Communication efforts have falled

CCS motions to cancel Spree Day

The Committee of Concerned Students has come to the conclusion that Spree Day 1982 should be cancelled.

On Thursday, November 12, the Student Government Executive Council unanimously approved of CCS handling Spree Day, and bringing the main points to the Council for evaluation by the end of B-term.

Since that time several meetings of the CCS Spree Day Subcommittee have been held, all well-publicized meetings. Their effort culminated in an open meeting in Newell Hall (Atwater Kent 116), Thursday, December 3. Letters were sent to every undergraduate and Faculty member of the WPI community. According to CCS Chairman Tom opportunities to participate and provide input." Barrett sums up the CCS proposal that he is making to the Executive

"We assume that the students want Spree Day, but they have to show they care. This is an issue that the entire Student Body has to show they care about, otherwise our efforts are fruitless."

Dave Rubinstein, Executive Concil President

Barrett, "The attendance was pitiful, especially in regards to Faculty. I feel the entire WPI community has had several Council in three words, "Cancel Spree

Barrett went on to announce the CCS

Spree Day Subcommittee was being disbanded. "There just seems to be a general lack of interest, not enough people really care."

Barrett welcomes comments from the WPI community concerning this decision. Comments can be sent to the CCS, Box 1191. Another option says Barrett, students and faculty can attend the next CCS meeting, Thursday, December 10 at 4:15 in the Wedge. But Barrett warns, Spree Day will not be the main topic of discussion at this meeting. This will also be the last meeting of the CCS Spree Day Subcommittee.

The student newspaper of Worcester Polytechnic Institute

Volume 9 Number 22

Tuesday, December 8, 1981

Soccom elections **Thursday**

An Interview with Da Hai Ding

An inside look at Ding's life in China

by Greg Doerschler Newspeak staff

After Da Hai Ding's parents had chosen his name "Da Hai" and the name "Da Dee" for his sister, they thought that they had everything one could desire. In Chinese, "Da Hai" means "sea" and "Da



Da Hai Ding.

Dee" means "earth". Da Hai said that at the time, no one had considered the

and back. Da Hai, who is an under-graduate at WPI, and his younger sister Da Dee live in Shanghai, China. Da Dee has been ill with kidney disease since age two. Efforts are currently underway to bring her to the U.S. for treatment.

Da Hai provided some background information about his life in China. He grew up during the Cultural Revolution or "reign of terror" in China, which lasted ten years. During this time, all schools were closed and education was stopped. Educational leaders were sent to work in factories and farms. All cultural processes, theatre, drama, etc. were stopped. In short, the entire country came to a halt for ten years. Currently, China is quite stable. It is seeking peaceful relations and expansion of technological and scientific knowledge, welcoming outside help. President Nixon was the first U.S. president to visit China since the revolution.

Chinese city dwellers live in apartments or houses and usually work in factories, while those in the countryside are generally farmers. The cities and most of the countryside have electricity and utilities. There is television in the cities. Cars are owned by the government, but not by individuals. For entertainment, there are all types of movies. plays, concerts, etc. Schooling is much like it is here, with nursery school, grammar school, jr. and sr. high school, and college. One difference is that most factories in China have their own nur-

"Da Hai" means "sea" and "Da Dee" means "earth"

sery schools. Parents bring their children to work and leave them at the nursery schools for the day. A typical family going to work would consist of the husband riding a bicycle with his

Tau Beta Pi initiates 46

On Wednesday, November 18, the Tau Beta Pi Society initiated 46 new members during a ceremony held in Higgins House. Tom Villani, President of the organization presided over the ceremony along with the other officers, Dean vanAlstyne, and Dean Bolz. President Cranch was an honorary guest.

A reception was held after the ceremony at the William Paul House in Holden. A cocktail hour was followed by a choice of New York sirloin or stuffed shrimp dinner.

After dinner Professor Bennett Gordon addressed the society on his recent trip to Japan. While Gordon was in Japan, he investigated the industrial utilization of robotics. He talked about the future of robotics in American industry.

The initiates were broken down into teams and have begun to work on several projects. One group is conducting a survey of graduate students to see how well WPI prepared them for graduate school. Currently a video tape and slide show which explain Tau Beta Pi's goals and activities are being made. Also, on continuing the society's venture started last year, a survey was performed to determine the faculty's stand on the proposed test file. Results of the survey will be released soon. A tutoring committee is also working on arranging Q & A's and extra help sessions for freshmen.

Tau Beta Pi is the National Engineering Honor Society. In order for a student to be considered for membership certain grade requirements must be met, depending on one's class. Character, activities and school spirit are also criteria used in determining member-

The society's next activity will be the Annual Christmas Party to be held at the Religious Center this Thursday evening.

wife on the back holding a child.

Da Hai was just entering high school when the Cultural Revolution started. When the schools were closed, he was sent to a factory forty miles from his home. He lived in a dormitory at the factory and worked eight hour shifts six days a week. Da Hai acquired books and studied during the evenings in the dormitory. He was able to learn most of what he would have learned in high school, which enabled him to go to college. After attending Chiao Tung University in China for three and a half years, Da Hai came to WPI. His speech professor here, Kay Draper, taught him English of which he knew very little when he first arrived.

Da Dee Ding, Da Hai's sister, was under the care of a doctor before the revolution. During the revolution, her doctor was forced to guit practice. Da Dee was unable to receive any medical attention until after the revolution. During the revolution, she stayed at home and studied. Her English is, according to Da Hai, better than his, although she has never been to the U.S. She worked for a while as a translator, translating English into Chinese. Her health has deteriorated to the point where she can no longer work or study. Since the revolution, she has been under the care of a doctor and has been hospitalized several times. Da Dee enjoys playing Chinese musical instruments and painting. Da Hai remarked that she used to have some friends over on the weekends to paint pictures. At such times, their livingroom apparently resembled an art

When asked about his feelings toward the U.S., Da Hai said that there were good aspects and bad aspects, as is the very positive. He is overwhelmed by the compassion here for his sister and the concern which WPI has shown. The efforts of Mrs. Draper, Dean Brown, the Office of Student Affairs, all of the fraternities and sororities, and everyone else involved in the fund raising for Da Dee have given Da Hai a most impressive outlook of the U.S. Recently, a WPI student handed Kay Draper an envelope, saying it was to help Da Dee. When she opened the envelope, she found one hundred dollars. The student would not leave his name. Da Hai wishes to thank this individual for his contribution, which is greatly appreciated.

Da Hai attributes an atmosphere of intimacy to WPI, mainly because of its small size. He feels that students and faculty alike really care for each other, and that this concern is what gives WPI its character which he so highly regards. Da Hai would like to thank all those who have shown support for his sister and given his family a new vision of hope.

Financial aid applications available soon

Financial aid applications for the September, 1982 - May, 1983 academic year will be available at the beginning of Term C '82. As in the past, students currently receiving aid will find their application packets in their WPI mailboxes upon their return for Term C '82. All other students who wish to apply for financial aid for 1982-1983 academic year must obtain their application packets at the Financial Aid Office on the first floor of Boynton Hall.

The information contained in the packets is quite thorough and students are urged to follow the instructions and guidelines very carefully. If any questions arise, please contact the Financial Aid Office for assistance.

The deadline for submission of application materials is Friday, March 12, 1982. Applications may be submitted to the Financial Aid Office at any time prior to March 12th. Mr. Curley will be available in the Student Affairs Conference Room in the Wedge during the final two weeks (March 1st - 5th and March 8th - 12th) from 1 p.m. - 4 p.m. Once again, students may submit applications directly to the Financial Aid Office at any time prior to the final two weeks, and in fact, are urged strongly to

THE RELIEF E C. I. C.

avoid last minute lines and other result-

ing problems

Undoubtedly many students have read and heard about several changes in the Guaranteed Student Loan Program. For those students who are participants in the loan program there are three main points regarding the recent changes to

A student is not automatically excluded from the Guaranteed Student Loan Program simply because the combined incomes of the student and his parents exceeds \$30,000/year however;

2. If the student and his parents' income exceeds \$30,000/year the loan becomes a function of need, and therefore, if one plans to apply for only a \$2,500 guaranteed student loan a needs analysis must be performed before the loan application is approved and finally;

3. Essentially the loan program remains the same as in the past years for families with incomes under \$30,000, i.e., the Guaranteed Student Loan meets unmet need and can displace a portion of the family contribution.

