

# The saga of the WPI Goat's Head

by Ken Mandile  
News-Feature Editor

Yes Virginia, there really is a WPI Goat's Head. In fact, it now rests in comfortable security in the confines of Gordon Library Archives. You can ask

Polytechnic Institute of November, 1927. The Article was printed under the headline "History of the '93 Goat" by Arthur C. Comins, a member of the WPI Class of 1893.

In the early spring of 1891, the class of '93 decided it wanted a mascot, and a live one, too; and that a goat would most nearly typify the potential defensive and butinsky temperament of the class. Accordingly a committee of three—history is not clear as to whether it was self appointed or not—hired a grocer's top delivery wagon, automobiles not existing, and took a half-day trip to Dungarvan Hill east of Union Station, where after a little shopping, a black goat was purchased, kidnapped it might be said in this case, and transported with considerable impromptu embarrassment

to a farmhouse on Park Avenue, near what is now the gates of Alumni Field.

The class chose Gompel Kuwada, it Jap, as official mascot-keeper, because he had already injected into class life a few original ideas as to mascots, and had shown quite some latent engineering ability in the loading, transportation and placating of a usually rampant goat. Moreover, he possessed the only initials in the class that would fit the words Goat-Keeper.

Shortly after, led by his new confidential advisor, the goat, never named, made his debut at a ball game on Bliss Field, now the tennis courts; and thereafter, when covertly jabbed by a '94 man, informally pushed this class on to victory at every out-door event until summer. He and Kuwada

may be seen as the centre of that year's class picture taken near the small electrical laboratory.

Now the "ooman" who kept the goat charged more than the class could afford for the summer, so at a class meeting, Kuwada suggested a change of diet. He thought anyone would be honored by the opportunity to keep friend goat, a strong friend indeed—and that some one could be found who would either charge less or perhaps be persuaded to keep the goat for nothing. He concluded his argument and electrified a meeting in a lecture room of Salisbury Labs with the words, now as famous as those of Patrick Henry, "Perhaps eet could be done for nothing, or if not for nothing,

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## Yesteryear

to see it if you want, but it is actually quite a grotesque looking figure. Sure it has a normal size goat head, but the body is only one foot long. No, its not the original goat's head. To find out what happened to that head and the poor goat that the head belonged to you will have to read the following article from the Journal of the Worcester

# WPI Newspeak

The student newspaper of Worcester Polytechnic Institute

Volume 6 Number 19

Tuesday, September 26, 1978

Guardsmen  
dunk  
engineers

-see page 12-

Making life easier:

## Course change schedule extended

By John Power  
Newspeak Staff

While grim memories of the long lines in front of Harrington Auditorium for course changes on September 4 and 5 still haunt some students and faculty, they hold a special terror for Dean of Academic Advising John Van Alstyne. Dean Van Alstyne, in a recent interview, recalled days when he faced 2400 students who wanted to change their schedules and had to take courses they didn't want or be put on a waiting list, and it really hurt Dean Van A to see so many frustrated and angry students in one day.

To remedy the situation of "the great course change rush", Dean Van Alstyne has implemented a new procedure, instituted yesterday. Each student received an orange sheet of paper in their mailbox indicating the course change schedules. We thought it would help to clarify the procedure and explain why this new procedure is being used now.

On September 26 and 27, Seniors wishing to make course changes in any term may go the Scheduling Office from 8:30 a.m. to 4:30 p.m. Juniors may make changes for any term on the 27th and 28th, Sophomores on the 29th

and October 2, and Freshmen may make changes from term B 78 ONLY on October 3rd and 4th. This course change period allows students to make changes after having gotten a feel for their A term courses, and have a better idea of whether or not they want to change. There is no longer the spontaneous rush of trying to make up your mind in time to make the change. The course changes occur four weeks before term B even begins, allowing enough time to really think about changes before rushing into a decision.

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## A "new" Project Center

During the past summer, the Project Center has been extensively remodeled to provide a wide range of academic functions and support facilities in one convenient location. Listed below are some of the things you will now find in the Project Center:

### Writing Resources Center

The Writing Resource Center, on the lower level of the Project Center, will be open every afternoon in A term from 12 noon to 4:00 p.m. starting Monday, September 18th. Students with any questions or problems about academic writing--project proposals, project reports, essays, book reviews, term papers, job descriptions, and so on--can arrange for free tutorial help at the Center simply by making an appointment any afternoon. Tutors in the Center specialize in helping students rewrite papers which faculty have returned as poorly written. Handouts on basic writing and on organizing project proposals and reports are also available.

### Student Project Telephone

Students can make project-related phone calls by showing their ID card and completing the information requested on a special log form which can be obtained from the project telephone attendant. The project phone is available from 12:00 noon to 4:00 p.m., Monday through Friday, and

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## Mass. PIRG plans strategy

by Don Calawa  
Newspeak Staff

The Massachusetts Public Interest Research Group, Inc. (Mass PIRG, for short) is back on campus with a few changes. First is location: they are no longer crammed into a cubbyhole on the third floor of Washburn. Now they're crammed into a cubbyhole on the second floor of the Project Center. The old coordinator of PIRG on campus, Charlie Harak,

is gone. Charlie is now a lawyer for PIRG hearings that will assist the Mass. Attorney General's office determine whether or not to grant Boston Edison Company the right to build nuclear power plants the supply more power to Metropolitan Boston. The new kid in town is Steve Lissandrillo, who refers to

himself as a "professional organizer".

For those who are new this year, Mass PIRG is a student activist organization dedicated to teach students how to be politically effective in promoting the public interest. Funded by a two dollar negative check-off in the student social activities fee (with a negative check-off, if you don't check it off, you do pay the fee), it is run by an elected board of students who decide what issues get pressed for political action this year. The fifteen campus

offices in Massachusetts are headed by people hired by PIRG to organize activities. In the Worcester area the three campuses affiliated with PIRG (WPI, Worc. State, Clark Univ.) are represented by Steve Lissandrillo.

Steve, at 6 feet plus and approx. 175 lbs. bears a marked resemblance to a certain instructor of CS 1011. He graduated in 1974 from Hadford College in Philadelphia, PA as a history major. Where does one get a job as a history major? The U.S.

Government hired him as a historian for the Parks Service, flying across the country to flesh out in greater detail the importance of different historical sights. Finding the job personally unfulfilling, Steve worked for a while processing government claims for coal miner's black lung

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Steve Lisandrillo at PIRG meeting

-Mike Landeman

# Editorial

## The need for basic skills

A recent Associated Press feature story reported that Harvard University students, beginning in the fall of 1979, will be required to prove that they can read and write at the accepted college level.

Many schools across the country have started to realize that there is a genuine need to re-examine their students' most basic skills. "It seems to me to be legitimate to ask of an educated person the ability to read and write our language properly." Harvard Dean Henry Rosovsky told the AP reporter.

At WPI, we have also heard a call to return to the basics. In our opinion, there is a genuine deficiency among students here in communications skills. We have seen this first-hand, in the form of some of the articles that come into our office. Even among professional engineers and other technical people, writing is all too often a four-letter word. If there is a problem, what can we do about it?

First and foremost, students should be encouraged in every way possible to interact with others in various fields. This interaction could take the form of attending conferences of other professionals, presenting a paper or speaking at campus meetings, or reading about current events in industry.

Secondly, students must be encouraged to write. To aid those who have some problems in this vital area, perhaps some thought should be given to establishing a more generalized writing course than now exists which could be used as part of the Sufficiency program. There is a course, EN 2000, "Basic Writing", which is in the course catalog, but its description states, "It may not be used as part of the humanities sufficiency without the permission of the faculty member conducting the final sufficiency IS/P. HU 1011, at least in the course catalog, doesn't quite fit the bill. What we propose is a course that would be open to all students, and would count towards completion of the sufficiency. This course should stress forms of writing common to science, engineering, and business. Resumes, reports, semitechnical papers, and other forms of writing would be required of each student.

We feel that this proposal is responsible and needed solution; skills learned in such a course would be invaluable after graduation.



FIRST IT WAS CHARLIE'S ANGELS, THEN THREE'S COMPANY, THEN AMERICAN GIRLS, THEN FLYING HIGH, THEN...



# Newspeak

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# Letter

## Off to a good start

To the Editor:

The final score was 27-10, but that does not tell the story.

The story was told by a Norwich football fan- late in the game- as he pleaded for a WPI fumble. Sweet words those, as WPI threw a real scare into the almighty Norwich football power.

Who would have believed it? Three yards away from making it a one touchdown ballgame. Lucky for Norwich, we didn't score, but we came off

the field with our heads up-knowing we could have won.

To my mind, the season is already successful, even if we don't win a single game- but, to be sure, by what we saw Saturday, that's not going to happen.

Bob Anderson

(Mr. Anderson's letter refers to the first WPI football team game, played on Sept. 16.

# The IFC met...

The first IFC meeting of the 1978-79 school year was held in the Archives Room. President Pete called the meeting to order at 6:40 p.m. Rush Chairman Steve Parent discussed his evaluation of rush. Bids and Black rushing was mentioned in the discussion. Al Masse suggested Pledge Weekend should be held before the A term vacation. Steve mentioned the freshmen need that time to think their decision out. Pete discussed the concern of the Student Affairs office over the beer throwing incident at the IFC mixer. There is a possibility it will be terminated because of the incident. An investigative committee was formed to find the facts. It consists of Andy LaBrecque, Steve Parent, and Andy Falss. Treasure Andy LaBrecque issued the financial statement for Sept. 78. The IFC is officially \$852.85 in the hole. Dues, however, will be collected shortly. This year the dues will be \$2.50 per member. Mr Schaffer of the Worcester Chamber of Commerce addressed the IFC asking its help in running its Las Vegas Night. It will be held at the Mechanics Hall, Main Street, Friday October 13. The IFC decided to help Mr. Schaffer. Each house will provide 4-5 brothers for 2 hour shifts. Dean Sherer said keep the Becker raids safe and respect property. President Pete asked the houses if

they have a dinner program on Parent's Day. Several houses did and several others showed interest for this year. 2 Brothers from each house will march in the procession for the Inauguration of Dr. Cranch. Banners from each of the houses will be hung. Make sure they are in good shape. Al Masse discussed the Meals Tax and asked all the houses to join together to fight this outrageous dictatorship taxation. Dean Reutlinger suggested contacting other private colleges and organizing on the state level. Only private colleges are taxed. Homecoming and the conflicts with the respective houses were then discussed. It seems the activities are geared for the students and the graduates have nothing to do in the evening. The IFC officers will draft have nothing to do in the evening. The IFC officers will draft a petition for a change in the Homecoming schedule. Attendance: ATO Tom Rockwood; ACR Tim Barnford; LCA Wayne Peters; PGD Doug LaBrecque, Andy Falss; PKT Phil Cameron; PSK Dan Hurst; PSS Cindy Conners; SAE Al Masse; SPE Dave Erickson; SP Chris Mather; TKE Jim Manchester, Steve Parent; Thets Chi Dave Wardell, Pete LaBelle; ZP Pete McClain, Andy LaBrecque; Respectfully Submitted, Andrew F. Falss IFC Secretary

## ...as did the Student Government...

The Executive Council meeting of Sept. 20, 1978 was called to order at 4:30 p.m. in the Student Affairs office by President Jeff Boike. The attendance was taken and the unexcused absences were: John Janas-Class of '79 Rep., Mary-Ellen Doherty- Committee Rep. The minutes of the previous meeting were read and approved.

