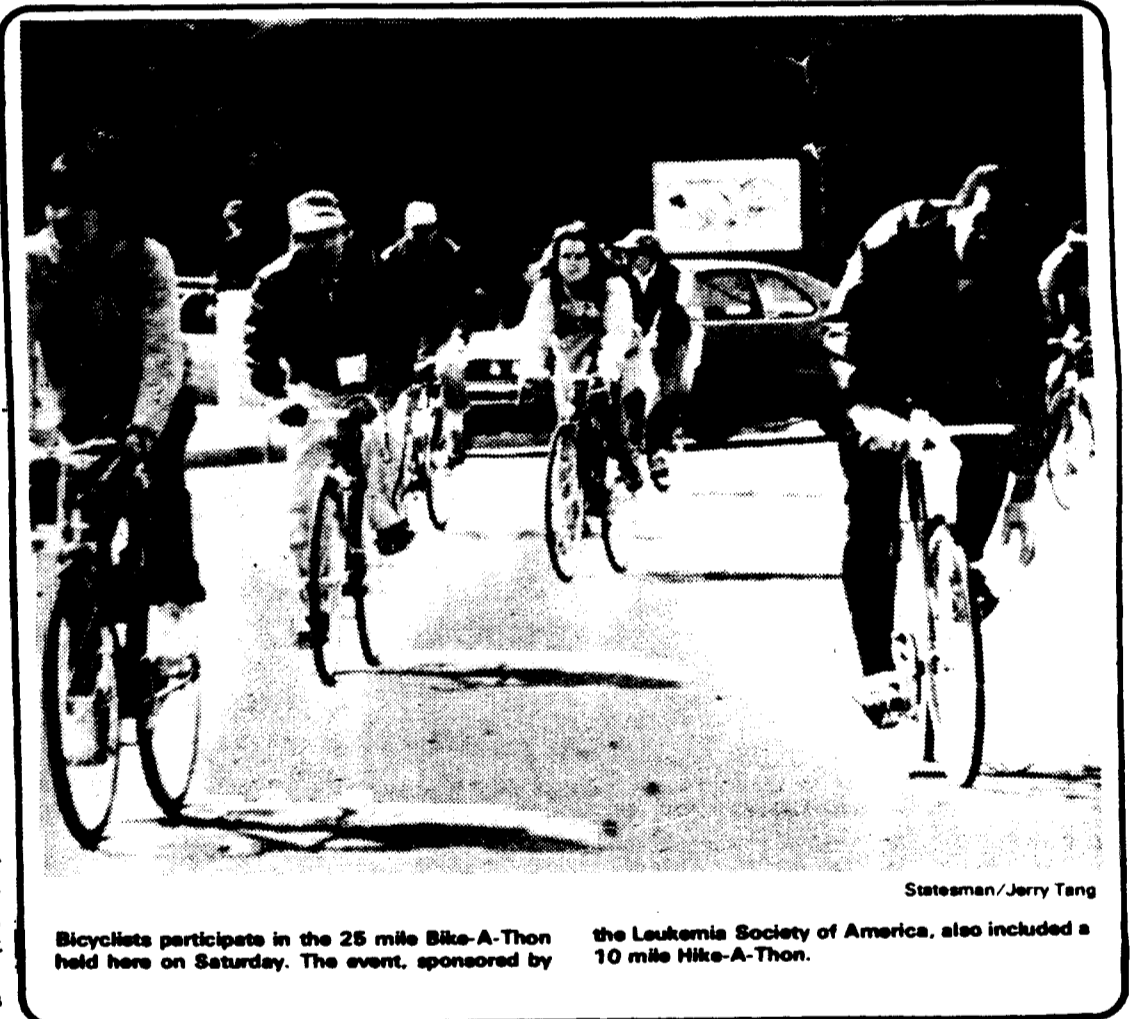
German Student Envoy to Speak On Disarmament

Robert Kredig, a student leader from West Germany, will speak on "Do Europeans Want the Euromissiles?" at a forum tomorrow at 8 PM in Room 214 of the Stony Brook Union.

Kredig is taking part in a national "peace tour" of American campuses. He is a graduate student at the University of Marburg in West Germany and a national leader of the Young Socialists of that country. In October of 1981 he

helped organize a rally for disarmament in Bonn which drew 270,000 members.

Kredig has also been involved in organizing German support for liberation movements in El Salvador, Nicaragua, and South Africa. He is a vice president of the International Union of Socialist Youth, the student affiliate of the Socialist International. The forum is sponsored by Democratic Socialist Forum and the NYPIRG Disarmament Project.



Statesman/Jerry Tang

Bicyclists participate in the 25 mile Bike-A-Thon held here on Saturday. The event, sponsored by

the Leukemia Society of America, also included a 10 mile Hike-A-Thon.