Students should not hesitate to consult with the Financial Aid Office for any questions they may have regarding the Guaranteed Student Loan programs.

Two sets of chairmen to run

Soccom nominees speak out

Elections to be held Thursday



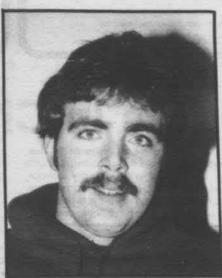
Chris Pappas.



Jim Morton.



John Lally.



Kevin Cavanaugh.

- 1. What role have you played on the Social Committee in the past and how will this help you in the role of Social Chairman?
- 2. What can the Social Committee do to get students to attend school functions on the hill over fraternity functions?
- 3. It is apparent that the CCS and Student Government are addressing the Issue of Spree Day. What do you think should be the Social Committee's role with concern to this event?
- 4. The Social Committee budget is about \$100,000. About 15% of this money is legally bound to support the yearbook. How do you think the student body wants the rest of the money budgeted? Is it feasible to spend it in this fashion?
- 5. The Pub used to be a major circle of campus activity. The drinking age changed and now activity in the pub has been drastically reduced and is mostly limited to happy hours. The big screen is a good attempt at diversifying pub activity. What else can be done?
- 6. At just about every major event the Social Committee takes a huge loss. Should this be expected? Is it unreasonable to think that for a major function the social fee be used only as a reserve and that those who go and participate in the event should cover the cost?
- 7. One way of combatting apathy is to unite the campus in an event. It is apparent that the Social Committee exists as a mechanism for doing this. How would you evaluate it's past performance in this role and how would you as Social Chairman, utilize the committee to improve it's performance?
- 8. Any comments you think are relevant:

ELECTRICAL ENGINEERS
JUNE GRADUATES
MICROPROCESSOR
DATA COMMUNICATIONS

Be a part of the exciting developments that are taking place in the data communications industry by working for a small company. You can become a vital member of a design team in months.

International Data Sciences in interviewing at Worcester Polytechnic Institute on December 18. Sign up for interviews at the Career Development Office.

International Data Sciences 7 Wellington Road Lincoln, Rhode Island 02865 (401) 333-6300

Pappas and Morton

- 1. We have both been members of the programming board for a combined total of 3 years now. Chris has been head of concert security for 2 years, and Jim has been Pub Entertainment co-chairman for the last year. By working closely with past social Chairmen and attending regional training seminars, as well as being Soccom members, we have both learned a lot about the effective running of a student activities committee.
- 2. One thing we think can help is better and more creative forms of publicity. However, we also would like to form a system of cooperation between the social chairmen of the Greek houses and the Soccom chairmen. If we could stop competing against each other we feel we could enjoy greater attendance at everybody's events.
- 3. The Social Committee should deal with the entertainment and activities for Spree Day. Any proposals or problems concerning security and types of entertainment allowed should be dealt with by the executive council. Soccom does not have the input or the power to attempt to put together a proposal for Spree Day '82, which we realized after the hassles and lack of communication we had that led to the disaster of Spree Day '81.
- 4. Soccom's yearly budget is 108,000. The only way we can sense the student body's approval of the way we have been spending this money is from reactions to our programs. In the past year no one has complained to us about the FORMAT of our programming. However, if any student has suggestions regarding programming, we'd be glad to hear it. Just come to our meetings Mondays at 6:30, or mail any information to box 2539.
- 5. (Jim) This has been the major challenge facing me on Soccom for the past year. We have done fairly well with the local bands we have been bringing in. We have some new ideas that you will see in the Pub C and D terms. Among these are a theme night, a revamping of the Gong Show night, a dress-up night, and a highly acclaimed guitarist. Unfortunately, if Chris and I are elected I will lose my direct input on the pub committee, but regardless of the outcome of the election I intend to make sure these new ideas are pursued for the pub.
- 6. The student social fee, currently \$45, is provided for the Social Committee to spend for campus entertainment. When we charge admission to an event, it is with the idea that any money taken in will help cover some of the costs of the event, not all. Presently, our only series that we break even with any regularity is the Reel Thing Film Series. The Fine Arts series is generally free, as are coffeehouses. On a good night in the pub we will cover half the price of the band. Major concerts and mixers are expected to be losses, along with the three theme weekends, homecoming, winter and Spring JP.

It is unreasonable to think of the social fee as a reserve. It is there for us to provide entertainment for the campus.

- 7. Soccom has had successes and failures in the past. The reasons behind these are not all apathy oriented. Publicity and the number of fraternity parties on any given night have been two major causes of these success and failures. One event that worked extremely well on other campuses but did not seem to be a "campus uniting" event at WPI was Dallas Night, which we had a year ago. As Social Chairmen, we would continue to look for new events that have proven successful elsewhere and that we feel would go over well at WPI. To improve the committee's performance we need more input from the student body to know how you want your.\$45 spent. One of our ideas to help this problem is a monthly Soccom newsletter/questionnaire to keep you up to date on what we're doing and events that the activities calendar misses, and to get comments and suggestions on what we've done and what you'd like to see.
- 8. Last year a total of 290 people turned out to vote in this election. For a campus of over 3000 students, that's a pretty poor turnout. Please make it a point to vote this Thursday in Daniels.

Lally and Cavanaugh

1. John: My interest in campus activities led me to Social Committee meetings freshman year and since second semester last year I have been involved in the Spectrum and Cinematech series as chairman of the committee. My responsibilities included selection of the Fine Arts events (Spectrum) and successful execution of the entire series. Being an active member of the Social Committee, I am further aware of the many other important aspects of campus programming.

Kevin: Since I've been here at WPII have been involved with the Social Committee. I began freshman year by providing security for major shows. Since then I have been actively concerned with the live entertainment on campus and have provided input where possible. Presently, I am a co-chairman on the pub committee and as such have had invaluable experience in dealing with different entertainment agencies. Our complementary backgrounds in Fine Arts and Contemporary Entertainment, together with the input we receive from a large crossection of students, will help us to best serve the interests of all WPI students.

2. John: One of the main problems associated with students going to fraternity functions instead of Social Committee events is the lack of communication between Social Committee and the fraternities. Whenever possible we should try to work together, especially on nights or weekends when there is a major event being put on by one of the groups. Over the past year the Social Committee has started to work more with the fraternities. At the beginning of the year we had a meeting between the Social Chairman and members from the different houses to discuss the scheduling of events and parties. We should continue to communicate with the fraternities and help each other out whenever possible.

Fraternity parties will always do well on campus but if we can get people to come to some of our major events they'll start to see that entertainment provided by the school can be as good a time as a fraternity party. Many students don't realize the quality of entertainment that is brought to campus for them. Besides major shows and pub entertainment the students' social fee is put towards a wide variety of entertainment that is provided each week for the WPI community to enjoy.

3. The Social Committee's role with regards to Spree Day should be to present input, through the Social Chairman, to the executive council. Last year we reviewed several proposals and, after getting input from members of the committee, we sent our proposals to the executive council. There were stipulations placed on Spree Day last year, that we were not aware of. Because of this the final proposal made by the executive council did not represent what nearly happened at Spree Day. Any final decision concerning Spree Day resides with the Office of Student Affairs and Mr. Reeves.

After a proposal has been accepted the Social Committee will be involved in the actual execution of the day. Since it is a major social event on campus it is the committee's job to run it.

There has been concern expressed by the executive council that Spree Day itself is in jeopardy. Recently there was an open meeting held concerning the future of Spree Day. All members of the WPI community received notices about the meeting but very few students and faculty showed up to voice their opinions. Because of this the executive council is wondering about just how concerned people are about the event.

4. Social Committee funds are divided among major shows, movies, special events, the Spectrum Cinematech series, Coffeehouse and Pub events. Admittedly few people attend all these events as they are scheduled throughout the week and are geared to different segments of the student body. Often times what some students would prefer to see on campus would not be feasible either financially or due to administrative restraints. As Social Chairmen it would be our job to represent student interest by receiving new ideas, evaluating the available options, and executing a successful event. The Social Committee is always open to new ideas and members, for without student involvement your great new idea may remain just that

(continued on page 10)

M.E., E.E., C.S. and Mg. E. Majors

Harris Corp.