- Committee Reports**
- Sab** The 1978-1979 Sab Budget was reviewed and discussed. A motion was made and seconded for the Budget to be approved. The motion was passed by a 2/3 majority vote.
  - Academic Committee** The method of appointing and nominating of the Academic Committee members was discussed. Criteria for nomination will be available in this week's Newspeak.
  - Committee of Concerned Students** Research of the overcrowding situation was done this summer. a full report will be given at a later Student Government meeting.

- IFC** At the past IFC meeting the following subjects were discussed: more participation in Parent's Day, participation in the football rally and the inauguration of President Cranch, and the conflict between the emphasis on undergraduates rather than Alumni on Homecoming Weekend.
- Social Committee** Upcoming concerts were announced. A new van for the use of the Social Committee and SAB was purchased. Damage and clean-up after Social Committee functions is becoming more of a problem. Nomination for Internal Residence Hall Committee and Food Service Committee will be made available to the RA's within the next two weeks. A motion was made by Cathy Reed

that an amendment to the Constitution for dissolving the Dormitory Hearing Board be made. The motion was discussed and then approved by a 2/3 majority vote. The Amendment will be voted on the Student Body at the same time as Freshmen Elections.

**Paddle Rush** between the Freshmen and Sophomore classes at the first home football game is sponsored by Skull. Skull asked for financial help from the Student Government for this event. Discussion was held and a motion was made and seconded to give \$19.00 to Skull for the Paddle Rush. The motion was passed by a 2/3 majority vote.

The exact date for Freshman elections will be discussed at the next meeting.

A new constitution was worked on this summer. The Constitution as of yet is not in final form. Each member of the Student Government in due time will receive at first the section of the Constitution that deals with their requirements in order to alleviate any abiguities that may still be present in the new Constitution. Once this is completed, the new Constitution will be available for reading and judgement by the Student Body. However, the new Constitution will not be able to go into effect until the new Student Government is elected for obvious reasons.

The Class Representatives should encourage their class to participate as much as possible in the Inauguration of President Cranch on Oct. 20, 1978.

Also, every one was encouraged to attend the football rally on Sept. 22, 1978.

A motion was made and seconded to adjourn the meeting.

The motion was passed and the meeting was adjourned at 5:30 p.m. Respectfully submitted Hannah J. Halliday Secretary

## ...as will the DHB, IRHC

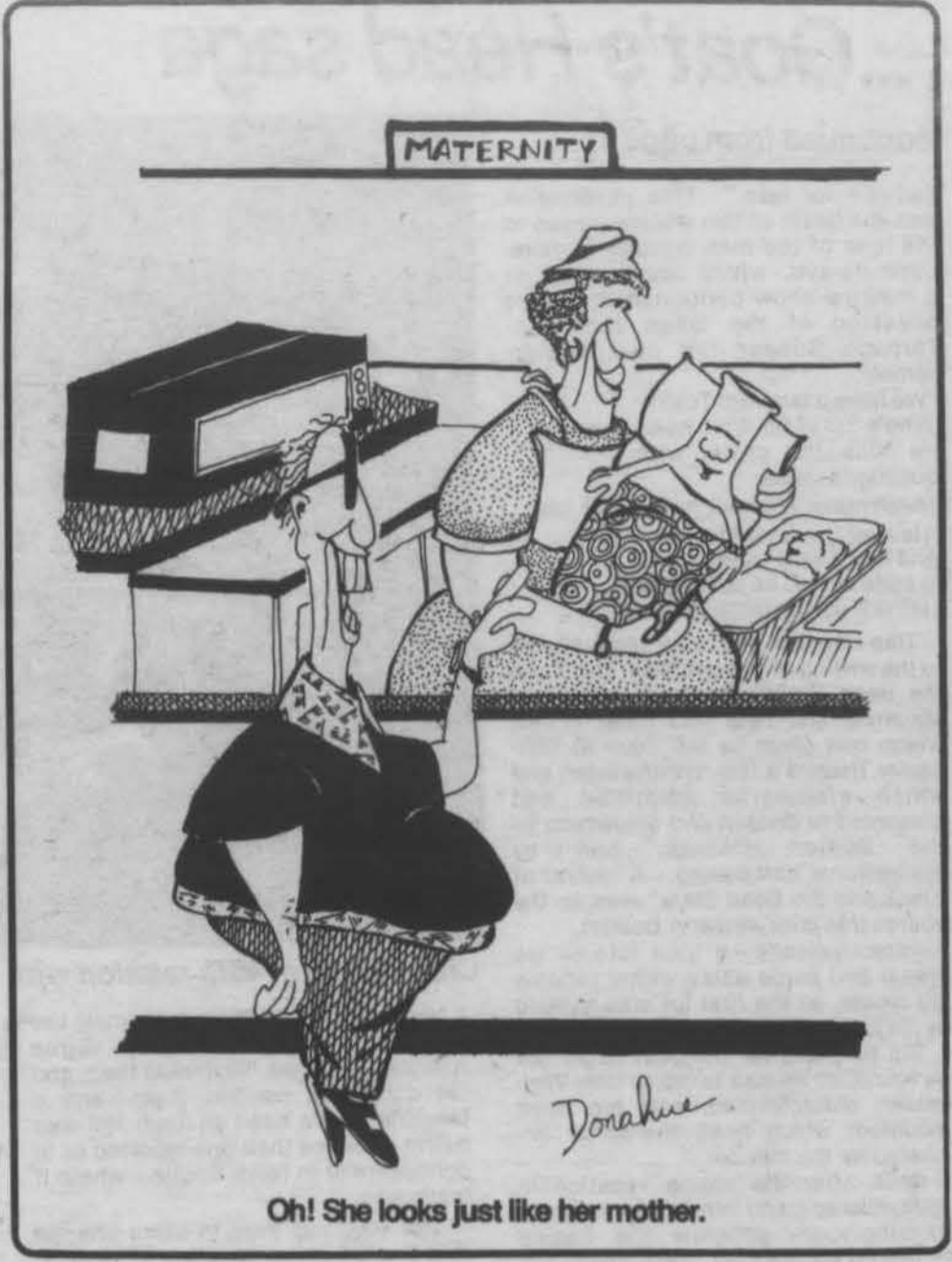
**T. W. Cotton**  
Chairman, IRHC

This year's Dining Hall Committee and Internal Residence Hall Committee are being formed. Nomination petitions for the IRHC are available from Resident Advisors as of September 26. Please note that these forms must be completed and returned (not mailed) to Thomas W. Cotton in Ellsworth #1 by 4:00 p.m. Friday,

October 6, as stated on the petition. The final election will be held on Tuesday, October 10.

The IRHC serves as the official forum for residential complexes concerning residence policies. The DHC serves as an advisory committee for the campus food service. Additional information can be found in the Student Body Constitution.

Any questions may be referred to Thomas W. Cotton, chairman, via Box



## Yes, but when?

CPS)—First estimates of fall enrollment in American colleges and universities see an increase of 2.8 percent over last fall's level. The National Center for Educational Statistics (NCES) expects a total of 11.6 million on campus, 320,000 more than 1977's 11.28 million. If the estimates prove true — the Center won't have final figures until the spring — this will be the second consecutive autumn increase. Many schools, though, are still trying to recover from the fall of 1976, when enrollment in public colleges and universities dropped a precipitous nine percent. And many administrators are still preparing for drops in the future. Demographers say the nation simply

won't be producing enough 18-year-olds in the 1980's to allow schools to maintain their course diversity and physical plant. Some analysts also think that fewer 18-year-olds will enroll in college in the future because of a predicted slackening of demand for educated workers. Specifically, by 1980 there should be some 4.2 million 18-year-olds who might go to college. By 1990, that number will fall to 3.4 million. Even fewer 18-year-olds will be available to populate the campuses in the early 1990's. For the moment, though, the NCES sees enrollment at public colleges and universities hitting 9.1 million, with another 2.5 million at private schools.

**There will be an open student Government meeting on Sept. 27, 1978 at 4:30 p.m. in the Student Affairs office.**

**ATTENTION SENIORS!!**

On Thursday, September 28, 1978 there will be an important class meeting to discuss and plan our activities for the year. Events to be discussed: Senior Banquet  
Graduation Party  
C Term Mixer  
Freebie Night in the Pub

All members of the class of 1979 are urged to attend and voice their opinions, for only with your support will these events be successful.

Remember: Thursday, September 28, 1978  
11:00 a.m. Kinnicut Hall SL 115

# ...Goat's Head saga

(continued from page 1)

perhaps for less." This observation was the basis of two encore verses to the tune of the then popular Ta-ra-boom-de-aye, which were sung at a minstrel show performances on the occasion of the class Half-Way-Through Supper the next winter, namely:

"We have a lad from Tokio  
Who's full of fun from head to toe  
He kills the profs. with  
questions queer  
Which make you split from ear to ear.  
"He kept the Goat for Ninety-three  
And had it kept without a fee  
In spite of that he did confess  
I think it can be done for less."

This minstrel show, by the way, led to the writing of the operetta "Jack and the Bean Stalk" the work mostly of Marshall, and Dyer and other of '93, which was given by the Tech at Worcester Theatre a few months later; and which afterwards amplified and presented in Boston and elsewhere by the Boston Cadets, and by professional companies. A revival of "Jack and the Bean Stalk" was on the boards this past winter in Boston.

Parenthetically—it took lots of ice cream and some delay withal for this '93 dinner, as the first lot was mislaid by '94 just before it was to be served!

But no place for the goat could not be found, so he was taken to New Worcester, chloroformed, and his head mounted; which head thereafter answered for the mascot.