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club news

Soccer Players

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 Date: Thurs., April 21, Place: Gymnasium, Time: 4:15 pm. Call Coach McDonald for details 6-8667 or 6-6790.

Science Fiction Forum

Presents: Dark Star, Date: Wed., April 20, 1983, Time: 7, 9, 11 pm. Place: Union Auditorium
 Price: 25¢ at the door.

CASB

Roller skating party at Great Skates
 Date: Thursday, April 21
 Time: 11:00 pm—2:00 am, Price: advance—\$1.50/per student, at door—\$2.50/per person, call Allen 6-4187 or Cindy 6-4367 for more information.

Red Balloon

A Talk by Dr. Brett Silverstein
 Date: Monday, April 18
 Time: 7:30 pm, Place: Union 216.

Haitian Student Organization

Haitian Weekend Events will be held next weekend.

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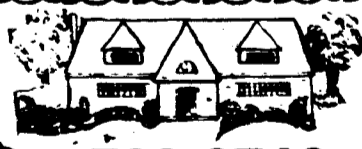
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Motor Action Revealed

By Scott Michaels

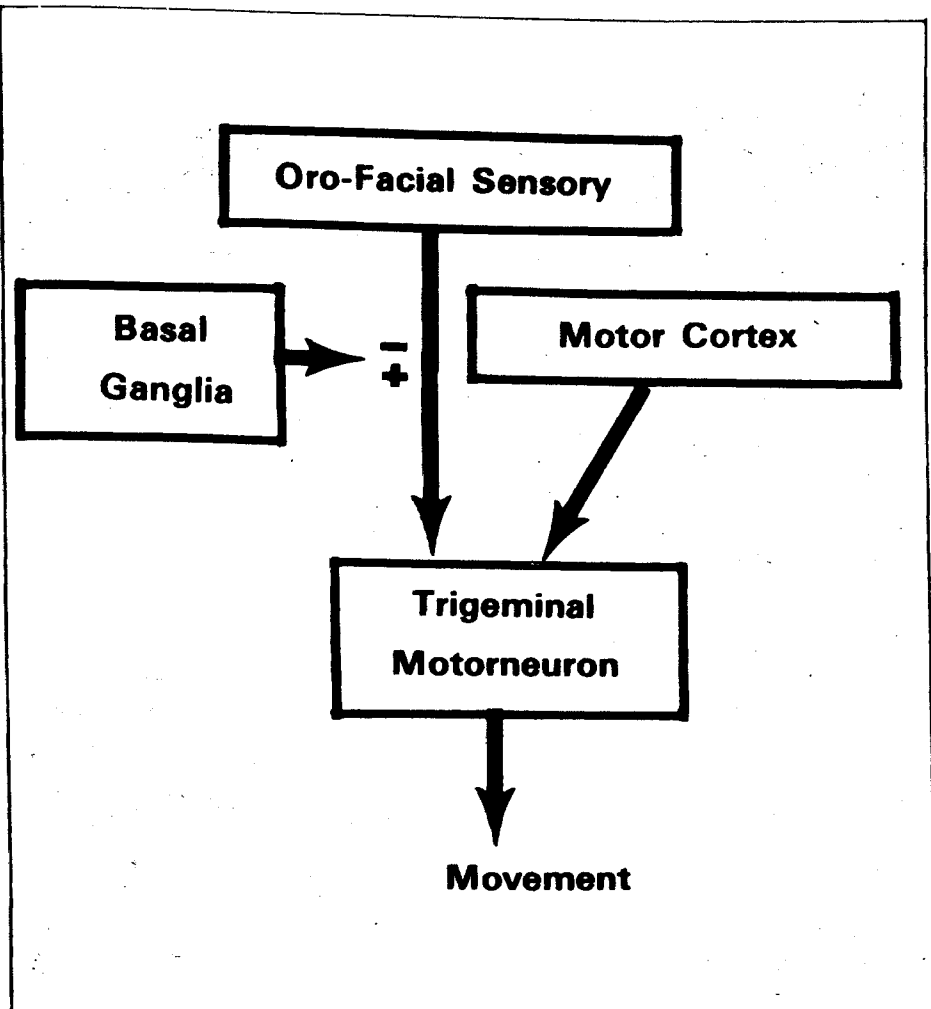
The basal ganglia (BG) is a section of the brain that is intensely studied by present day researchers. Because motor-deficit causing diseases, such as Parkinson's, Huntington's Chorea and Wilson's, show basal ganglia damage, it was thought that the BG's only function was for the generation of movement. Although direct stimulation of the BG produces no movement, many researchers still hold to the theory that the BG's only function is in controlling movement.