Web Press and R.F. Communications Divisions On Campus Recruiting Wed. Dec. 16

Open House

Tues. Dec. 15 7-9 P.M. HL 109

Refreshments
Seniors and Underclassmen Welcome

CAMPUS CAPSULES

Senior input

Seniors, there is still time to get your ideas in for graduation speakers and for a band for the prom. Please mail them to Matthew Flynn, Box 1726, no later than December 15. Please remember that ideas for graduation speakers should be someone associated with science and technology.

Thanks

We would like to thank all of the fraternities and sororities that participated in the Phi Sigma Sigma Bowl-A-Thon last Sunday, November 15. The fundraiser was a tremendous success thanks to all the generous support we received. The pledged amount will be due the Monday after Thenksgiving, after which the winners will be announced.

Students with cars

The winter parking ban has gone into effect and the WPD is ticketing. Make sure you read the signs when you park.

Discount on discount books

Good Times 82 has over 100 discount coupons for restaurants, theatre, sports, travel, and bonus items. Locally it will sell for \$20.00, but the Office of Student Affairs has a limited number for the WPI community for only \$17.50. Stop in Student Affairs weekdays between 11:00 a.m. and 1:00 p.m. to browse through and purchase your copy.

SAB meeting tonight

There will be a Student Activities Board meeting on Tuesday, Dec. 8 at 7:00 p.m. in SH308. A representative from your club should be present. Please be prompt.

World House to open

The entire WPI Community is cordially invited to join in the celebration of the official opening of World House, the center for international students located on the first floor of 162 West Street. An open house will be held next Sunday from 1 to 4 p.m., offering an opportunity to tour the facility and meet many of the international students and friends. WPI people are encouraged to bring their families and international friends to this special event.

Concerts

Consortium Orchestra Concerts: Tuesday, December 8th, Anna Maria College, Foundress Hall, 8:30 p.m.; Thursday, December 10th, Clark University, Atwood Hall, 8:30 p.m.; Works by Vaughan Williams, Stravinsky, Bach, and Mozart.

Cinematech tonight

Cinematech presents "Image Before My Eyes", a feature length documentary about the cultural heritage of the Polish Jewry before 1939, tonight at 7:30 in Alden Hall.

Mass today

Roman Catholic Mass celebrating the Feast of the Immaculate Conception will be held today in Kinnicutt Hall at 5 p.m.

B-ball on cable

WPIC-TV will televise WPI varsity basketball on campus and via Teleprompter Cable TV this season. The games will be taped, in color, both at home and away and will be played by tape-delay during the following week. On campus, the weekend games can be seen Monday through Friday at 11 a.m., and at various times on cable TV depending on its program schedule.

Railroad seminar

Seniors Mark Beckwith and William Houlihan will present "English Channel Tunnel" on Thursday at noon in HL 101.

Math colloquium

Dr. J.M. Borden of the mathematical sciences department will speak in Stratton 202 on Thursday at 4 p.m. He will present "An Introduction to the Problem of Error-free Communication: Error-correcting Codes".

Christmas vespers

Christmas Vespers will be held on Thursday afternoon, December 15 in Alden Hall. Participating musical groups will be the Women's Chorale, the Men's chorus, and the Brass Choir.

Wuthering Heights

The 1939 film version of "Wuthering Heights" by Emily Bronte will be shown in Kinnicutt Hall on Thursday at 7 p.m. The cast includes Merle Oberon, Lawrence Olivier, David Niven and Donald Crisp.

Jim Tirabassi Presents NEW ENGLAND



Friday, Dec. 11

7:30

E.M. Loew's Worcester, MA.

\$7.25, \$6.25

Tickets Available At

E.M. Loew's Box Office 755-5252

Garcia Ticket Agency, Main St., Worcester 755-8855

Music Box, Fitchburg, 340 Main St. 342-4465



Head's-Up Boutique, 531 Broadway, Lawrence 682-1032 Box Charge 755-5252 (MasterCard and Visa accepted)

In Cooperation With Silver Fox Productions

The WPI Management Society invites all to come to their Christmas celebration on Tuesday, December 8, 1981, beginning at 4:00 — Happy Hour — in the Pub. We are proud to present "Between The Buttons" who will keep you entertained throughout the afternoon and night. Major door prizes to be raffled off include wine and champagne. These raffle tickets are free but you must be present to claim your prize. That's December 8, 4:00 in the Pub.

Choices on view in GL

The Gordon Library exhibit for December and January will consist of photographs by former WPI student, Barry Aronson. Aronson became interested in photography while Sports Editor of Newspeak, in 1977 and 78. With the opportunity to use the Institute's camera equipment and darkroom, he learned photography in a short period of time.

After leaving WPI, Aronson freelanced for a year, and then completed his degree requirements at Worcester State College as a media major.

In December, 1980, Aronson had his first one-man show, at Worcester State. He then held a position as photographer with Marvin Richmond Studios in Wor-

cester. Since August, he has had his own studio in Boston, and does freelance, fashion, and commercial work. Aronson has exhibited at the Worcester Public Library and Worcester galleries. His show "Choices" at the Gordon Library consists of a large array of different subjects, including street photography, abstracts, natural scenes, portraits, and nudes. Of the show, Aronson says: "The commercial work that I had been doing was to please other people. I wanted to do something just for myself and with that thought picked my favorite images for the WPI show." The photographs in the exhibit were taken with a 35 mm single lens reflex camera and a 4 x 5 view

ENGINEERS

Gulf Oil Corporation, a major energy company, has job openings for all types of graduating engineers who are interested in building a career in crude oil and gas producing operations.

Duties include drilling, equipment installation and maintenance, subsurface reservoir studies, economic evaluation of producing properties, well stimulation and reconditioning, and enhanced oil recovery operations.

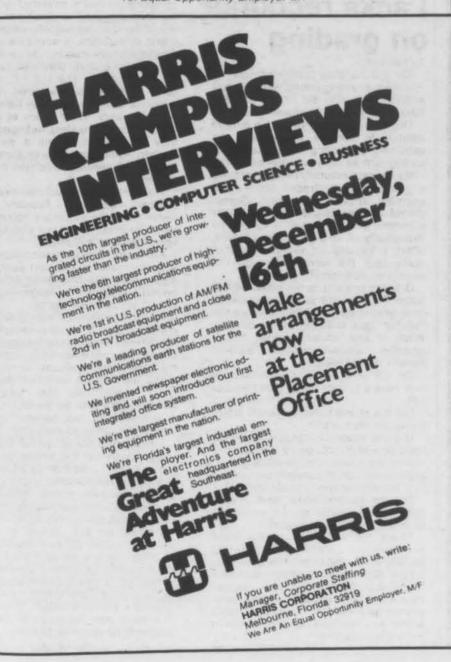
Training courses will be provided to accelerate career development in oil and gas producing and drilling operations. Positions are located in Gulf Coast, Mid-Continent, Rocky Mountain, and West Coast areas. Excellent employee benefits.

If you have interviewed with a Gulf Recruiter or have sent us a resume, thank you very much. If you have not, please send your resume and transcript to:



J. R. Ligon, Jr.
GULF OIL EXPLORATION
& PRODUCTION COMPANY
P.O. Box 1166
Pittsburgh, PA 15230

An Equal Opportunity Employer M/F



Langley has characterizations on target

by Skip Williams Newspeak staff

Last Thursday, the Humanities Department presented Noel Langley's "The Pickwick Papers", a 1954 adaption of Charles Dickens' novel of the same name and the second of their series of Novels on Film. The film and the novel tells of the adventures, or rather, the misadventures, of Mr. Samuel Pickwick and his colleagues as they journey through England.

The film is quite entertaining and, at times even hilarious; however, as far as plot is concerned, the film seems to stray from Dickens' novel and in doing so, its story seems to jump from place to place, confusing the elements. The fact that the film doesn't remain true to Dickens' story is its major fault. There are many scenes in the film which directly conflict with those in the book. Another conflict is in the pacing. Dickens' pacing is quite

50 MEN NEEDED FOR SHORT TERM STUDY

Earn \$80.00 for participation in a National Institute of Health supported research study of Biological and Psychological Correlates. The men selected must be between the ages of 18-23 years. If you are selected, completion of the first Phase will pay \$40.00. Phase I requires three, one hour appointments. Phase II requires a half-day, from 8:30 AM to 12:30 PM, and will pay an additional \$40.00.

brisk with Mr. Pickwick and company getting out of one mess only to get into another, but Langley paces his movie not as well as Dickens does his novel. Langley's pacing starts off well, but then gets bogged down when he tries to introduce a moral into the film.