Soon after the spring vacation in 1892, Kuwada and other '93 men, at a rooming-house opposite the Engine House on John Street, were slowly forced to the conclusion, after much inquiry and search, that someone had taken the head from the wall of a room during the holidays, and '93 had no goat. By showing pictures to neighbors, the class detectives were convinced that the culprits were two or three '94 men who had been seen about the place, but the evidence was doubtful; and not a trace of the missing head could be found. In a few days '93 would have to display its usual mascot, or embarrassingly admit it had disappeared—an opportunity for '94 to make '93 a laughing stock. There seemed to be but one solution of the awkward problem. The same few '93 who knew the head was missing, under cover of darkness secured another black goat, had him likewise foreshortened; and when the next ball-game happened, '93 as usual followed the leadership of its goat's head. None but



Class of '93 at 45th reunion with real and replica goats' heads.

a few insiders in either class knew the truth, and although some vague rumors circulated, '93 denied them and '94 dared not confirm them—and a tangible goat's head on Tech Hill was better evidence than one reported as in concealment in Nova Scotia—where it really was.

The '93 group lived in silent chagrin and the '94 group chortled in muffled derision for twenty years, until in 1913, as '93 sat at Alumni Dinner in the Electrical Laboratory on its twentieth reunion, the traveller on the big crane moved down the length of the room and stopped over their table, slowly lowered into their midst the original goat's head with an inscription to the effect that '94 having had '93's goat for twenty years, was glad to return it—a notice immediately greeted with a song "It sounds to me like a lie; it may be so, I do not know, but—it sounds to me like a lie."

The provocation of '94's coup was a little misunderstanding at the time of their own Half-Way-Through Supper. The men in a woodyard on Denny Street somehow mistook '93 men for '94 men who had ordered and paid for three sled-loads of cord-wood, a dozen tar barrels and five gallons of kerosene; and under the personal

direction of the supposed-to-be '94 men, rushed the loads to the top of Tech Hill two hours earlier than originally planned. By some further misunderstanding, '93 assisted in the bitter cold, in unloading and piling up this fuel; and lighted the pile in thoughtful consideration and in honor of the class of '94 which was enjoying its class-dinner in smug comfort at a down-town hotel. This event and its subsequent case at law, under taken by '94 but never completed because of lack of evidence, is very humorously yet accurately in all details, told in Shakesperian phraseology as "A Winter's Tale" in '93 aftermath. Higgins was the author.

About three years ago, the now just-graduated Class of 1928 thought the gayety of nations and life at the Institute might be added to if an object for rivalry between even and odd classes could be agreed upon, for contest on the order of the famous Sabrina statue rivalry at Amherst. They asked '93 to contribute its historic goat's head for this purpose. The original head however, was too fragile for adaptation no matter how combined or used. Finally, however under the enthusiasm of a thirty-fifth reunion, '93 had made a substantial bronze "crit-

ter" about a foot long, weighing "21 and a Kuwada lbs." as someone said, which has the full-size, exact replica of the original goat's head modelled to a grotesque miniature pseudo-goat's body.

This was presented to '28 at the Alumni Day Exercises, Saturday, June 16, by the class of '93 it being understood that '28 by next fall will turn it over to '30, thereafter to be concealed from or sought by alternate odd and even classes as matters may develop to the end of time; and with the understanding that all competition and rivalry is to be according to rules of the Student Council or its counterpart, that it will be carefully kept, and that '93 shall have the privilege of taking it at its quin-ennial reunions.

*The rivalry between classes for possession of the head did not last long, but while it did last the possessors of the goat's head engineered some very creative displays of the head. The following article from The Tech News gives details of one of these displays.*

May 7, 1929

Last Saturday afternoon during the Techs-Tufts track meet a plane flew over Alumni Field with an object swinging beneath it. The object was identified by many as the Goat's Head; source of contention between the odd and even classes. The plane circled around quite low and for a few minutes caused no little excitement. Little is known how arrangements were made but the coveted object was dropped somewhere in the vicinity of Lake Quinsigamond. It was later learned from some Freshmen that it landed too close for comfort to a stone wall. Several ambitious Sophomores went to the airport to seize the treasure from the Freshmen in the plane but were sorry to find them without it. The Freshmen had successfully transferred it to safe hands on the ground.

*The following year the class of '33 made another display of the Goat's Head and The Tech News was there again.*

May 20, 1930

The Freshmen slipped one over on the Sophomores Saturday when they

(Continued on page 14)

cost and complexity of the mission international cooperation is essential. The space ships must be assembled in orbit from finished products manufactured on earth and transported by the Space Shuttle.

According to Swenson the astronauts who will take this voyage to Mars are today's undergrads. He is optimistic about the future of space exploration and about those of us who may someday help conquer the "high frontier."

## New Prof. on campus

# Swenson comes from NASA

by Tom Nicolosi  
Newspeak staff

During the 1960's the exploration of space was a major concern of the United States. Large amounts of money and manpower were committed to the task of landing a man on the

## Spotlight

moon and returning him safely. Interest in the space program has dwindled greatly since then among most Americans. However, one person who seems optimistic about man's future in space exploration is W.P.I.'s Professor Frank Swenson.

A newcomer to the campus, Swenson's involvement in the space program dates back to a pair of engineering projects he participated in at the Manned Spacecraft Center in Houston. Before becoming involved in this Swenson, a Kansas native, received his degree in mechanical engineering from the University of Kansas. Prior to this he spent four years in the Navy where he worked with electronics and the then new fleet operational missiles. During his undergraduate years he worked at summer jobs at Detroit

Edison and a Kimberly Clarke, a manufacturer of paper products. It was as an undergraduate that he met his wife Jan who is a Wisconsin native.

After graduating from K.U. Swenson held a job in design production at Ellis Jappers in Milwaukee. He later returned to the University of Kansas where he completed his master's degree in fluid mechanics. Swenson then spent alternate years working at Ellis Jappers and studying for his Ph.D. at the University of Iowa. He also taught at the University of Missouri and spent some time teaching abroad at the University of Sterling, Scotland in the department of industrial science. In fact immediately before coming to W.P.I. Swenson spent five years teaching at Sterling, having returned there in 1973. During this time he became involved in a project called "Urban Crisis 2000." This project was similar to W.P.I.'s IQP projects in that its purpose was to in some way relate technology to the social needs of the community. Project lengths varied from 6 to 62 weeks and in most cases were not degree requirements. The projects were mainly concerned with the problem of urban vulnerability because of the heavy reliance on technology in modern society combined with the possibility of terrorism.

It was in the summer of 1969 that Swenson became directly involved with the space program. During this time he worked on a project with the American Society of Engineering Education at the Manned Spacecraft Center. The project was a feasibility study on a vehicle which could be used to help establish a permanent manned base on the moon by landing supplies to astronauts on the surface.

He also participated in another space-related project in 1973 where films of Skylab astronauts working in free fall were examined to gain knowledge about the motion of human beings as they try to work unhindered in space. This could eventually lead to the development of new and more efficient working techniques in space.

Swenson's work at NASA seems to have instilled him with enthusiasm about the exploration of space. According to him a multinational effort to reach Mars by the end of the century may become reality. "The year 2000 seems like a good time (for the mission) if the political climate is favorable," said Swenson.

The plan that will probably be used to reach Mars is one that the late Werner Von Braun proposed in 1947. This plan calls for the launching of a fleet of ships from earth orbit and the use of landing vehicles to reach the surface of the planet. Because of the

## ...Course changes

(continued from page 1)

Dean Van Alstyne is hopeful the new system will work to everyone's advantage. Besides reducing lines and frustrations, the new system will help faculty plan class sizes in advance, will enable the Bookstore to order enough books well ahead of time, and allow enough time for rescheduling students and verifying their revised schedules. The new course change schedule should work well, and to make sure, Dean Van Alstyne is keeping his fingers crossed.

In addition to discussing the scheduling changes at length, Dean Van Alstyne gave a short explanation of I.D. validation, something new this fall. I.D.'s will be validated in the fall and spring, to assure that students of W.P.I who are not enrolled in classes but not officially dropped out may not use their I.D.'s to use the W.P.I. facilities. Short and simple, it's to stop the "cheaters" from using the library and WACCC without being W.P.I. students. As Dean Van Alstyne said, the course changes schedule and the I.D. validation are to benefit the educations of all W.P.I students.

# ...On Projects: Mass. PIRG

(continued from page 1)

disability payments, only to find that most claims were rejected on the basis that it was ten times faster to process a rejection, than set up a payment program for a claimant.

He quit his job and went unemployed for a period of six months, until last year when he was in Pine Bluff, Arkansas. There, as the deputy director of the Inner City Alliance, he helped to restore the poorer part of Pine Bluff, the "inner city" district of run-down shops and housing. Now up home again - "I wanted to get back to some roots in New England" - Steve found Mass PIRG to be involved in what he enjoyed most. In his words, Mass PIRG stands, "...to show people that it is worthwhile to care, that it can be done, and that we can do it."

The finest meeting of Mass PIRG on campus this term last Tuesday night had an attendance of 15 people. Some

came to hear of PIRG from club day on the quad, some from their history or social sciences course, where Lissandrillo had explained briefly the function of Mass PIRG. Ten minutes after the scheduled meeting time, Steve Lissandrillo burst in with a hurried apology for his late arrival - he had been in Leominster distributing "bottle bill" leaflets. Arrivign on time here at the campus, he couldn't find the right room! The students were relieved to find that even a "professional organizer" - by his own admission - was human.

Briefly, Steve outlined the purpose of Mass PIRG, and explained it would be the student's decision of what was important that would determine the goals and accomplishments of the WPI chapter of Mass PIRG. The group puzzled with thoughts for goals and came up with possibilities of: student access

rights to their personal college files, the quality of nutrition in the dining hall, modification of state bue laws, health hazards in handling asbestos products, the bottle bill, and examining needed safeguards for nuclear plants. Then came a session of brainstorming on methods for a typical goal - the bottle bill. Starting with telephone polls, pamphlets, and letters to congressmen, they branched off to really exotic "Techie" ideas, i.e.: a bottle bust-a-thon, a wet T-shirt contest (steve's idea), and political impeachment of legislators who oppose the bill. By then the group was really involved but Steve's time was up. He congratulated the people there, "you've got a lot on the ball...this is a good group...you're sharp," and let them know of his office hours at the Project Center (Mon.-Thurs., 3:00-5:00 p.m.). The general spirit among the group was that something is going to be accomplished this year. Just what would be worked on and the methodology used to achieve results will have to wait for the next meeting of Mass PIRG, Monday, September 25th, from 6:00-8:00 p.m. at the Project Center.

### WPISFS

will meet, Thurs. 28, 1978 in the Salisbury Lounge at 7:30. The meeting will be moved so be prompt.