Dr. Ted Lidsky, a neuropsychologist, and his colleagues in the Psychology Department, have gained new insight into the basal ganglia functioning. Lidsky said the basal ganglia acts as an analyzer and modulator of motor systems via sensory feedback. In comparison to today's compu-

ters, the BG would serve as a compiler and system analyzer. How does the BG accomplish its task as motor systems analyzer in the brain?

The BG analyzes incoming sensory information, which is relevant to an animal's behavior. Via its connection with other parts of the brain, such as the thalamus and cortex (a more complex brain center), it serves to influence consequent behavior which is important in an animal's survival.

By gaining a better understanding of the BG's functions, investigators can apply these findings to people suffering from motor disorders. Lidsky and his colleagues here at Stony Brook have greatly enhanced the scientific community's appreciation for this discipline.



Schematic diagram for the basal ganglia's role in movement proposed by Lidsky.

MARINE SCIENCE

Ecologist Builds Reefs of Sludge

By Susan Daubman

There are no natural reef formations on the sea floor off Long Island, but a scientist from Stony Brook's Marine Science Research Center is developing a method of constructing artificial reefs. They won't be made of coral, but coal waste and sewage sludge, and the success of the project could lead to alternative methods of disposal of these wastes.

Dr. Frank Roethel has already constructed a reef made from scrubber sludge and fly ash, the principle wastes generated at coal-fired power plants. The project began in 1976 when Roethel devised a means of combining these two wastes with lime and other additives and casting the mixture into environmentally safe blocks that will remain stable when submerged in sea water. His goal was to use these blocks to build an artificial reef structure on the ocean floor.

After some initial experiments, 15,000 blocks were produced from Roethel's formula, each 8" x 8" x 16". In September of 1980, the blocks were loaded onto a barge, carried off to a site about four miles southeast of the Fire Island Inlet, and dropped into the sea. Now, more than 2 1/2 years later, the approximately 100 foot long, 500 ton structure remains intact, and algae, sponges and other marine organisms have moved in.

"I was convinced," said Roethel, "that if we could do it with coal waste, we could do it with a combination of coal waste and sewage sludge."

After receiving more than \$100,000 in funding from Nassau County and the National Oceanic and Atmospheric Administration, Roethel began working on his new project. The Cedar Creek Water Treatment Plant in Wantagh supplied the de-watered sewage sludge and the coal waste was provided by a coal-fired power plant in Indianapolis.

"We are close to a mix for the sewage sludge block that is more than adequate for disposal in the marine environment," said Roethel.

The formula he is testing contains 20 percent sewage sludge; the rest is fly ash, lime and other additives. Fly ash is the

crucial ingredient that allows Roethel's pasty mixture to be transformed into stable block form. Fly ash is what is known as a pozzolanic material, which is a noncombustible component that contains primarily aluminum and silicon. Lime is added to provide additional calcium. At 49°C, and under conditions of high humidity, calcium aluminum silicates, or crystals, form and the mixture goes from a liquid to a solid state, a process known as curing.

Before it can be used as a substrate for reef formation, Roethel's formula must first undergo an extensive series of biological and chemical tests. One of these is designed to determine the leaching characteristics of the blocks, which is the degree at which trace metals spread from the block into the marine environment. After the tests are completed, he said, plans will be made for the construction of the first sewage sludge-coal waste reef.

Long Island's sewage sludge is currently being dumped into the ocean or placed in landfills, and these are also the methods that are employed for the disposal of coal wastes. There is no coal waste being generated on Long Island at the present time but, according to Roethel, LILOCO has plans to convert its Port Jefferson plant to coal power before the end of the decade, and Con Edison has requested permission to build three coal-fired power plants in New York City. The artificial reef systems could provide an environmentally safe, alternative means of disposing of the coal wastes and sewage sludge.

The reef system offers other advantages as well. The "nooks and crannies" of the reef provide an excellent habitat for fish and lobster, and for the marine organisms that they feed on, according to Roethel, and they can only benefit Long Island's commercial and recreational fishermen.

Roethel is a professor of Oceanography at Nassau Community College in Garden City. Nassau County relieved him of half of his teaching assignments so that he could pursue his research at the Marine Science Research Center where he received his doctorate in oceanography in 1981.



Roethel's first artificial reef is located four miles from the Fire Island inlet.

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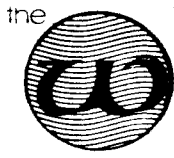
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Prof Saves Endangered Primates

By Susan Daubman

The rare miqui once lived in the high rain forests along the coast of southeastern Brazil. Today, as civilization cuts away its jungle home, the largest known group of miquis, or woolly spider monkeys, survives within a four-square mile tract of land.