The main thing the film has going for it is that many of the characterizations are right on target. Many of the characters seemed to have walked straight from Dicken's pen and paper to Langley's camera and celluloid. James Hayter portrays Mr. Pickwick as the kindhearted and innocent gentleman he is. James Donald plays the bumbling sportsman, Mr. Winkle. Alexander Gauge and Lionel Murton play Mr. Tupman, the somewhat overweight ladies' man, and Mr. Snodgrass, the rather thin poet. Nigel Patrick fast talks his way through his role as Alfred Jingle, the strolling actor and nemesis to the four Pickwickians. All these actors portray their characters true to Dickens' intentions, but there are some portrayals in the film that aren't true to Dickens' intentions. For example, Harry Fowler portrays Sam Weller, Mr. Pickwick's valet, as an obnoxious clown rather than the wise-cracking manservant he was in the book

This film is a good one. It has many laughs and it also has a certain charm about it which makes the moviegoer leave the theatre feeling good inside. This film, however, doesn't seem to want to follow the story the way Dickens wrote it. Therefore, as a film, Noel Langley's "The Pickwick Papers" is a good one, but as an adaption of Charles Dickens' The Pickwick Papers, it's not so good.

Ligh Powered Careers in Microwave Communications

Microwave communications is one of America's tastest growing technologies. And at the forefront of this field is M/A COM, inc., one of America's leading high technology companies with well in excess of \$500 million in annual sales.

M/A COM is a unique association of over 20 companies offering a total telecommunications capability from materials and semiconductors through complete, state-of-the-art, large-scale systems.

If you are a candidate for a BS, MS or PhD in Electronic Engineering, M/A COM Components Companies can offer you something very special: a challenging career in a small company environment backed by the stability and resources of a major corporation. You'll enjoy leading-edge sophistication in your work plus the visibility, growth opportunities, diversity of assignments and early-on responsibility only smaller companies can offer.

The MIA COM Components Group consists of 12 companies with literally thousands of product lines to challenge your talents. Openings are available in Greater Boston, Southern New Hampshire, Long Island, New Jersey, Tempe, Arizona, and Southern California.

WORCESTER POLYTECHNIC INSTITUTE INTERVIEWS FRIDAY, DECEMBER 18

The M/A COM Components Group will be conducting interviews on Friday, December 18

Please contact your Placement Office to arrange an interview.

If unable to attend our campus interviews, piease forward your resume and a cover letter describing your career plans, to: Manager, College Relations, c/o Microwave Associates, inc., Building # 7, South Avenue, Burlington, MA 01803.

An Equal Opportunity Employer M/F/H



Editorial

Quick, wake up and act!

Several actions have taken place recently in reference to many campus activities that have left many members of this community frustrated. Here are some examples: 1) A threat of throwing glass in the jello at IFC weekend to prevent jello wrestling from occurring, 2) A protest of the arms race at a recruiting seminar, 3) The mysterious disappearance of the Home Coming Queen contest, 4) Finally, the recommendation that Spree Day be canceled. It is unreasonable to think that a typical student would put up with this, but apparently he currently is.

The fact is that if a student has a gripe — if he or she thinks an event is degrading, immoral, or ethically wrong, then one should speak out. There are many avenues available for each and every student to express their gripes. Unfortunately on this campus protests and cheap shots have replaced the positive action of open discussion. It is time to start exercising

If only 50 people care enough to show up at a meeting to decide the fate of Spree Day (an event that annually affects the lives of over 3500 people) then it is clear that Spree Day should be canceled. Everyone is willing to complain about Spree Day but no one is willing to act. Does a person have a right to do this? Clearly one's whole heart cannot be in the complaint if the

complaint is not worthy of one's own action.

Just think of the situation this way — A person hits a nasty fly that was swarming around him as he was sleeping during a warm summer night. He put what he thought was his maximum effort into the swat, but he didn't kill the fly. It could no longer fly, but it still had the ability to hum. So the humming persisted and the disgrunted sleeper got annoyed. The sleepy fellow just gave up and tried to go back to sleep. In turn the fly kept humming as it gradually died a slow death. By morning, this person got up, picked up the dead fly, and flushed it down the toilet.

Now think of Spree Day as the fly. Last year it had its wings plucked. "A" term it hummed and now the CCS is ready to flush it down the toilet. the rest of the student body better wake up this morning before the fly stops

So after reading this little analogy, if you care, you should start participating as well as complaining. Three positive actions one can take this week are 1) attend the CCS meeting, 2) vote in the Social Committee election this Thursday, and 3) express your opinion in Newspeak next week.

Letters Policy

WPI Newspeak welcomes letters to the editor. Letters submitted for the publication should be typed (double spaced) and contain the typed or printed name of the author as well as the author's signature. Letters should contain a phone number for verification. Students submitting letters to the editor should put their class year after their name. Faculty and staff should include their full title. Letters deemed libelous or irrelevant to the WPI community will not be published.

The editors reserve the right to edit letters for correct punctuation and spelling. Letters to the editor are due by Noon on the Saturday preceding publication. Send them to WPI Box 2472 or bring them to the Newspeek office, Riley 01.

The student newspaper of Worcester Polytechnic Institute Box 2472 WPI, Worcester, Massachusetts 01609 Phone (617) 793-5464

photography editor John Mar

editor-in chief Jim Diemer

faculty advisor Kent Ljungquist

(USPS 535-480)

sports editor

business manager Mary Montville

advertising manager

Joe Grimes Lisa Longwell circulation manager Mike Balinskas

Mike Wong associate editors

graphics editor Scott Daniels

Debbie Allen Steve Knopping Joan Marler Eric Schade

Mike Beach

Rich Bibbins Louis Castriotta Mark Christenson Mark Cohen Paul Cottle Greg Dearborn Duke Dalton John Delaney **Bob DeMattia** Steve Demers

Annamaria Diaz

Greg Doerschler Shauna Donovan Dave Drab Doug Fraher Rich Goldberg Marion Keeler Larry Leung Anne McGurl Jack Nickerson Maureen O'Brien Walter Plante

Tim Roesch Stephen D. Rogers Kevin Santry Maureen Sexton Ingrid Slembek Geoff Strage Bob Sweeney Bob Thivierge Dave Wall Skip Williams Resa Williamson Chris Wraight

WPI Newspeak of Worcester Polytechnic Institute, formerly the Tech News, has been published weekly during the academic year, except during college vacations, since 1909. letters to the editor must be signed and contain a telephone number for verification. WPI Newspeak is a member of the Columbia Scholastic Press Association. Newspeak subscribes to Collegiate Press Service, Collegiate Headlines, and National On-Campus Reports. Editorial and business offices are located in Room 01, Sanford Riley Hall at WPI. Copy deadline is noon of the Saturday preceeding publication. Typesetting done by Laplante Associates. Printing done by Enterprise Printing and Graphics Company. Second class postage paid at Worcester, Massachusetts. Subscription rate is \$6.50 per school year, single copies 50 cents within the continental United States. Make all checks payable to WPI Newspeak.

LETTERS

Parity not neutrality

When I delivered my letter to the editor (concerning the conscientious objector) for publication in the Nov. 17 issue of Newspeak, I knew it would be subject to much criticism. Since I am open minded and always open to suggestion, I was worried that a person with views contrary to mine would back his opinions up so well that I would have to reconsider my position.

This was not the case. Of the three letters directed against me, one was the result of a misunderstanding (Prof. Dunn) and the other two (Kaplan and Fife) seem to have simply missed my point. Kaplan and Fife twisted my letter around and interpreted it to their conveneince. I believe I gave sound reasoning to back up my views but neither acknowledged this reasoning.

up my views but neither acknowledged

this reasoning.

All Americans have their own conception of what the United States stands for. I don't consider the U.S. protecting its interests abroad as "bullying." Consider that the responsibility of maintaining the free world rests on the shoulders of the U.S. We're talking about a way of life freedom of religion and speech - that we cherish. I've been condemned for promoting a policy of "bullying" the world in order to avoid "inconveniences" to our country. Well, doing without these natural resources are not mere inconveniences. Some of these minerals are necessities whose inavailability to the U.S. would prove disasterous to our economy

Recall that in my last letter I said, "in the long run our military strength is proportional to our economic strength." If our economy goes, the military will soon follow and then you can kiss the free world goodbye. Mr. Fife, do you think the Soviets are exerting themselves in Africa because of the ocean-

front property?