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# ...Project Center

(continued from page 1)  
is located in the waiting room of the Writing Resources Center.

## WPI Copy Center

Located on the lower level of the Project Center, the Copy Center is open Monday through Friday from 7:30 a.m. to 6:00 p.m. High quality copying of wide range of materials will be done by the copy center attendant on the Xerox 5400 copier. Project reports, proposals, budgets and other large items may be left to be copied and picked up later. All copies are 5¢ each; receipts are available on request.

Authorized personnel can also charge expenses directly to department accounts.

## Electronics Shops and Support

The Electronics Support and shops area, now located on the lower level of the Project Center, is open Monday through Friday from 8:00 a.m. to 5:00 p.m. A wide range of components, test equipment, and work spaces are available for students doing project work. Ray Pellerin, an electronics technician, is available to assist students in the design or assembly of their electronics components. Entrance to the shops is via the side door between Stratton Hall and the Project Center proper.

## Night Study Room

The Night Study Room, formerly in Salisbury, has been moved to the large open area in the upper level of the Project Center. This area will be open evenings on Monday through Friday until 2:00 a.m., on Saturday from 10:00 a.m. until 2:00 p.m., and on Sunday from 12:00 noon until 2:00 a.m., the following morning.

## IQP Resource and Conference Area

The IQP Center has been moved from the third floor of Washburn to the upper level of the Project Center. The large open area is available to student project groups and their faculty advisors. Magazines, periodicals, newspapers, handouts and forms related to project work, and an extensive resource file on the IQP topic areas are available. Lockers can be signed out to student groups to store project materials, and are located in the anteroom outside the Copy Center and Classroom on the lower level. The IQP Center and locker area are open 8:00 a.m. to 2:00 a.m. Monday through Friday, 10:00 a.m. to 2:00 p.m. on Saturday, and from Noon to 2:00 a.m. on Sundays.



-Mike Landsman

# Projects allotted time

By John Power  
Newspeak Staff

For those students with no classes on Wednesday afternoons, enjoy your free time now and use it constructively. When you begin work on your IQP and MQP, your Wednesday afternoons will be used differently. Wednesday afternoons are now being left open, with a few exceptions, so those students working on projects have at least three hours a week to go to their project sites and work or consult with their project advisors.

Dean of Undergraduate Studies William Grogan has planned out a schedule so students will have more

time to work on IQP's and MQP's. In addition to Wednesday afternoons being open (no classes scheduled, with a few exceptions), Monday, Wednesday, and Friday from 11:00 to 12:00 is also left open. Dean Grogan feels his plan will enable all students to use their time more constructively. The plan leaves time available for conferences with faculty advisors, where in the past, schedules of students and advisors frequently left little spare time for working together on projects. Though the idea is new, it is hoped that everyone uses their time constructively and makes the new idea a success.

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## What's happening?

### TUESDAY, SEPTEMBER 26

Women's Field Hockey at Assumption College, 3:30 p.m.  
Women's Tennis at Gordon College, 3:30 p.m.  
Opening Cinematech Film Series presents, "A Woman of Paris", Kinnicut Hall, 7:30 p.m.

### FRIDAY, SEPTEMBER 29

Women's Field Hockey at Clark, 3:30 p.m.  
The Reel Thing-James Bond Festival, Alden Hall, "From Russia With Love", 7:30 p.m. and "On Her Majesty's Secret Service", 10:00 p.m., \$1.00 admission

### SATURDAY, SEPTEMBER 30

Women's Field Hockey at Framingham S., 10:00 a.m.  
Women's Tennis vs. Clark, 11:00 a.m.

### WEDNESDAY, SEPTEMBER 27

New Foreign Students Reception, Faculty Dining Room, Morgan Hall, 6:00 p.m.  
Boogie Night in the Pub.

The Reel Thing-James Bond Film Festival, Alden Hall, "On Her Majesty's Secret Service", 7:30 p.m. and "From Russia With Love", 10:00 p.m., \$1.00 admission

### SUNDAY, OCTOBER 1

The Reel Thing-James Bond Film Festival, Alden Hall, "The Spy Who Loved Me", 8:00 p.m. \$1.00 admission

### THURSDAY, SEPTEMBER 28

Class of 1980 Junior Prom Chairman Elections, Daniels Hall, 10:00 a.m. to 4:00 p.m.

### TUESDAY, OCTOBER 3

Women's Tennis at Assumption College, 3:30 p.m.  
Women's Volleyball (scrimmage) at Lowell, 7:00 p.m.  
Coffee House Entertainment-To be announced-Wedge

Women's Tennis at RIC, 3:00 p.m.  
Cinematech Film Series presents, "Handle With Care", Kinnicut Hall, 7:30 p.m.

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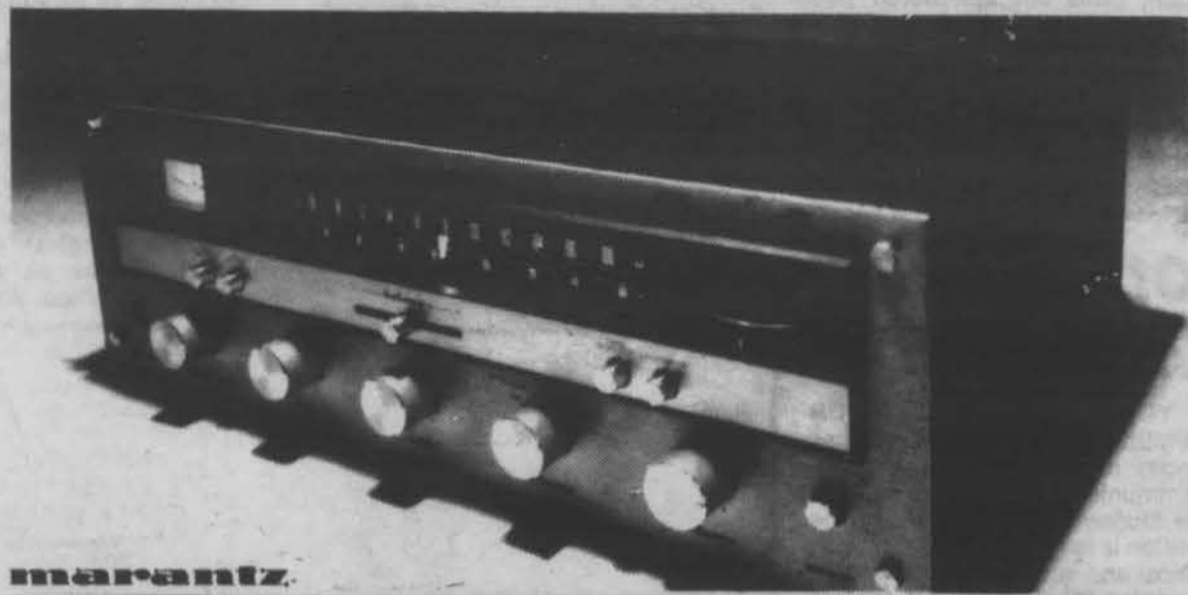
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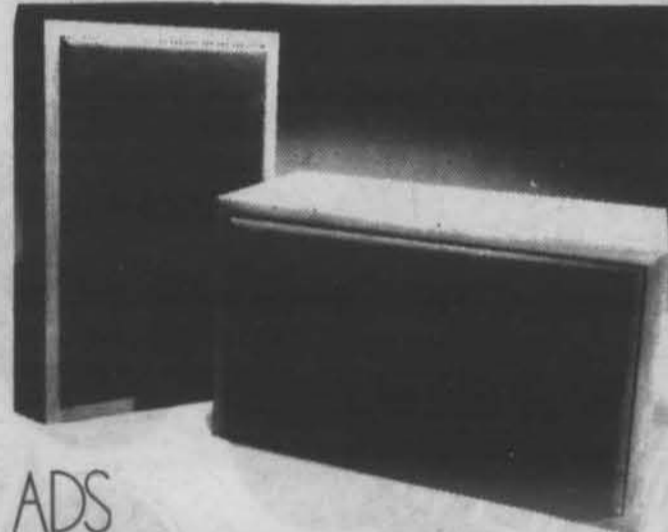
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## Scholarships

### Graduate

The National Research Council will again advise the National Science Foundation in the selection of candidates for the Foundation's program of Graduate Fellowships. Panels of eminent scientists and engineers appointed by the National Research Council will evaluate qualification of applicants. Final selection of Fellows will be made by the Foundation, with awards to be announced in March 1979.

Initial NSF Graduate Fellowship awards are intended for students at or near the beginning of their graduate study. Eligibility is limited to those individuals who, as of the time of application, have not completed post-baccalaureate study in excess of 18 quarter hours of 12 semester hours, or equivalent, in any field of science, engineering, social science, or mathematics. Subject to the availability of funds, new fellowships awarded in the Spring of 1979 will be for periods of three years, the second

and third years contingent on certification to the Foundation by the fellowship institution of the student's satisfactory progress toward an advanced degree in science.

These fellowships will be awarded for study or work leading to master's or doctoral degrees in the mathematical, physical, medical, biological, engineering, and social sciences, and in the history and philosophy of science. Awards will not be made in clinical, education, or business fields, in history or social work, for work leading to medical, dental, law, or public health degrees, or for study in joint science-professional degree programs. Applicants must be citizens of the United States, and will be judged on the basis of ability. The annual stipend for Graduate Fellows will be \$3,900 for a twelve-month tenure with no dependency allowances.

Applicants will be required to take the Graduate Record Examinations designed to test aptitude and scientific achievement. The examinations, administered by the Educational Testing Service, will be given on December 9, 1978 at designated centers throughout the United States and in certain foreign countries.

## National Science Foundation Fellowships

The deadline date for the submission of application for NSF Graduate Fellowships is November 30, 1978. Further information and application materials may be obtained from the Fellowship Office, National Research Council, 2101 Constitution Avenue, Washington, D. C. 20418.

### Postdoctoral

The National Research Council will again advise the National Science Foundation in the selection of candidates for the Foundation's National Needs Postdoctoral Fellowships. Panels of scientists and engineers appointed by the Research Council will evaluate applications of all candidates. Final selection of Fellows will be made by the Foundation, with awards of all candidates. Final selection of Fellows will be made by the Foundation, with awards to be announced in February 1979.