A scientist from Stony Brook spends much of his time in Brazil trying to protect the miqui and keep the human primates at bay. He is Russel A. Mittermeier, an adjunct professor in the Department of Anatomical Sciences and the director of the primate program of the United States division of the World Wildlife Fund. This organization, which provides financial support to conservation programs throughout the world, is closely associated with the International Union for the Conservation of Nature and Natural Resources, (IUCN), a Switzerland based group that includes members from 110 nations. Mittermeier is the chairman of the Primate Specialist Group of the IUCN's species survival commission.

The miqui is only one species of endangered monkeys that Mittermeier is trying to save. Many of the world's primates are in serious trouble. According to Mittermeier, of the roughly 190 primate species that exist, 35 percent are endangered, and 14 percent are approaching extinction. These animals are being hunted for meat, skin, and sport, and some species are being killed off because they are agricultural pests. But by far the major danger to the animals is the destruction of the world's tropical rain forests, which, Mittermeier said, are inhabited by over 90 percent of all primate species.

Many tropical forests are located within the borders of developing countries or close to major cities. As economies and populations grow, the forests are stripped of their valuable timber and mineral resources, and cleared to make space for agriculture and industry. Mittermeier esti-

mates that the area of tropical forest destruction worldwide is approximately equal to the size of New York State.

The center of Mittermeier's efforts is the Atlantic forest region of southeastern Brazil. The miqui and the golden lion tamarin are among the 20 species and subspecies of monkeys that live in these forests, according to Mittermeier, and most of them are found only in Brazil. Also within this region is Sao Paulo and Rio de Janeiro, two of the largest cities in South America. Within the last two decades of economic development, man has crept into the range of the monkeys. Now, industry and plantations of sugar cane and coffee exist where there once was forest. Vast stretches of cleared land have been used to grow eucalyptus, which can be processed into charcoal, but the trees have no value to nonhuman species of Brazil and these areas have become what Mittermeier calls an "ecological desert."

"Only three to five percent of the original forest cover remains," said Mittermeier. "This area is one of the top two primate conservation priorities in the world."

For about two to eight months each year, Mittermeier works in the forests with colleagues from the Rio de Janeiro Primate Center, the Federal University of Minas Gerais, and the Brazilian Conservation Foundation. He conducts field surveys of the various primate species, determines if the existing land is suitable for survival, and makes recommendations to local and governmental conservation groups regarding the action needed to protect the primates.

Tucked away in a private forest in the state of Minas Gerais is what Mittermeier believes to be the largest remaining population of miquis, a group of about 40 animals. The survey teams discovered the miquis in a four-square-mile forest which is part of a ranch called the Fazenda Montes Claros. The miqui is the



The miqui is the largest South American monkey and also the most endangered.

largest South American monkey and the one that Mittermeier considers to be the most endangered. It is also the largest mammal to be found only in Brazil. Fortunately, the owner of Fazenda Montes Claros is a conservationist and has become involved in a plan to protect the remaining miquis. Feliciano Miguel Abdala has donated some of his land and has allowed the World Wildlife Fund-U.S. to purchase an additional part of the forest which will be set aside as a reserve and used as a site for a field station that is presently being constructed. The field station will be used for research and for the training of Brazilian wildlife students. According to William Konstant, Mittermeier's assistant at Stony Brook, the World Wildlife Fund-U.S. has approved \$50,000 for this project which will be commemorated when he and Mittermeier visit Montes Claros in May.

The golden lion tamarin is another highly endangered monkey that occurs only in Brazil, and Mittermeier estimates that only 200 animals exist in the wild. The Poco d'Anta Biological Reserve in Rio de Janeiro is the only protected home of this species, and only about a third of the forests provide it with a suitable habitat. Because of the dismal situation that faced the animals, captive breeding colonies were started in the Rio de Janeiro Primate Center and at several zoos in Europe and the United States, including the National Zoological Park in Washington, D.C.

"The breeding colonies have been very successful," Mittermeier said. "About 350-plus golden lion tamarins now exist in captivity."

Captive colonies were only the first step in the plan to save the species. The World Wildlife Fund-U.S. has approved \$27,000 for the restoration of the Poco d'Anta and for the eventual return of the animals to their wild home.

The plight of the lion tamarins and miquis and the ravaging of their habitats has been depicted in a film called, "Cry of the Miqui," which was produced by Mittermeier and his colleagues from Harvard University. The film, which will be translated into Portuguese and subsequently shown on Brazilian television, is

part of an effort to make the people of Brazil aware of the value of their own flora and fauna and of the need to protect them. Mittermeier considers the education of the public and the development of "local Brazilian potential" to be a vital part of his conservation work.

When he's not in the field or off giving lectures, Mittermeier, who received his doctorate in Biological Anthropology from Harvard, does research in primate functional morphology. He is also the editor and creator of the newsletter for the IUCN's Primate Specialist Group. Other members of the IUCN from Stony Brook are Dr. Randall Susman and graduate student Noel Badrian, who are currently involved in a project studying pygmy chimps in Zaire. Susman and Badrian also contribute to the newsletter, which is produced by the Department of Anatomical Sciences.