Also realize that our "bullying" gives a tremendous boost to the economies of these underdeveloped countries. Without our technology, they wouldn't even be able to market their valuable minerals and their economies would suffer great-

Lacks recourse on grading

To the editor:

IQP and the "slow comfortable screw" Is there anything wrong with projects at WPI? YES. Why did I come to WPI? PROJECT WORK. Confused? Me too.

This letter is being written in a futile attempt to console myself after an extremely frustrating experience (reasoning with an unreasonable advisor).

My concern naturally revolves around a grade. "What? Grades don't mean anything at WPI, you say" Project grades do. How should an advisor grade a project group? Should it be graded individually or as a group, on content, effort, originality, or whether the students lead the advisor through the project or vice versa?

Grading projects is not objective but subjective. It seems as though students' (me) grades can be determined by the 'whims" (gut feelings) of the advisor. What, if any, recourse does gruntled (understatement) student have? I do not know.

On the other hand, did the student ever have a chance for an AD? Perhaps

Did the student choose which group he would work with?

Did the student choose the project topic or was it outlined by the advisor? Can the advisor be unknowingly incompatible with the students?

Is the advisor overly domineering? Did the student know what, if any, criteria his particular advisor would use to determine his final grade?

These are just a few of the many questions that come to mind concerning project work. These are the questions future IQP students should consider thoroughly. Otherwise, "sour grapes" may make you feel as I do that your advisor gave you the "slow comfortable screw" and you have no recourse but to write a useless letter

Daniel R. Head '82

Ami Kaplan twisted my article, particularly the analogy about the fight in the bar, to make me appear as a warmonger. Correct me if I'm wrong, but Ami seems to have the notion that our military defense is adequate simply because we can blow the world up ten times. As the Soviet Union and United States vie for control or alliance of third world countries around the globe (for reasons I've made very clear in my last letter), the two superpowers consider the limited nuclear/conventional war strategy and strength of the other superpower much more than their ability to fight a fullscale nuclear war.

Recall Ms. Kaplan, that the purpose of my analogy with the fight in the bar was to point out that the U.S. cannot negotiate with the Soviet Union from a point of weakness. Our country is simply trying to make it very obvious to the Soviets that a nuclear war cannot be won on any level - full-scale or limited.

The Soviet Union, due to Reagan's policy and their own ailing economy, are now willing to negotiate arms limitations. Do you think they would still be willing to negotiate with us if they didn't think our country would continue to strive for parity in nuclear arms? They realize now that our government is not going to allow them to widen their margin of strength over us, so they're willing to negotiate.

In the simple matter that Ms. Kaplan calls for disarmament, it appears as though she is unaware of world tensions and struggles. She and all those protesting Europeans object to Reagan's new nuclear weapons policy, i.e. missiles designated for limited nuclear war. This new nuclear arms policy is prompted by the Soviets' ability to fight a limited nuclear war - one which they believe they can win. They seem willing to suffer the great damage associated with nu-

clear war. It seems almost fashionable these days to scream for unilateral disarmament. And although this would be a great thing to happen and pleasing to all, those who call for this process should realize the complications involved.

From 1960 until very recently, the U.S. nuclear arms policy, as stated by Nixon, was one designed to deter war. Never would the U.S. use nuclear weapons on a first strike basis. It would be used in retalliation only, thus being a deterrence to any other country that used it against us or our allies. The U.S.S.R. on the other hand, have developed nuclear weapons to use in what they believe are winnable wars. Their policy as stated, calls for use of nuclear weapons when they are needed to win a war. The Reagan administration was alarmed at this and are seeding to achieve parity in

The question now is, are we closer to a nuclear holocaust? Possibly, but weren't we also in danger before Reagan's decision, when our country was very inferior in this area.

All we can hope for is successful arms reduction talks in the next year. Once again, I'll stress that these arms talks probably wouldn't be happening if the U.S. didn't strive for parity.

As for Prof. Dunn, I apologize for my definition of U.S. national security policy. Where I meant to use the word parity or balance, I used neutrality. Dunn read my letter carefully enough to see that it didn't jibe with the rest of my paper.

And I won't say that "striving to achieve parity with the Soviet Union" in a definition of our national security policy, but rather a broad aim.

I hope this correction of my word usage clears up the ambiguity of my letter. I might add that parity with the U.S.S.R. is not confined to our defense capabilities only. It also includes the level of influence and control that each country has around the world.

Prof. Dunn was unsure of what I advocate as U.S. policy in my last letter. Between the two letters, I think he can draw a conclusion now. I am interested in hearing his view of American policy as he did a good job of criticizing mine but offered no ideas in return. From what I've heard from his students, he would probably be very enlightening.

(continued on page 12)

COMMENTARY

On robbery

by Dave Wall Newspeak staff

When you come right down to it, robbery is your most basic crime. All the evils of our society can be thought of as thefts of one form or another. Murder is the theft of life, larceny is the theft of property, oppression is the theft of freedom, and so on down the line. If one wished to get philosophical about the whole business, one could classify everything from war to shoplifting under the general category of someone taking something from someone else

course they were to get a lot bigger. And no one really wants that. Easygoing as the Campus Folice are, it is univerving to see the cruiser prowling the Quad at late hours, and the thought of one being stationed at every turn and beacon would no doubt drive us all insane. And if we were to have all these blueuniformed types running about, we would have to provide their salaries. Which would increase the institution's operating expenses, which would inevitably lead to a rise (slight, perhaps, but noticable) in the cost of getting an education here.

Go up to the average person who has been robbed, and many of them will tell

Forest because of the fog

by Stephen D. Rogers Newspeak staff

I sit here at my desk despondent. This evening I have a calc module to know, a program to write and get running, and a philosophy essay to understand. I of course don't want to do any of it, just sit at my desk and pretend to be asleep. But things must be done, and so I raise my spirits and get the blood going again with a cry of "Lehr and Kunst!"

Now many of you are probably trying to fit all the foreign dirty words you know into that phrase, which just goes to show how we don't really see the world around with a little "Lehr und Kunst" in little letters. Traveling in my own version of fog, I wanted to know what this little phrase meant, so I hiked over to Boynton Hall. Popping in and out of offices, I asked anyone I could find if they knew what the phrase meant - no one did. Something is wrong here.

Then there are the bathrooms in Stoddard. There are three sets of dowels (for towel and robe), three shower heads, three urinals, three stalls - and five sinks. I can't handle that at 7 a.m. Has anyone noticed the parking lot?

OUT OF TURN

If one glances at the police log for this issue, one notes what could be called an epidemic of break-ins. Impartially speaking, one notes that this is an almost annual event, expecially in a college city like Worcester. However, thanks to the relative efficiency of our Campus Police and the vigilance of the W.P.I. student in general, thieves would have a difficult time making a living here.

Sadly, however, our campus is far from an impregnable fortress, as the police log shows. And there is no one really who can be blamed for that. The Campus Police can not be everywhere, after all, unless they grow to proportions normally associated with groups like the Gestapo. The newly instituted Security Patrol is a good idea, but of course, the students who make it up probably bolted for home come Thanksgiving as fast as the rest of us did. One could almost compare us to some place under siege. And when we all go home for one reason or another, there is no one to man the

No doubt the more cynical among us are ready to leap on the back of the Campus Police, especially if they are the ones broken into. But as I said earlier, they could not be everywhere, unless of you that losing whatever was stolen was not as important to them as the principle of the thing. And there is a principle involved here. No matter where you are living, be it off-campus apartment, fraternity, or residence hall, the fact that you are occupying those quarters embodies them with a certain sacredness. The old 'a man's (or woman's) home is their castle' applies. That is your space, your niche in the universe, and no one should be treading in and out of it without your permission. It is an unfortunate symbol of our times that we must employ large police forces in an attempt to make the principle hold. That is the real outrage of being robbed. The fact that your T.V. has disappeared is not so deep a wound as the fact that someone would have the nerve to enter your sanctuary and snatch something from it

Well, I've done my ranting and raving about something else, and once again I find I don't have any real solutions to the problem. That's not so bad; I'm just here scrambling for knowledge in the hopes of getting an E.E. degree. The thing that is troubling is that the people who are paid to have the answers don't have any,

RANDOM RAMBLINGS

us because of the fog we travel in imposed by the sheltering academic world. (Yes, cramming a paragraph into a sentence for fun and profit.) We get so fogged-in that we don't see the forest, and don't even question the trees. (This probably makes no sense unless you know the proverb "Can't see the forest because of the trees" or its sister proverb "Can't see the forest because I tripped over a damn root and I'm rolling around, writhing in pain.")