Approximately 130 National Needs Postdoctoral Fellowships will be awarded for research and study on scientific problems related to national needs in the mathematical, physical, medical, biological, engineering, and social sciences, as well as in interdisciplinary areas. Awards will not be

made in clinical, education, or business fields, nor in history, social work, or public health. Application may be made by persons who will have earned by the beginning of their fellowship tenures a doctoral degree in one of the fields of science listed above or have had research training and experience equivalent to that represented by a Ph.D. degree in one of those fields, and who will have held the doctorate for no more than five years as of November 3, 1978. All applicants must be citizens of the United States, and will be judged on the basis of ability.

The basic stipend for Postdoctoral Fellows is \$1,000 per month. In addition, the National Science Foundation will provide the fellowship institution, upon its request, with a cost-of-education allowance on behalf of the Fellow to assist the institution in meeting the cost of tuition and fees, and in providing the Fellow with space, supplies, and equipment.

The deadline date for the submission of applications is November 3, 1978. Further information and application materials may be obtained from the Fellowship Office, National Research Council, 2101 Constitution Avenue, Washington, D.C. 20418.

## Morris Competition

NEW YORK, N.Y., SEPTEMBER 1978—Philip Morris Incorporated has announced its tenth annual Marketing/Communications Competition for College Students. The purpose of the competition is to provide students with a practical and realistic business project, bringing them into direct contact with the business community.

A \$1,000 grant will be awarded to the winning entries at both the undergraduate and graduate levels; runners up will receive \$500 grants; and other finalists in the undergraduate and graduate categories will receive special merit awards. Entries may deal with any aspect of the broad areas of marketing/communications related to Philip Morris Incorporated, its non-tobacco operating companies or any of its non-tobacco products.

Students chapters of professional societies, regular classes or ad hoc committees of no less than five students at the undergraduate level and no less than two at the graduate level under the counsel of full-time faculty members may submit proposals.

A distinguished committee of marketing/communications experts will judge selected entries. They are: Eugene H. Kummel, chairman of the board, McCann-Erickson; Mary Wells Lawrence, chairman of the board, Wells, Rich, Greene; Arjay Miller, dean, Stanford University Graduate School of Business; William Ruder, president, Ruder & Finn; and James C. Bowling, senior vice president, Philip Morris Incorporated.

In addition to the grants, two student representatives and the faculty advisor from each of the winning and runner-up committees will be invited to be Philip Morris's guests at corporate headquarters in New York or at another corporate location to discuss their proposals with Philip Morris executives.

Philip Morris Incorporated, one of the world's largest cigarette companies and producers of beverages, includes Philip Morris U.S.A., whose major brands are Marlboro—the number one selling cigarette in the world—Benson & Hedges 100's, Merit, Virginia Slims, and Parliament; Philip Morris International, which manufactures and markets a variety of brands, including Marlboro, through affiliates, licensees, and export sales organizations; Miller Brewing Company, brewer of Miller High Life, Lite, and Lowenbrau brands; Seven-Up Company, producer of 7UP and Sugar Free 7UP soft drinks; Philip Morris Industrial, which makes specialty chemicals, paper, and packaging materials; and Mission Viejo Company, a community development and home building company in Southern California and Colorado.

For additional information, please contact Marketing/Communications Competition, Philip Morris Incorporated, 100 Park Avenue, New York, New York, 10017.

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# Task Force on technology

Erie, Pa.—A national task force to fund and coordinate projects to promote a better understanding of technology and its role in society was the principal objective of The National Symposium on Technology and Society held in early October at Villa Maria College, Erie, Pa.

Donald M. Alstadt, president of Lord Corporation, a co-sponsor of the symposium, reported that the task force is being funded by industry and consists of leading scientists, engineers and educators.

"We are concerned that technology is getting an undeserved excessively negative reputation that threatens America's leadership in this area," said Task Force Chairman, Dr. Edward E. David, Jr., president of Exxon Research and Engineering company and former science advisor to Presi-

dent Nixon. "Our country has been built on know-how and yet we see technological decisions increasingly being made by people in government and industry without an appreciation for the technological contributions. Moreover, these is cause for concern that America's technological superiority is being rivaled, and in some cases surpassed, by foreign countries.

"We feel strongly that it is up to free enterprise to meet this challenge, and that's why we have established this Task Force to give purpose and direction to this need through a variety of educational and communications projects now being planned."

Named to the Task Force, in addition to Mr. Alstadt and Mr. David, were leading executives of industry and education: Dr. Lewis Branscomb, vice president and chief scientist,

IBM Corporation; Dr. William S. Kiser, chairman-Board of Governors, Cleveland Clinic Foundation; Henry C. Londean, public relations manager, Getty Oil, Inc.; and Dr. T. A. Vander-slice, vice president, group executive, General Electric Company.

Also named were Richard M. Larry, executive vice president, Sarah Scaffe Foundation, Inc.; Dr. J. William Haun, vice president, General Mills, Inc.; J. Clayburn LaForce, chairman, Department of Economics, UCLA; William F. May, president, American Can Company and Robert Chitester, president, Public Broadcasting of Northwest Pennsylvania.

Commenting on the purpose of the task force, Mr. Alstadt said, "The group will seek to improve aspects of technology's relations with society.

"One of the great problems today

is an information lag—Too many of the people who are operating our administrative and legislative governments lack the kind of technology training or education to manage a world in which important technology and science dominate our lives."

Lord Corporation, based in Erie, Pa., is a research-and-technology-oriented company which designs, manufactures and markets advanced systems and products to manage mechanical motion, bond and coat various materials, and to control noise. Corporate operating units include Lord Kinematics, Hughson chemicals, Allforce Acoustics, and Keyon Materials.

In addition to marketing offices and distributors in over 40 countries around the world, Lord Corporation has manufacturing facilities in Mexico, Japan and Brazil.

## Mountaineering #3.

# METHODOLOGY



Mountaineering, as all but the chronically misinformed know, is the skill, the science and the art of drinking Busch Beer. It begins by heading for the mountains (i.e., a quick jaunt to your favorite package emporium or wateringhole) and ends by downing the mountains (i.e., slow slaking swallows of the brew that is Busch).

¶ However, between those two points lies a vast area of personal peccadilloes sometimes called technique and sometimes called methodology (depending on your major). Hence, this ad. ¶ Sipping vs. chugging. Both have their merits, of course. But generally speaking, except for cases of extreme thirst or a leaking glass, sipping is the more prudent practice for serious, sustained mountaineering. ¶ Next,



the proper position. Some swear by sitting; others by standing. Suffice it to say that the most successful mountaineers are flexible, so you'll find both sitters and standers. (Except on New Year's Eve, when it's almost impossible to find a sitter.) ¶ Which brings us to additives. Occasionally a neophyte will sprinkle salt in his Busch; others mix in tomato juice; and a few on the radical fringe will even add egg. While these manipulations



can't be prohibited (this is, after all, a free country), they are frowned upon. Please be advised that purity is a virtue, and the natural refreshment of Busch is best uncompromised.

¶ Finally, there's the issue of containers. Good taste dictates a glass be used. But bad planning sometimes prevents that. If you find yourself forced to drink from the can, you should minimize this breach of etiquette. Be formal. Simply let your little finger stick out stiffly (see Fig. 4). Happy Mountaineering!



Don't just reach for a beer. **BUSCH** Head for the mountains.

# Fall production

by M. Higgins  
Newspeak Staff

On November ninth, tenth, and eleventh, the Humanities Department will produce Tom Stoppard's *Enter a Free Man*. All performances start at

## The arts

8 p.m. with a special 2 p.m. matinee Saturday. Hint: nice way to entertain your parents on Parent's Weekend, plus it is free. By the same playwright as *Rosencrantz and Guildenstern Are Dead*, *Enter a Free Man* is the whimsical tale of an earnest inventor whose inventions are destined to fail. Half the scenes take place in his home, and the rest in the local pub. This play, like all the Humanities productions since the arrival of Caroline Dodge, is relevant to WPI. The hero is akin to

engineers in that he is imaginative and attempts to design things to solve problems. Several important questions are raised concerning the nature of creativity and the relationship between science and society. The insight into family relationships makes it especially appropriate for Parent's Weekend. The drama department has been steadily growing and this year's theatrical season got off to a good start with the Masque's production of Harold Pinter's *The Collection*, which was very well attended.

For all those interested, tryouts for *Enter a Free Man* will be held this Monday and Tuesday at 7:30 in Alden Hall. If you can't be there, but are still interested see Caroline Dodge, Salisbury 03. The cast requires three women and five men. Also needed are people interested in the following: scene design, scene construction, costuming, make-up, and lighting. Again, all are welcome and this includes faculty, staff, and students from consortium schools.

## Chapin at Civic Center

Harry Chapin, who is perhaps the most innovative popular musician of this decade, will perform at the Springfield Civic Center, Thursday, October 19, at 8:00 p.m. Chapin is known particularly for his "story songs" or modern day ballads, such as "Taxi" and "Cats in the Cradle". His musical skill is so well developed that these songs, which are quite different from most popular songs, have been enjoyed by enormous audiences all over the United States. The social issues artistically treated in his songs are viewed with an unusual sensitivity and depth that is reflected in the quality of his music. Chapin has

always been an innovator musically, being the first popular musician to use a cello in his band when in concert. Harry felt that "its lyrical, evocative, feminine sound would go well with my rough-hewn story-telling voice."

Besides his activities within the music industry, Harry is founder of World Hunger Year, a non-profit group extremely active in publicizing the plight of 20 million hungry Americans and the 1 1/2 billion people starving around the world.

Tickets for Harry Chapin will go on sale September 25, at the Civic Center box office and all tickertron outlets.

## Theatrical opportunity

NEW YORK, Sept. 13: Richard Rodgers, who has enriched the American musical theatre for more than half a century, is collaborating with the American Academy and Institute of Arts and Letters-of which he is a member-to encourage young talent who will be the Rodgers, Hammerstein and Cole Porter of the future.

This month more than 800 colleges, music and drama schools and amateur theatre groups around the country, will be receiving PLEASE POST notices offering their students a chance to apply for the Richard Rodgers Production Award to be offered every year. Its primary purpose will be to make possible by subsidy a production in New York City of a musical play by authors and composers whose works have not before been professionally performed. The applicants, of course, need not be students. Previously produced works will be eligible if their performances were, in the judgment of the committee, an amateur effort, university-sponsored, or reached but a small audience, or were incomplete or inadequate.

Last spring the celebrated composer handed Jacques Barzun, president of the Academy-Institute, a check for one million dollars to establish and administer the fund. The award stipulates that the winning work may be a play with music, an operatta, a revue, an adaptation of a classic or a "typical Broadway show." It may be full-length of several short works that make up a theatre evening.