Mittermeier believes that the fate of the Atlantic forest primates will be decided in the next few years. Some species, like the miqui and golden lion tamarin, could easily slip into extinction if whole scale efforts aren't made to save them. Mittermeier admits that the situation in southeastern Brazil is bleak, but if he has his way, at least representative ecosystems will be preserved. If not, the rare monkeys of the Atlantic forests will vanish forever.



Mittermeier and friend.

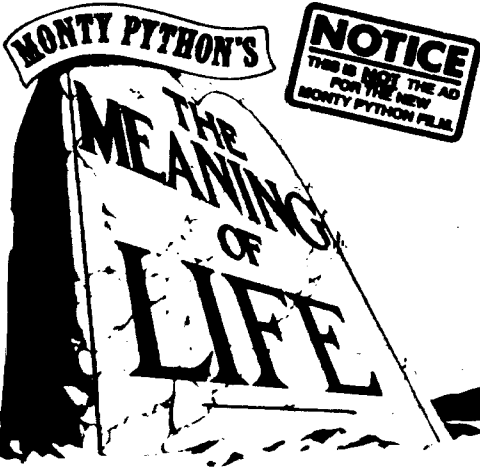
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Disease May Be Linked to Aspirin

The favorite outdoor sports of skiing, sledding and skating have been around for a long time and thousands of young New Yorkers look forward to these winter sports at this time of year. But winter also means Reye's Syndrome, a newly recognized childhood disease.

Among the leaders in Reye's Syndrome research and public awareness activities is Dr. John C. Partin, head of the Department of Pediatrics at Stony Brook's School of Medicine as well as the University Hospital in the Health Sciences Center.

As January arrived this year, he and his research assistant wife, Jacqueline Partin, were preparing for the anticipated increase in young patients suffering from the rare complications of common childhood virus infections—for example, influenza and chicken pox—that were first identified as a separate disease in 1963 by Australian pathologist R. Douglas Reye. (The name rhymes with buy.)

Already, the Reye's Syndrome Research Center at the Health Sciences Center's Children's Service had mailed nearly a thousand letters and packets of brochures to practicing physicians and other health practitioners, including public health and school nurses.

Informational sessions are being conducted with hospital staffs and other health and parent groups on Long Island, Partin said.

The foundation for this program was laid a year ago when Partin conducted an awareness symposium at the Health Sciences Center. The watchwork remains "Early diagnosis. A child's life can depend on it."

Research continues in the Partin laboratory as well. "There is evidence that most (Reye's Syndrome) patients have viral proliferation," Partin said. "With new equipment expected in the next year, we propose to capture these viruses to investigate their molecular structure, and to compare them with other virus outbreaks."

What exactly is Reye's Syndrome?

Partin explains: "Reye's Syndrome begins three to seven days after the first symptoms of influenza or chicken pox. The vomiting may be persistent and severe. It is frequently associated with drowsiness, lack of interest in ordinary things such as television, outright delirium with screaming or sometimes, coma with strange posturing of the body.

"We can expect to see about 35 cases of Reye's Syndrome in Suffolk County each year. Reye's Syndrome is a life-threatening illness because it can produce serious liver and brain damage. Early treatment may prevent brain damage and therefore early diagnosis is very important."

Suffolk County has had several deaths attributed to the disease in the past year. 12-year-old Christopher Schmidt died at University Hospital late last spring. In his memory, the Suffolk County Police Department's Fourth Precinct, of which Chris' father, Harold, is a member, conducted a benefit softball tournament last August. The \$10,000 donated to University Hospital.

Partin reported, will help equip The Children's Service research laboratory.

Planned for the lab is a quarter-million-dollar electron microscope that will be used in genetic structure research, not only for Reye's Syndrome but also for other childhood diseases and conditions. The money from the Christopher Schmidt memorial, for example, will help provide the sophisticated photographic equipment that will be used with the electron microscope. "It is very important," Partin said, "to have a photographic record of such significant research."

One of the major areas of research in Reye's Syndrome has to do with common aspirin. The federal government's Center for Disease Control in Atlanta last summer warned the public of the possible association of aspirin to the disease. A Federal Drug Administration workshop that Dr. Partin served as a consultant recommended to the U.S. Surgeon General a mandatory label warning on aspirin containers. "The FDA backed off a little from this," Partin said, "although it did issue a warning to physicians."