One of these so-called un-seen trees is "Lehr und Kunst;" this apparently inane phrase is actually our school motto. I was sitting there drinking a cup of coffee - not that I have an illegal hotpot, I drink it cold using the water from my 15 cubic foot refrigerator which I have cleverly disguised as a roommate - and looking atmy mug, saw a little emblem with a little banner inscribed Most people see the yellow grids on the large expanse of pavement and figure out that this is a parking lot there. But then of course WPI can't keep it that simple or logical, they paint the word "PARKING" every few yards

How about the sidewalks? Every so often there is a cement square with "WH" engraved in it. Why?

Then there's this person with trench-

coat and un-lit pipe

So what do you want? I've had a terrible week - do you know what it's like down here in Commentary? Sure, they did give me a real story once, but before I got a chance to write it up, someone else did. Okay fine, l'Il write up the CCS meeting in my own way don't think that news should be cluttered and complicated with trifles such as truth and facts - but they said it wasn't needed. Newspaper Hell.



Worcester Polytechnic Institute Worcester, Massachusetts

Competency Exam Results for October, 1981

Department	AD	AC	NR	Total	Repeats	Passed
Chemical Engineering		-	-	***		
Chemistry	0	2	1	3	0	0
Civil Engineering		(900	***		-	
Computer Science				-	-	
Electrical Engineering	4	11	5	20	5	3 .
Humanities			-	~	-	
Interdisciplinary	0	0	1	1	1	0
Life Sciences		-				
Management	0	2	0	2	0	. 0
Mathematics	-	**		***		
Mechanical Engineering	1	12	12	25	8	2
Physics	0	1	0	1	0	0
Totals	5	28	19	52	14	5
(10%)(54%)(37%)						
		(63%)			

Academic Schedule Revised

A reminder to all concerned with planning for the Terms of the Spring Semester. The calendar which appears in the current Operational Catalog has been slightly revised and the new schedule is as follows:

Monday	, January 25	Enrollment Day, Terms C & D		
Tuesday	, January 26	First Day of Classes, Term C		
Tuesday	, February 16	Academic Planning Day, Project Planning Day (Special Schedule — No Classes)		
Tuesday	, February 23	Prescheduling Deadline (Regular Class (Schedule)		
Tuesday	, March 16	Last Day of Classes, Term C		
March 2	2-26	Competency Examination Period		
Tuesday	y, March 30	First Day of Classes Term D		
Tuesday	y, April 13	Final Project Registration Deadline, Project Proposal Day (Special Schedule, No Classes)		
Tuesda	y, May 18	Last Day of Classes, Term D		
Friday,	May 21	Deadline for Completion of Degree Requirements Forms in Registrar's Office		
Saturda	y, Nay 29	Graduation		

The major effect of the changes is a one day shift to start and end terms on Tuesday instead of Wednesday and to improve scheduling balance. For similar reasons, the Academic Planning Day has been moved from February 10 to February 16, and the Prescheduling Deadline from February 16 to 23.

Philpot, Walls named to All Tourney Team

Men's basketball takes city tournament

by Rich Goldberg Newspeak staff

This past week saw the beginning of another season for the WPI Men's Basketball Team. But, using the three games played thus far as an indicator, one may surmise that this is not going to be any ordinary season.

The Engineers got off to a flying start by winning all three games while displaying characteristics not seen on the WPI team for quite a while. On Wednesday, the team rallied from thirteen points down in the first half to defeat Wesleyan 93-83. Then on Friday and Saturday, WPI won its own tip-off tournament by demolishing Worcester State 102-78 and then coming from behind again to subdue cross town rival Clark 88-78 for the tournament championship.

The scores may lead one to believe that the 3-0 start came relatively easy; but anyone who saw the first half of the Wesleyan game will tell you differently. On the strength of eleven early points by forward Steve Maizes, Wesleyan raced out to a 35-22 lead, appearing incapable of doing any wrong.

With two and a half minutes left in the half, the Wesleyan lead stood at 41-29 and Coach Ken Kaufman was admittedly just hoping "that they could cut the lead to less than ten points by halftime." The Engineer team out on the court (Russ Philpot, Ed Walls, Fran Ward, Chris Roche, and Freshman Orville Bailey) had an even better idea. Employing a full court press, the team outhustled the Wesleyan five into mistakes and missed shots. WPI took advantage of each one on the offensive end of the court.

Two minutes later, with but 30 seconds left in the half, the Wesleyan lead was suddenly a slim 43-41. An exchange of free throws left the margin the same as the opponents clung to a 45-43 halftime lead. The bulk of the WPI scoring came from Philpot (17 points) and Walls (12 points).

The momentum had obviously swung in favor of WPI and the team came out fired up for the second half. It took only thirty seconds before a Fran Ward jumper tied the score at 45. Wesleyan was not about to give in either and the score bounced back and fourth for the

next eight minutes. At this point, Freshman Gregg Fiddes made his first trip of many to the foul line and canned two free throws to give WPI the lead for good at 61-59. A 16-7 surge sparked by eight more Philpot points then pushed the Engineer lead to an insurmountable 77-66 margin with five minutes left.

Wesleyan's only hope now was to foul and hope that WPI would miss the one and one opportunities. In the past, this might have made Tech fans worry, but not this year. After a free throw shooting clinic by Fiddes (ten of eleven from the line), the exultant Engineers departed Middletown, Connecticut with the 93-83 victory. Philpot ended the night with 27 points and 12 rebounds, while Walls added 22 points and 5 assists. Fiddes ended up with 14 points all in the second half. Jim Petropoulos chipped in with 9 rebounds and 3 blocked shots.

On Friday and Saturday, WPI played host to the first annual Worcester Four Home Federal Savings Tip-off Tournament. The matchups were Clark vs. Nichols and WPI vs. Worcester State. In the first game, Clark looked as strong as ever, disposing of Nichols to the tune of 92-81. This meant that, depending on whether they won or lost, the Engineers would either advance to the championship game with Clark or to the consolation game with Nichols.

The question of which game WPI would be playing in was only in doubt for a few minutes. Worcester State took their only lead of the night at 2-0 and from there it was all downhill for the Lancers. When a Worcester State field goal made the score 6-4, the score was close for the last time. Over a stretch of five minutes, WPI put on a 20-0 show for the home crowd, twelve of the points coming from Russ Philpot.

With the game less than one quarter over, and the Engineer offense already in cruise control, only two questions remained. Could the home team keep aware enough on the court and would they score 100 points? The answer to both questions was yes. From a halftime score of 48-36, WPI never allowed the opponents to get closer than nine points away.

When the buzzer sounded to signify the end of the game, the final tally read



Fran Ward goes to the hoop for two.

WPI 102, Worcester State 78. The Engineers placed twelve players in the scoring column led by Philpot and Walls with 26 and 16 points, respectively. Both Philpot and Walls each added seven assists. Chris Roche played another strong game adding 14 points, while Jim Coyne scored 11 second half points to bring his game total to 13.

The scene was then set for the great rematch, WPI vs. Clark in the tournament final. In the Engineers final home game last season, these two teams battled to a 66-63 Clark victory in front of a Harrington crowd of 2000, all perched on the edges of their seats. This time the crowd and excitement matched the previous encounter, only the result was a little different.

The first half was very closely fought with a total of nine ties and six exchanges of the lead. The Clark height advantage, enabling them to outrebound WPI and get extra shots, was countered by the accurate shooting of . When the Cougar to a zone defense early in an effort to shut off Philpot on the inside and force the home squad to shoot from the outside, (which had caused many problems for WPI last year), Coach Kaufman countered with his sharpshooters Orville Bailey and Chris Roche off the bench. Clark knew about Roche's shooting ability but they had yet to see Orville (better known as "instant O") in action, and when he hit on his first three shots, all in the twenty foot range, Clark must have sensed that they were in for a battle.