## Annie Hall in review

by Arman Gorkani  
Newspeak Staff

Brilliant, extraordinary, intellectual, funny, nice, romantic, psychological, dynamite, unusual, and political; these are only some of the words I could use to describe Woody Allen's "Annie Hall". I saw it for the second time last week, and once again I enjoyed it. One of the funny things about the movie is that, when you really think about it, you'll see yourself up there on the screen; that's your life you're watching. Once again, Woody Allen filled up his rifle with some of

## Classifieds

NEWSPEAK will run classifieds at the rate of 25c per line (15c per line for students). Payment must accompany this form. Deadline is Friday noon for the following Tuesday issue.

Mail to WPI NEWSPEAK, Box 2472, or bring to WPI NEWSPEAK, Room 01, basement, Sanford Riley Hall. Remember, payment must accompany this form in order for the ad to run.

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NORA-Please come the children need you. Torvald.

FOR SALE-The ranch. Apply at bunkhouse.

## Manahan at WSC

Anna Manahan, presently a prominent member of the company of Great Britain's National Theatre, and one of Ireland's best known actresses for over two decades, will present an exclusive performance of her one-woman show, *The Seven States of Anna*, at Worcester State College. The production date is Tuesday, September 26. The performance will begin at 8 p.m. in the college's main auditorium. Admission is \$1.00 for members of the college community and senior citizens and \$2.00 for the public. For further information and reservations, please call "Arts, Etc." at 752-7700, extension 152, between 9 a.m. and 4 p.m..

*The Seven Stages of Anna* is a compilation of excerpts from the most important and most memorable roles Ms. Manahan has performed throughout her career, as well as selections from Irish, English and American literature and song. Among the pieces the actress does are Sean O'Casey's *Juno and the Paycock*, James Joyce's *Ulysses*, Tennessee Williams' *The Rose Tattoo*, J.M. Synge's *Riders to the Sea*, Christy Brown's *Down All The Days* and Brendan Behan's *Richard's Cork Leg*.

Ms. Manahan's current work with the National Theatre includes the roles of Bessie Burgess in Sean O'Casey's *The Plough and the Stars*, the First Witch in *Macbeth* and Porpise in Edward Bond's latest play, *The Women*.

Ms. Manahan's other credits included seasons with the Abbey Theatre in Dublin, the Pike and the Globe. She co-starred with Art Carney in *Lovers* on Broadway-a performance for which she received a Tony Award nomination as best supporting actress. She has been the recipient of the Evening Standard Award in London and has been named "Actress of the Year" three times in Ireland.

A recent performance of *The Seven Stages of Anna* at the National's Olivier playhouse brought the following comments from London's *Guardian*. "...the latest in a memorable line of Irish one-person shows...accomplished...dynamic."

## Art news

Throughout the ages, much of visual art has been based upon a written text. Artists have enjoyed a great deal of license when translating word into picture, and their artistic liberties are explored in *Text and Image*, on view now through October 15 in the Worcester Art Museum's College Gallery.

Organized by Ellen Kosmer, associate professor of fine arts, Worcester State College, the show features illustrations from the Bible, folklore, classical and modern literature, and political satire.

Medieval and Renaissance illustration of biblical stories often depict figures in contemporary clothing and European settings, thereby providing a greater sense of immediacy for their readers. In his five illustrations for the 17th-century Latin poem about the parable of the Wise and Foolish Virgins, artist Jan Saenredam (1565-1607) appears to have transformed the theme to that of the Chaste and Lascivious Virgins.

Occasionally a straightforward translation may be more misleading than an interpretive one. One of two illustrations of the parable of Susanna and the Elder accurately portrays the young woman being surprised at her bath by two men of ill intent. However, Susanna's undisputed virtue is much less evident in this depiction than in another illustration which represents her as a sheep flanked by two menacing wolves.

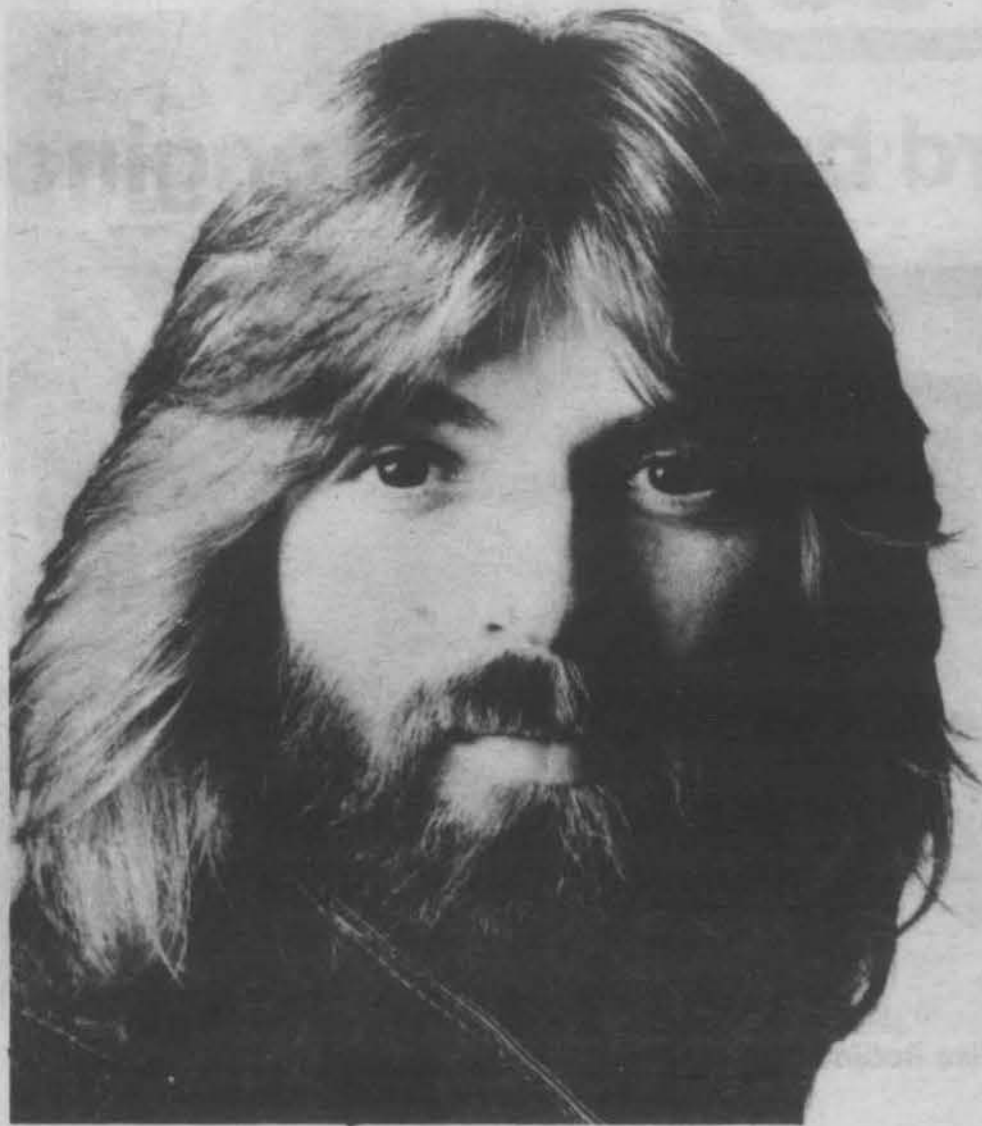
Some artists might better be described as book designers than illustrators. For the opening leaf of *The Romance of the Rose*, Kelmscott Edition of Chaucer, Edward Burne-Jones (1833-1898) and William Morris (1834-1896) integrated their illustration with both designs and typeface in the manner of 15th-century bookmaking, which Morris hoped to revive. The page is thus perceived as a complete visual unit.

The College Gallery Program, now in its second year, is designed to encourage greater use of Museum resources by teachers and students of academic institutions. Supported by a grant from the National Endowment for the Humanities, the Program serves as a link between the Worcester Art Museum and the Worcester Consortium for Higher Education.

the social problems of this society and shot them right back into our eyes. People laughed about it, but they were laughing at themselves. Woody nicely played around with his characters and, like a real Freudian, searched for the source of their behavior. I've heard the film has been awarded which I believe is only fair. The last word to say is that although "Annie Hall" is a romantic comedy, it might well be thought of as a psychological study on American society in depth, as all Woody Allen's movies are.

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# Sports

-But our cannon was bigger!

## Coast Guard broadsides engineers

by Fred Beaucoup  
Newspeak staff

The WPI Engineers came up short in their effort to win the 1978 home opener as the Coast Guard Academy squeaked out a 21-13 victory. The Engineers proved to be the better team on the ground, but despite three interceptions the game was lost in the air, both in completions made by the Cadets and completions lost by WPI. Mike Robinson, easily the most talented running back on the field Saturday, scored both Engineer tallies but ended up with only sixty eight yards rushing.

Coast Guard took the opening kick-off and was stopped by the tough WPI defense. The ball exchanged hands twice, then Bob Guarsi, a junior linebacker, picked off a Marty Felman pass and juggled it to the coast Guard 16 yard line. The Engineers scored three plays later and seemed to have total control of the game.

However, the momentum shifted for the worse just as quickly with Coast Guard recovering a fumble at the Engineer 45 yard line. A thirty yard pass completion took the Cadets one yard and two plays away from knotting the score at seven.

WPI came storming back, as they took the ensuing kickoff and marched sixty five yards in fifteen plays with Bob Montagna showing the kind of poise far beyond his freshman years. The Engineer's crucial play came on a second down and fifteen situation with



Mike Robinson churns out tough yardage

-Mark Hecker

Montagna keeping the ball on the option for a twelve yard gain. Robinson capped the drive with one yard plunge. The Cadets scored two more times in the game. The Engineers threatened

to score three more times, but the scoreboard read 21-13, and that's the name of the game. Ray Dimuzio caught a pass on a fourth and nine situation and drove to the coast Guard

five yard line, inches short of the first down. Dimuzio again found himself naked later in the game on a fourth down and one on the ten yard line, when the Engineers called a very gutsy play action pass. Montagna tried to dump the ball quick to halfback Dave Ford in the flat for the first down, but the effort was thwarted by a Coast Guard defender.

These are the fourth quarter heroics that must be executed before WPI can begin to put it all together. It is the type of situation where the Engineers must "learn how to win" in order to deliver the crucial blow that would have given the fans and the team their deserved justification. The crowd on hand Saturday was outstanding, and I am sure the WPI community will be very pleased if they follow the development of the WPI football Engineers throughout the season. The team travels to Schenectady, New York to play Union College, and returns to beautiful Alumni field the following week to face the Bowdoin Polar Bears.



Engineer bench looks on with concern.