Partin is cautious himself in relating aspirin and Reye's Syndrome. "The evidence that aspirin is a cause is somewhat circumstantial," he said. "There is some evidence that aspirin may be an additive or injuring agent. We've argued that it is foolish to take a chance. Our data indicates the worst cases have aspirin in the background. If aspirin plays a part, it might be to make an already sick person worse. Nor is there proof that aspirin is beneficial except in reducing fever and the miseries that accompany it."

"If you could take 10,000 children who have been ill and who did not take aspirin, and compare them with 10,000 children who were ill and who took aspirin, you would be able then to determine how many had complaints or even toxicity caused by aspirin. That kind of information is unavailable, even though aspirin has been on the market for 50 years.

"There is some clinical evidence that in influenza cases aspirin might prolong the multiplication of the virus. The data from our (John and Jacqueline Partin's laboratory) research has shown that most patients who have taken aspirin have viral proliferation."

But research is far from any final conclusions, he emphasized. He continues his dedication to public awareness not only as a way to help prevent Reye's Syndrome cases but also to develop more interest in donations that help maintain and improve the research necessary to find important answers. "With equipment like the electron microscope," Partin said, "we can do studies not previously possible in many childhood diseases."

Meantime, Partin, his wife, and their colleagues will continue their crusade throughout the metropolitan area, alerting parents and health professionals to the dangers of one of winter's newest and cruelest companions, Reye's Syndrome.



Stateaman / Mike Chen

Partin, head of the Department of Pediatrics at University Hospital and at Stony Brook School of Medicine, examines a liver section in his lab.

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Study Says Research Funds Will Keep Up With Inflation

Washington, D.C. (CPS)- Federal research support for the nation's colleges and universities will "just about keep pace with inflation" next year, despite the Reagan administration's proposed 18 percent increase in overall research funding, a new study shows.

Most of the 18 percent increase in federal research money "won't even be seen by colleges and universities," but will instead go to private corporations, said Albert Teich, co-author of the American Association for the Advancement of Science's annual study of research and development funding.

Support for college and university research will increase 4.7 percent next year, according to the study, amounting to a \$236 million increase in real dollars. But in constant dollars, funding will rise only one-half of one percent, or by \$10 million.

"A lot of people are talking about the big 18 percent increase the administration has proposed for overall research funding," Teich said. "But colleges and universities won't fare nearly as well as the private sector. Most of that money will go to corporations like the big aerospace firms."

Within the overall \$7 billion increase, moreover, funding for

defense research will increase by nearly 28 percent, while basic research funding will get only a 5.5 percent increase in constant dollars.

Funding for university research through the departments of Agriculture, Commerce, Interior, Education, and the National Aeronautics and Space Administration will actually decrease, the study points out.

And the National Institutes of Health, which channel nearly \$2.3 billion in research money to colleges, will suffer a nearly two percent cut in federal support in congress approves Reagan's funding requests.

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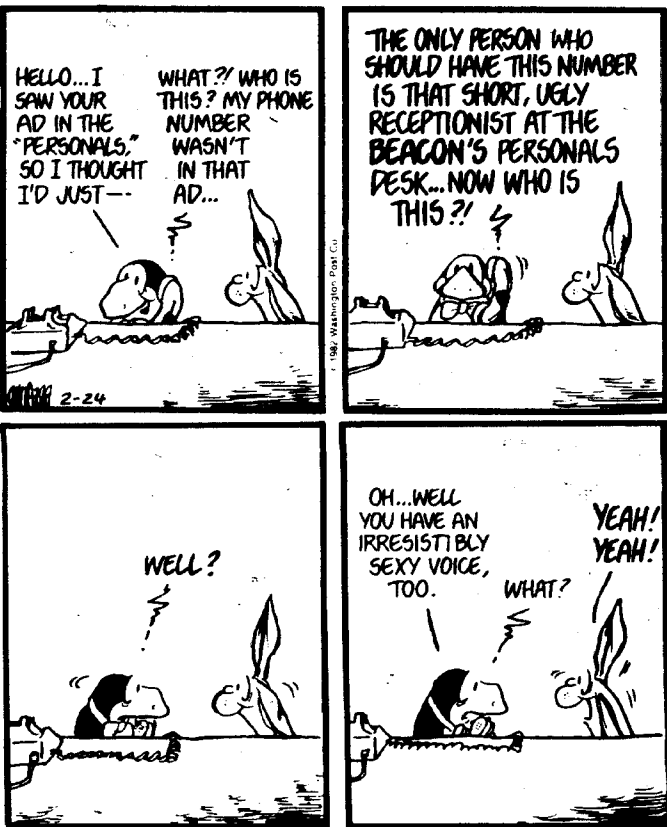
We can appreciate their apprehension. However, the incidence of thefts and rapes on campus exemplifies the need for a controlled security system on campus. While a volunteer dorm patrol is a move towards this, it is not a solution in and of itself.