Behind twelve first half points from Mike McGee and a Don Roberts' hoop with four seconds left in the half, Clark took a 38-34 lead into the locker room at halftime. The four point edge represented the largest lead of the game to that point.

The second half started on a shaky note for the Engineers, as Clark scored the first five points to assume a nine point lead. The deficit went to as much - Steve Knopping.

as ten at 49-39, but the Engineers didn't give up. The crowd began to pick up and the home team began to press. From the short side of a 53-45 score with fourteen minutes left in the game, WPI went on a 21-4 spurt to assume a 66-57 lead.

This surge included six points from Ed

This surge included six points from Ed Walls and five from Orville, including a three pointer that left three Clark defenders standing with their shorts around their ankles. Continued strong play form the quintet of Walls, Philpot, Bailey, Roche, and Ward never allowed Clark to get closer than five points from this juncture.

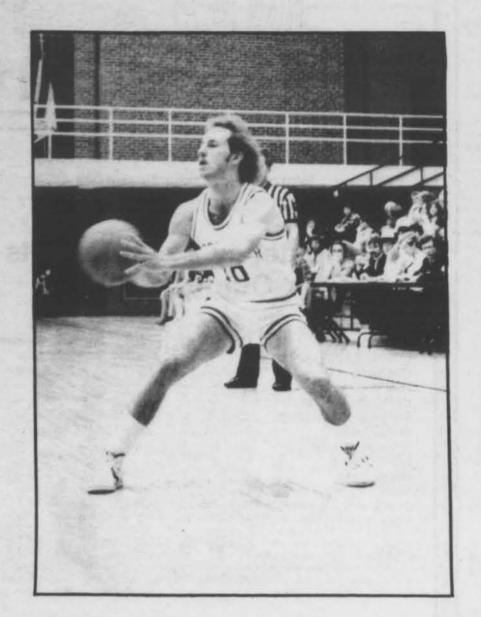
Clark tried to press and get the ball but this just resulted in eight inside points for Fran Ward. When the Cougars tried to foul, Ed Walls cooly hit four foul shots and Orville hit five. This balanced some later three point range shots from Dan Trant, who might have shot from out of bounds if allowed and accounted for the 88-78 final.

The scoring attack was led by Ward and Bailey with 20 points each, followed by Philpot with 18, Walls with 14 and Roche with 11.

At the games conclusion, the championship trophy was presented to the WPI team and Russ Philpot and Ed Walls were named to the All Tournament team. Walls was quick to pass off the credit for the big comeback saying; "...it was Orville and Chris doing a good job against the zone and Franny's overall play that kept us in there."

Coach Kaufman was naturally pleased with the week's events. "Its nice to be 3-0 and even nicer to beat Clark, because of all the close games we've lost to them."

The team has been very impressive thus far, averaging 94 points a game and shooting 54 percent from the floor and 73 percent from the line. Russ Philpot and Ed Walls have combined to be perhaps the best roommate combination in WPI history, now averaging a total of 41 points, 14 rebounds, and 9 assists per game.



Ed Walls, team assist leader, passes to an open man. — Steve Knopping.

Five straight wins

Hockey Team Undefeated

by Steve Demers Newspeak staff

The WPI icemen have started off their season recording five straight victories over Massachusetts College of Pharmacy, Brandeis University, University of Hartford, the Coast Guard Academy, and Wentworth Institute of Technology.

The Engineers started the season off on the road destroying Massachusetts College of Pharmacy by a score of 10-3. From the opening face-off to the final buzzer, WPI dominated the game. Freshman Todd Guay appearing in his first game for WPI scored the opening goal with his first of two goals for the night.

The rest of the game can be best described as a deluge of goals with two coming from co-captains George Oliver and Jim O'Keefe. Also scoring for WPI were Mike Horgan, Paul Fortier, Andy Hodgkins, and Paul Huehmer.

Brandeis was a different story. Tech icemen outshot Brandeis 16-7 in the first period and 12-3 in the second period, but found themselves losing 0-2 going into the third period. It appeared as

though Brandeis goal tender Price could not be beat. However, Horgan took a pass from Oliver and blasted a shot by goaltender Price two minutes into the third period. Peter Millett beat Price up high to tie the game at two apiece from O'Keefe forcing the game into overtime.

WPI started off the overtime period shorthanded. However, 19 seconds after killing the penalty, Ken Lovegreen scored the game winning goal from O'Keefe and Millett.

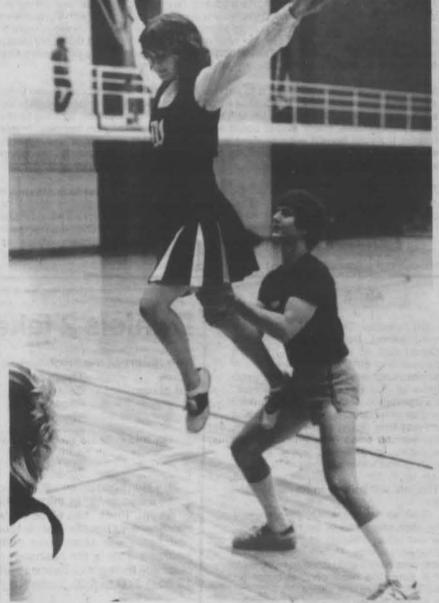
WPI Hockey skated all over Hartford winning 11-4 in their first home appearance. Ken Lovegreen scored his first of three goals for the day 24 seconds into the game. George Oliver also recorded a

the game. George Oliver also recorded a hattrick while Mike Horgan picked up two goals and Mike MacQueen, Bill Fleischer, and Peter Millett each scored

Coast can be best complimented for at least holding WPI to single figures. Lovegreen scored his first of this game's hattrick eleven seconds into the game. Goals were added by Millett and Tim Smith in the second and third period respectively.

Wentworth proved by far to be the most difficult and challenging game of the season. Considering that they had 140 players tryout for the team, Tech knew that they would be good. Sure enough, in the first minute and a half, WPI found itself down 0-2. However, by the end of the first period the score read 3-2 WPI thanks to goals from Jim O'Keefe, Randy Brown, and Mike

Splaine (first of his hattrick). Ken Lovegreen scored a power play goal, but then Wentworth came back with three straight goals stealing the lead. Paul Huehmer tied the game at five apiece for Tech but Wentworth again took the lead. However, the WPI icemen tied it up thirteen seconds later on a goal from Millett and Randy Brown at 17:13 in the third period to win the game 7-6.



- Jack Nickerson.

by Jack Nickerson
Newspeak staff
Last Friday night, a new dimension
was added to the WPI Cheerleading
Squad. For the first time in recent

history, four male cheerleaders performed with the girls.

The four freshmen, Roy Kaplan, Dave Olson, Jim Sahadi, and Gary Elias, have been practicing lifts and other acrobatics for over a month. The men are lead by Dave Olson, who participated in National gymnastic competition.

National gymnastic competition.

The crowd at the basketball game Friday certainly enjoyed the appearance of both male and female cheerleaders.

Wrestlers roll over Bowdoin

by Joe Grimes Sports Editor

The WPI Wrestling team started their season with an easy 41-4 win over Bowdoin last Wednesday. Ron Marquis won by forfeit to give WPI a 6-0 lead. Andy Masullo wasted no time eliminating his opponent in three minutes and

Doyle won easily 12-2 and WPI saw a possible shutout in the making; however at the 158 pound weight class Tom Harris and Jim Dennison fought to an 11-11 tie and Bowdoin scored their first points of the day. Ed Austras was next up for WPI as he faced Bowdoin's Dave Wilson. Neither was able to make any advances as the match progressed, and

sports

twenty-five seconds. Dave Parker had a superior decision over Craig Richardson 20-6 to give WPI a commanding 17-0 lead with Captain Tom Kilkenny awaiting the start of his match. "Killer" scored WPI's second pin of the day in a mere two minutes and nineteen seconds.

At this point the fans were looking for a pin in every match. Captain Greg they struggled to a 0-0 tie. Mike Thorn stepped up at 177 pounds and battled to a tight victory 5-2. Dave Pryor won 5-0 at 190 and freshman Bob Russell won easily in the heavyweight position.

The WPI matmen take on Boston College tonight in Alumni gym at 7:00. Come see the fast action and help inspire our team to victory.