-Mark Hecker

## Support for Sports psyches techies

by Dick Forand  
and Dave Lesser  
Sports editors

What happened to the WPI fans? This weekend they came out in non-typical WPI fashion. Every sport this past week had more than ample

### Editorial

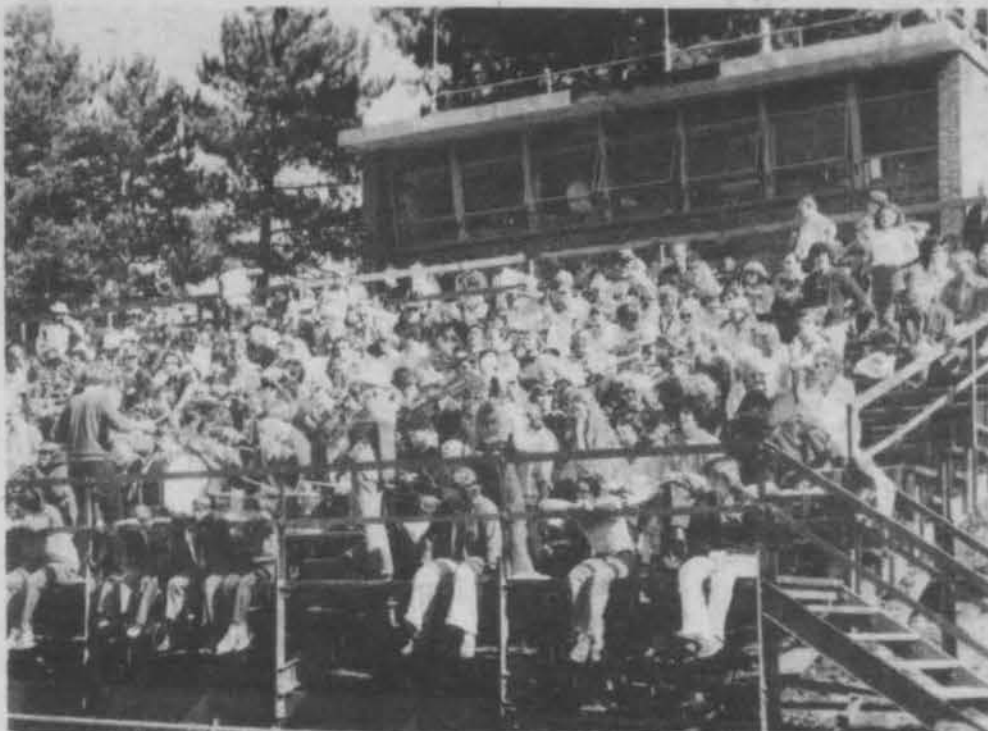
support. To begin with, the football rally had a fair showing after it had been switched to Harrington, along with the "new look" WPI offense we had the "new look" WPI cheerleaders, 5 strong. Dan "Chuck Manson" Kennefick started the rally by introducing President Cranch and the other honored guests, Mr. Flood, Coach Weiss, and the President of the Poly Club Ted Coughlin. Each were optimistic over the coming year, not only in football but in WPI sports overall.

The football game itself was unbelievable in the amount of fan support. It was one of the largest crowds in

recent memory. Families came from as far away as New Jersey to see the "new look" Engineers. The game itself was a close contest throughout and with a break or two we could have won.

The Cross Country team enjoyed support all along their 5 mile course. Many fraternities showed their support as the runners passed their house, namely KAP, FIJI, Theta Chi, Sig Ep, and Lambda Chi. John Turpin ran well but lost at the wire, can you remember the last time that Turp lost?

Fan support helped the Soccer team to a 1-0 overtime win! Even the girls' Tennis team received more support this week. We hope that this support will last throughout the entire school year. WPI has some outstanding athletes who compete in many different sports with great personal satisfaction but a win is rather shallow without someone to see it. With our new president and athletic director, sports at WPI should be on its way to be consistent winners on all levels. We would like to see this support continued throughout the coming year. By the way, if anyone is interested, SAFA is alive and doing well in Houston!



-Mark Hecker

# Cross Country stands 4-1

The WPI Cross Country team took a second place to MIT in the "Engineers Race" last Saturday afternoon. MIT nipped WPI 25-33, while the Engineers handily outran the RPI team 33-66.

John Turpin, WPI's answer to Bill Rodgers, was in spectacular form as usual. Turp broke the school record with a time of twenty five minutes, three seconds over the five mile course. Unfortunately, a tough runner from MIT named Barney Bayes outkicked Turp at the finish to take the race. It was nip and tuck all the way as Turpin had the early lead, was caught by Bayes, went back into the lead, and then was outspurred for a heart-breaking loss. Needless to say Turp was pretty upset, and expects a different result when he goes up against Bayes in the NCAA qualifying meet.

Dave Szkutak ran a strong race,

finishing third right behind the leaders. But the surprise of the day has to belong to freshman Tim Haven, who took a sixth place in the race. The other scorers for the Engineers were Norm Guillemette (9th) and Jim Drumm (13th).

The Engineers also won the city meet last Wednesday (which they have never lost), easily defeating Worcester State, Assumption, and Clark. WPI showed its strength by sweeping the first seven places, led by the ever-present John Turpin. Turp, Dave Szkutak, and Norm Guillemette all came in at the same time. The trio was then followed by freshmen Tim Leroy and Tim Haven. Rounding out the top seven were Jim Drumm and Ed Szkutak. Rich Molongoski ran so bad he didn't want anybody to know about it. Sorry Rick. And What ever happened to Vinnie Wolff?



Mark Hecker

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# Booters split close contests

By Bob Cummings  
Newspeak Staff

Last Wednesday evening the soccer team opened their season against Bentley College. Bentley scored first about halfway through the first half. Eilenberger, the goalie had no chance at saving the shot.

Towards the end of the half, WPI started passing well and got some good shots off, but came up empty handed.

In the second half WPI came out as in the first, a little disorganized. Shortly after though WPI got a throw in at their end of the field. Art Shorrock threw the ball into the center of the field to Abdelkader Tadjer who headed the ball into the net to knot the score at 1 apiece. With about 5 min. left in the game, Bentley got a free kick at midfield and worked through the surprised defense for the winning goal. Jim Eilenberger played a good game in the nets, keeping Bentley at bay.

This past Saturday, WPI went against Coast Guard, trying to square their record at 1 and 1.

In the first half, WPI came out playing their game, passing the short ball and running to meet the ball when the ball was in their area. However, they could not put the ball in the net.

The same thing was happening in the second half until WPI switched from 2 strikers to 4 strikers.

Norito Endo took a corner kick that bounded back out to him. He headed the ball back into the center and it bounded back to him again. He then kicked the ball off John Hanley's head into the goal for the game winner. There were only 6 min. remaining when Dennis Wysocki was injured. This key player in the defense had had to come out. Bob Cummings came in and helped hold out Coast Guard along with Tim Fisher, Jay McNeff at full back and Jim Eilenberger in the goal who had another good game and his first shutout of the season. Dave Partidge and Dave Bachiochi, two key midfielders, also had good games.

Next game is Tues. September 26 against MIT, at home, at 3:30.



-Mark Hecker

## U.S. vs. Japan

# Power volleyball is coming!

The most exciting volleyball news to arrive in the United States to date is the announcement of a series of matches to take place between the world champion Japanese Women's Olympic Volleyball Team and the United States Women's National Volleyball Team. This series will begin in October and New Englanders will be able to attend one of these matches, at Springfield College on Wednesday, October 18th at 8 p.m.

Springfield is the only New England match site on the nationwide tour. It will be a rare opportunity to witness a sports event of international importance.

The Japanese team startled the world during the 1964 Olympic Games in Tokyo, when volleyball was first introduced as an Olympic event. The U.S. television audience was amazed at the spirited and torturous practice routines, the demanding coach, the acrobatic dives, the hard driven spikes, and dedication and style-all of which

made believers of viewers. This was probably the single most important event in causing this country to accept the competitive nature of power volleyball.

The Japanese won the first Olympic gold medal for volleyball that year, and came back to repeat in 1976, when they went through the entire tournament in Montreal without suffering a single defeat. This team was considered one of the most perfect offensive and defensive squads ever assembled in the sport. Our fans will see this perfectly-precisioned team in action, preparing itself for defense of the world championship at the 1980 Olympics in Russia.

The United States National Olympic Team has been making unbelievable progress in the past few years. Under the capable supervision of Coach Arie Selinger and his staff, this group of outstanding players has been involved in a highly intensified and ambitious training program, which includes exhibition matches throughout the

world. Progress has been steady, with the women gaining respect and admiration worldwide. This team is now recognized as a formidable opponent and is rated among the top teams in the world.

The Americans, having entered the top six teams in the world by virtue of their showing last year in the world Cup Championships in Japan, will be looking to repeat their recent successes against the Japanese in the upcoming matches. While dropping a match last November in straight games, the girls scored more points than the Russians did in the last Olympic finals, and dropped the third game of the three-game set by only two points. In a visit to Japan this summer, the Americans played the Japanese dead even splitting 26 games and demonstrating positive improvement.

Lead by two of the most awesome attackers in the game today, Pat Dowdell and Flo Hyman, and with a host of top players (including Debbie Green, Diane McCormick, Sue Wood-

stra and others) the young Yankee squad has become a serious threat to the Cubans, Russians and Japanese, who have dominated the sport in recent years. The highly talented Americans are anxious, and are setting their sights on the 1980 Olympics in Russia.

Warm-ups and drills prior to the exhibition should be as interesting and instructive as the games themselves, so it is suggested that those fortunate enough to obtain of the limited number of tickets make it a point to arrive before the 8 pm starting time.

Tickets are available at all Ticketron outlets.

For group sales information: in Eastern New England, contact Marty Avedisian, 35 Power House Terrace, Summerville, Mass. 02144 (617/776-2246); in Western New England, contact Fred Demers, 74 Sherwood Ave., W. Springfield, 01089 (413/732-4792). Gen. Admission \$5.00-Groups of 25 or more \$4.00.

## ...Goat's Head saga

(Continued from page 4)

exhibited the Goat's Head almost under their noses and got away without even being pursued. The Sophomores had expected the "Head" to be exhibited and had even trailed one Freshman out to Tatnuck thinking that he was going to get it but found that they had embarked on a "Wild Goose Chase." Sophomore cars were lined up along Park Avenue expecting that the exhibit would be made from there but it appeared on the other side of the field where the bearer shouted to attract the attention of the crowd and held it over his head for about a minute. The head was then taken to an auto which carried the prize article away, passing a car full of

Sophomores at the corner of Park Avenue and Salisbury Street.