We also understand the importance of the right to privacy. While it is necessary for the lock to recognize the code number (i.e. student) entering the building, in an effort to insure that the person entering the building is actually a student, it is not necessary for the mechanism to retain this information in its memory.

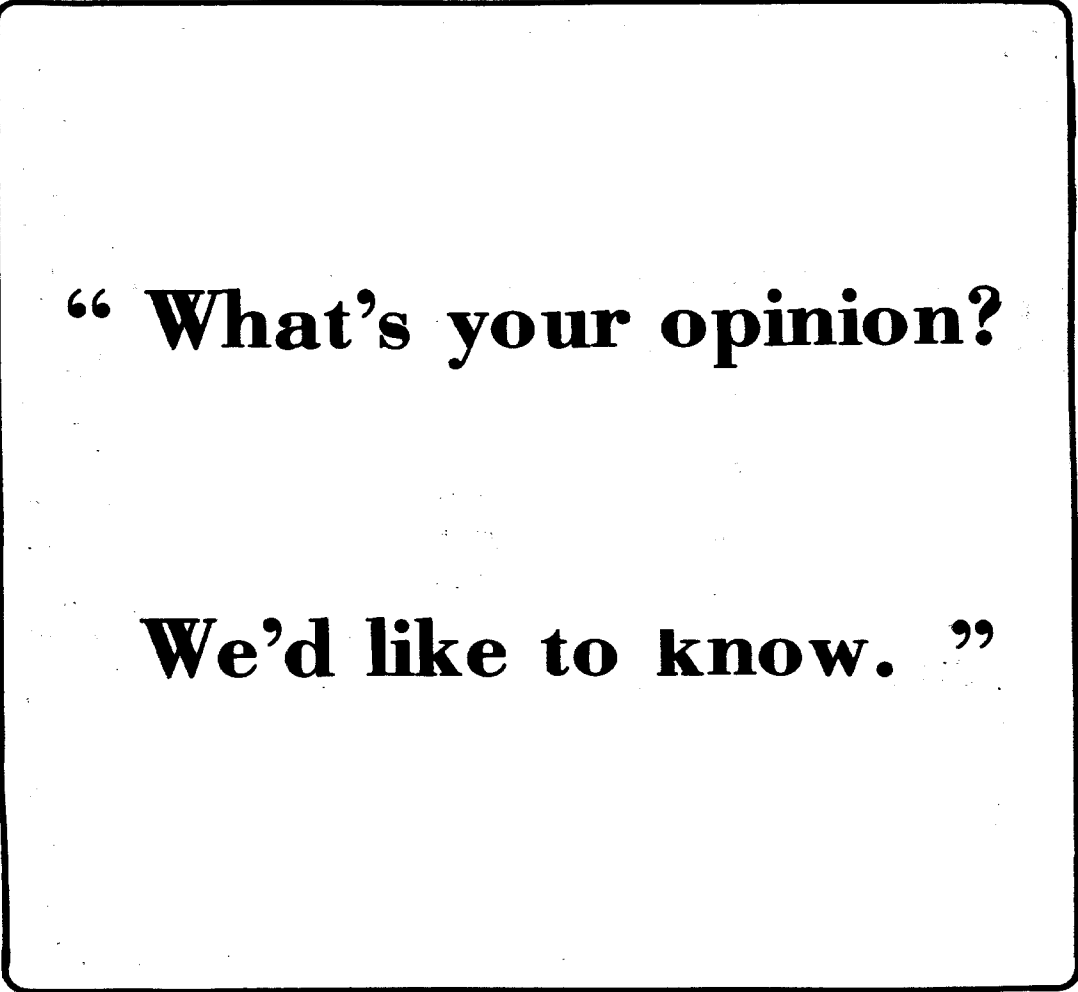
We feel that a viable solution would be for the system to erase all information regarding persons entering and leaving the building. Thus, security is achieved while privacy is maintained.