The "Showing of the Goat's Head" happened during the track meet and occasioned such little interest because there was no fight for its possession that many including the Freshmen were disappointed and feared that the Tech Council would not count it legal. The fact that the Sophomores seemed to be prepared for it should discount any such ideas.

The Goat's Head of historic renown has again been hidden from the world and will probably remain out of sight until next year when the incoming Freshmen will try to wrest it from the present Freshmen.

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WOMEN'S FIELD HOCKEY			
Sept. 26	Tues.	Assumption	3:30
29	Fri.	Clark	3:30
30	Sat.	Framingham St.	10:00
Oct. 10	Tues.	Anna Maria	4:30

**WPI  
WOMEN'S TENNIS  
1978 - 1979**

**SEPTEMBER**

14 Bruant College	Away	3:00 PM
19 Emanuel College	Home	3:30 PM
23 Worcester State College	Away	10:30 AM
26 Gordon College	Away	3:30 PM
28 Assumption College	Away	3:30 PM
30 Clark	Home	11:00 AM

**OCTOBER**

3 R.I.C.	Away	3:00 PM
7 Lowell, Univ. of	Away	10:00 AM
9 Babson College	Home	3:00 PM
10 Suffolk University	Home	3:00 PM
12 Amherst College	Away	3:00 PM
14-15 M.A.I.A.W	Away	Wellesley
17 Stonehill College	Home	3:00 PM

**WPI  
WOMEN'S VOLLEYBALL  
1978 - 1979**

**SEPTEMBER**

Lowell (Scrimmage) 28 Away 7:00 PM

**OCTOBER**

RIC 12 Away 6:00 PM

Bryant

Fitchburg State 18 Away 7:00 PM

Framingham State 19 Home 7:00 PM

Wheaton College 21 Away 11:00 AM

ECSC 24 Away 7:00 PM

St. J's

Western N.E. 31 Home 7:00 PM

Brandeis

**NOVEMBER**

Clark 1 Away 6:00 PM

Babson

Regis 7 Home 7:00 PM

AIC

Assumption 9 Home 7:00 PM

MAIAW 11 WPI

Worcester State 14 Away 7:00 PM

# Athlete of the Week

To start the new year off on the right foot, the athlete of the week is Jim Ellenberger, the goalie for the WPI soccer team.

Jim played two outstanding games in net this week, allowing only two goals while making some fine saves against a tough Bentley squad, and recorded a shoutout on Saturday against Coast Guard.

# Golf team wins

The fall golf program got under way with a victory over Clark, Bentley, and Suffolk. Jim Kelleher, the team's number 1 man, was medalist for the day with a 73. Gary Grof and Dan Kennefick both had 78's.

The five man team of Jim Kelleher, Dave Green, Gary Grof, Dan Kennefick, and Jim "Space" Orcutt are looking forward to the New England Inter-Collegiate Championship to be played at Portsmouth C.C. and Abernaki C.C. in New Hampshire on September 24-25.

# Field Hockey ties Lowell

by Janet Anderson  
Newspeak Staff

Friday, the WPI Women's Field Hockey Club played a strong game against the University of Lowell. As WPI had practiced only two weeks for the first game, the team played admirably to a 1-1 tie.

WPI's lone goal came in the first half. Michelle Giard, a very promising player, scored the first goal of the game.

The next game is today at Assumption at 3:30. These will be two other games this week: Fri., Sept. 29, at Clark at 3:30 and Sat., Sept. 30, at Framingham State at 10:00 a.m. The players welcome student and faculty support.

# Varsity Club gears up

In the past few years the Varsity Club has not had an over abundance of activities. In the past there were dances put on by the club, buses would be sponsored to away games and other fun things to do. These activities have dwindled so that the only thing that the club does is run the concession stand at football and basketball games.

For those who are wondering who belongs to the Varsity Club, it is anyone who have ever recieved a varsity letter at WPI. Officers are elected by a committee of three. This year the officers are president Dan Poullat, vice-president Keven Dougherty, and secretary-treasurer Russ Murray.

The new officers would like to turn things around and get this club back into campus life. The only way that this can hapen is if all take part. If anyone has suggestions along these lines, please do not hesitate to contact one of the officers.

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### 1978 HOMECOMING QUEEN CONTEST

Nominations are now open for the 1978 WPI Homecoming Queen Contest. Applications must be received by the Student Affairs Office no later than 5:00 p.m. on Friday, September 29, 1978.

- Candidate must be a full-time undergraduate woman at WPI.
- Application must be signed by the candidate.
- Candidate must be sponsored by one of the following campus groups:
  - Any official WPI organization (i.e., fraternities, clubs, offices, departments)
  - Individual floors from Riley, Daniels, and Morgan residence halls.
  - Stoddard A, B, and C, Ellsworth and Fuller may nominate ONE candidate a piece.
  - Trowbridge 25 and 28 and Elbridge 16 may nominate ONE candidate a piece.
  - Commuters may nominate ONE candidate.
- Fee of \$10.00 must be submitted with application. Make checks payable to WPI 1978 Homecoming Queen Contest.
- Candidates must be escorted to final judging dinner, Saturday football game, and the Saturday evening Night-Club.

Judges will include representatives from the Worcester community and alumni of the college. Judges will consider the following in making their selections: poise, intelligence, attractiveness, and personality. Questions should be referred to: Hannah Halliday, 791-5027, or Dean Brown, Office of Student Affairs in Daniels.

The following schedule will be required of all candidates:

- Tuesday, October 3 -- Pictures taken 3:30. Group meeting over dinner.
- Tuesday, October 10 -- Preliminary judging at 8:00 in the Higgins House.
- Wednesday, October 11 -- All candidates notified of five finalists via on-campus mail.
- Thursday, October 12 -- Final Judging begins at 6:30 in Morgan Dining Room A.
- Tuesday, October 17 -- Meeting for Queen and her court with escorts at 4:30.
- Saturday, October 21 -- Football Game. Night-Club in Harrington.

#### 1978 WPI HOMECOMING QUEEN NOMINATION:

(Submission Deadline - 5:00 p.m. to the Student Affairs Office in Daniels Hall)

Sponsoring group and contact person:

#### Candidate Information:

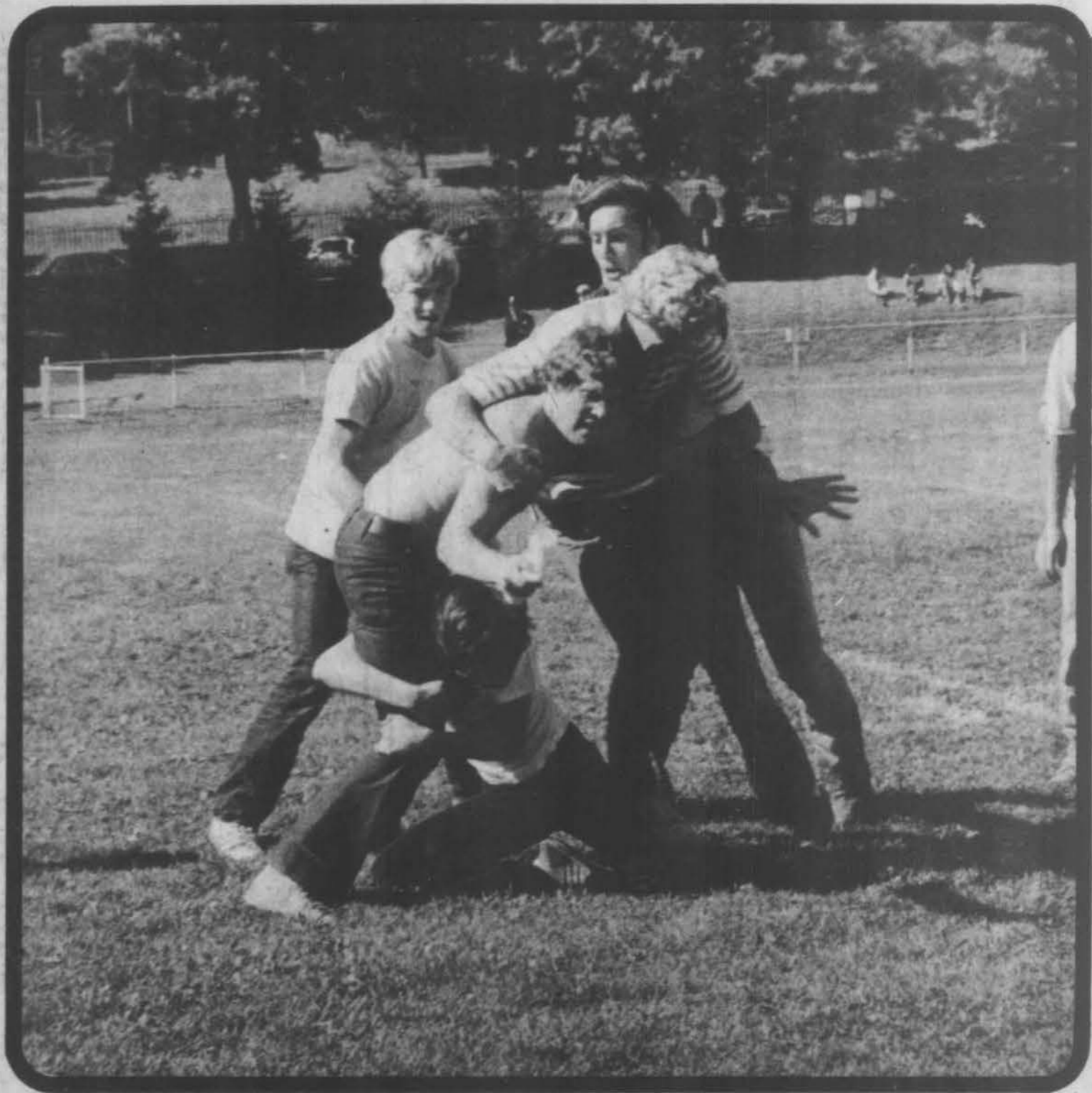
Name: \_\_\_\_\_ P.O. Box: \_\_\_\_\_  
Local Address: \_\_\_\_\_ Phone: \_\_\_\_\_  
Class: \_\_\_\_\_ Major: \_\_\_\_\_

I have consented to be nominated as a candidate for the 1978 WPI Homecoming Queen Contest and will attend all functions connected with the Homecoming Queen Contest:

Candidate's Signature: \_\_\_\_\_

Enclosed is the \$10.00 application fee.

please cut along dotted line



-Mark Hecker

# WPI Newspeak

Volume 6 Number 19

Tuesday, September 26, 1978