BLOOM COUNTY



by Berke Breathed



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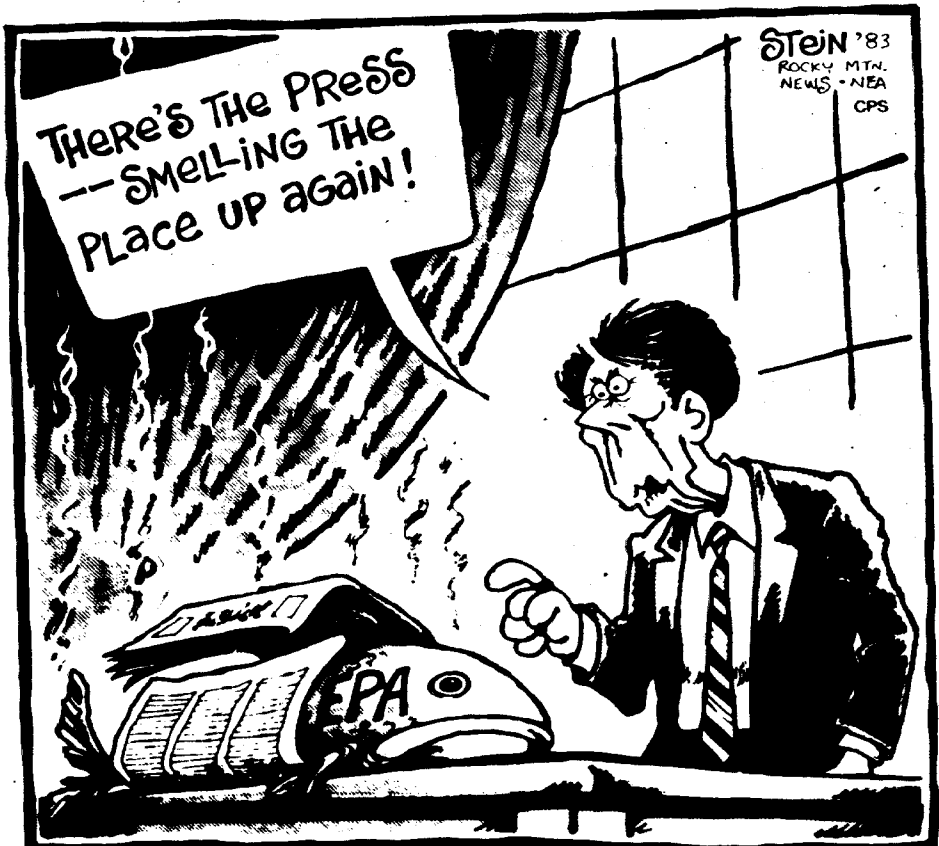
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**Patriot Baseball
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Statesman

SPORTS

Monday

April 18, 1983

Womens Track Gets Run Down

By David Brooks

The Stony Brook womens track team ran up against some fierce competition yesterday at the St. Johns Invitational, but still pulled through with a fine performance.

Team captain Beth O'Hara commented that "it wasn't one of our best efforts...but there were a lot of club teams there which made things tough."

The meet which drew nearly 25 teams, was host to names like the Athletic Attic Track Team, Adams Track Team and The University Of Pittsburg women's team. It provided "lots of competition" according to team member Joy Enoch.

Highlights of the meets performances were a third place finish by O'Hara in the 100 meter hurdles O'Hara crossed the line in 15.9 seconds.

Megan Brown ran a personal best and a Stony Brook record of 11:16.9 in the 3000M run. Other personal bests were Donna Lyons and Lisa Pisano in the 1500M race with times of 5:10.3 and 5:14.0 respectively.

Lilla Sexton's 11.55 meter shot put attempt placed her in third place for the meet while Cheryl Hunter followed her closely with a 11.49 meter effort to put her in fourth place.

In the long jump, O'Hara once again racked up a point for the team with a 4.48 M, fifth place jump.

Sticking close together, Sexton and Hunter once again pulled in points, with fifth and sixth places in the discus with throws of 34.03 and 30.33 M respectively.

In the 5000M Jeanine Carroll took seventh place: fifth place in the javelin went to Hunter for her third event of the day.



SB womens track team, under coach Kim Hovey, strides toward the finish line

O'Hara commented that this years team was teh best in a long time and that she hopes they can do better in

the next meet - the Iona Relays. She also said that since Iona was a large meet that it would be another tough day.



Lacrosse team shuts out Queens College 22-0 in a monsoon rain. Statesman/Gary Higgins

Patriot Lacrosse Mauls Queens College

By Mike Berg

The Patriot lacrosse team destroyed Queens College 22-0 despite driving rains.

Stony Brook's big scorer was John Warrack with five goals and 10 assists totalling 15 points; Allen Olsen also had five goals, but he only accumulated two assists for seven

points, Rich Grebe also had seven points.

The scoring was as constant and steady as the rain with a goal being scored about every two or three minutes. The Patriot record stands now at 5-3. The next Patriot home game is tomorrow at 3:30 PM against Southampton.

Patriot Softball Team Goes Down in Defeat

The Stony Brook softball team got trounced last Friday at Queens College, by the score of 16-4.

Jill Spage had the lone hit for the Pats, her double drove in two runs. On the flip side, the Pats allowed 12 hits with Patty Eulner collecting four of them along with three runs batted in.

Liz Riviera of Queens college got the win, making her record 7-4 and Joan Aird took the loss, evening her record at 1-1. Stony Brook's record for the season is 3-1. Their next softball game is at Lehman College, tomorrow at 4 PM.

-Berg



Patriots in a losing effort against Queens College. Statesman/Lillian Tom