Bruce Carbone goes animal

WPI sinks Holy Cross

by Paul Cottle Newspeak staff

The WPI Swim Team had a 1-1 week as freshman Bruce Carbone broke one school record and won five individual races. On Tuesday, a surprisingly explosive Babson College team beat WPI for the first time since 1976 by a score of 75-37. Babson ran away and hid from the Engineers with a tight win in the 400 medley relay (4:06.11 to WPI's 4:06.14), an upset over Steve Punt in the 200 freestyle, and crushing wins in the 1000 yard freestyle and 500 yard freestyle. With WPI behind by 26-8, Bruce Carbone powered his way to a victory in the 200 individual medley in a time of 2:08.42, blasting the old WPI record of

After Babson wins in the 200 butterfly and 100 freestyle, Rick Frost and Walter Plante went 1-2 in the 200 yard backstroke. In the 200 breaststroke, Carbone again won, this time bulling to fine time of 2:24.09.

On Friday afternoon at the WPI pool, the Engineers beat Holy Cross 78-16 while winning every single race. Bruce Carbone had another good meet, swimming to fabulous early season times of 1:50.90 in the 200 freestyle and 50.60 in the 100 freestyle. He also added another win in the 200 breaststroke with a time of 2:26.10. Mike Healey won two races, taking the 60 freestyle in 29.00 and the 200 butterfly in 2:12.10. The second double winner was Rick Frost, who took the 160 individual medley in 1:51.06 and the 200 backstroke in 2:27.00. Santa Claus (alias John Lee) made an appearance in the 500 yard freestyle, winning without the help of any elves. The medlay relay of Chris Lacey, Tom Barron, Paul Cottle, and John Buckley

(4:21.07) and the freestyle relay of Walter Plante, Ray Peterson, Tom Barron, and Chris Lacey (3:42.82) also picked up wins. Cathy Dochak added a win in the 1000 freestyle.

Tonight, December 8, WPI will host a very strong Boston College team at 7:00. Bruce Carbone will be challenged for the first time this season by BC's strong sprinters and breaststrokers. On Friday night at 7:00 at Clark, WPI will take on the Cougars in what promises to be a very competitive meet, with Clark depending on a few outstanding swimmers.

WPI
Bowling
Lanes

Open every day until 7 P.M.

Friday nights until 10:00 P.M.

Junior Class Meeting

Wednesday, December 9 at 6:00 p.m. in Kinnicutt Hall

Discussion on Summer Jobs

classifieds

TYPING — term papers, resumes, or thesis — call Amy at 393-3738 (reasonable rates).

HAVING A PARTY? Make it special. Call Ed and Mark Maybury, Disc Jockeys, for competitive rates, professional sound, and 4 years experlence. 793-1155 or 251-4859. FOR SALE: SKI BOOTS, Humanic size 8w/Alisop boot tree. Excellent condition. \$25.00. Ski poles, Scott 48" w/quick release handles. \$10.00. Contact John, box 1458 or 757-1134.

JOAN JETT — you weren't worth THAT much aggrevation.

...Lally and Cavanaugh

(continued from page 3)

5. Kevin: My efforts at providing Pub entertainment have been as diversified as possible. I have booked bands who play Southern Rock, Rockabilly, FM Top 40, and Heavy Metal type music. Also, I planned and ran the Gong Show last spring for which we had good attendance. Other events such as a Sea Shanty with a group who sing FO'C'SLE songs and ballads from seaman's times is being planned presently. Along with better publicity I feel the only requisite for improving the Pub's image rests with the individual student's precognitions of the Pub. Give it a try. I have heard few bad words from people who have attended these events.

6. The objective of the social fee is to augment the cost of all events and make them affordable to each student. The cost of admission to Social Committee events is set such that, for good attendance, we will break even. In our opinion, as long as the money is available, major events could occur more frequently on campus. In this respect it would benefit each student to attend major events, since the increase attendance would privide us the support required to attract good events (bands) on a regualr basis.

7. One of the main concerns of SOCCOM has always been how to attract more people to our events. The lack of student attendance is not due to a lack of committee effort, at least not over the last year. Some improvements we would make include reinstituting the Alden mixers, and varied special events. Over the past year attendance at major shows and events has been improving. Our main concern as Social Chairmen would be to perpetuate and increase interest in campus activities through our sustained effort and student support.

?????????????????????????????

These look like question marks, don't they? "Wrong!" These are examples of Candy Canes available beginning tomorrow, Wed., Dec. 9th in Daniels by the bookstore, from 11-1. Come by and order one for your sweetheart, or friend for Christmas. Add a message tool Canes will be mailed by boxes on Wednesday, December 16. Proceeds will be donated to Da Dai Ding. Supported by APO.

HEY MO IN E 1211 challenge you to a snowball fight at 20 paces . . . HOHOHO! — J in E13

SMILE When you talk about Kansas, friend. — The Flatlander.

4-SALE: 1 pair of G.E. Quartz Halogen rectangular high beam headlights - MUST SELL - only 5 months old - GREAT X-MAS GIFT - help someone see farther down the road-\$10 for pair (half original cost). Contact box 1622 or call 753-3572.

HAPPY BIRTHDAY RUTH! Hope you have a nice day (have a few for me) — from another Decemberite.

THE RESIDENTS OF F9 gratefully thank Jack Breen esq. for his appearance at their McParty. It was the high point of the evening.

ALL EE STUDENTS! Don't forget tomorrow is the COMP PREVIEW in Newell Lecture Hall at 3:00 p.m.

I AM INTERESTED in enhancing the extracurricular activities of this school by starting a new club — the WPI Sidewalk Climbing Club, Inc. Are you? Contact box 1773 for details.

MELANIE — HAVE A MERRY CHRISTMAS and a Happy New Year! Your Angels. P.S. Leave those elves alone!

L1-L2 has seen all. How 'bout you? Shows nightly. — B. Max

PEAR — MERRY CHRISTMAS! I never realized Kringle could be so much fun. Key West is going to be lonely. Love, Mrs. Pear.



Daniels 2 takes scavenger hunt

The results of the Freshman Scavenger Hunt are in.

Place	Team	Score
1st place	Daniels 2	325
2	Riley 2	318
3	Stoddard B	303
4	Morgan 4	250
5	Daniels 3	240
6	Riley 1	238
7	Stoddard C	132

The Hunt began at 1:00 p.m. on Saturday in the Wedge. Each team was given a 5 page list of things to find ranging from 2 Becker girls to the Holy Grail. All "finds" had to be turned in the Wedge by 3:00. A small problem arose when Campus Police found more than one team "borrowing" park benches. Both sides were cooperative, however, and all benches were returned. This is the freshman class' first event, and a great success. The class will have it's Christmas party in Higgins House on Sunday, December 13 from 2:00 to 5:00. Tickets will be on sale in the Wedge.

oe race meeting will be held on December 8th at 3:30 p.m. in the Kaven Hall Student Lounge. Details of the canoe and race will be discussed completely at this time. We need people to design, build, and race this canoe.

Also, an organizational concrete can-

This talk will be held in Kaven 116 at 4

p.m

ASCE events

On Tuesday, December 8th Mr. Edward Benort, Deputy Director of the Department of Environmental Quality Engineering for the Commonwealth of

Massachusetts, will describe the functions of the DEQE in management, transportation, and disposal of industrial and other hazardous wastes. He will also discuss how the government regulates the industry and works with the public agencies in ensuring water and air quality and waste disposal. Also, possible MQP/IQP topics will be presented.

Finally, during the week of December 7-12 tickets will be on sale for the ASCE/ASME Christmas Party in the Student Lounge in Kaven from 10-2. The party will be held at Higgins House on Tuesday, December 15th from 4 to 7 p.m. Hors d'oeuvres will be provided and a cash bar will be available. Contact Jerry Grippo, Box 245 for further information.

John Q Public vs. the Engineer

The WPI Student Sections of the Society of Fire Protection Engineers and the Society of Women Engineers will sponsor a presentation by the renowned Dr. Anne W. Phillips entitled "John Q. Public vs. the Engineer." Dr. Phillips, cofounder and executive director of the National Smoke, Fire, and Burn Institute (NSFBI) and the first woman executive director of Massachusetts General Hospital, is well known for her activities in fire prevention and in the treatment of fire victims. She has appeared in Who's Who in the East and was awarded the "Fire Protection Woman of the Year Award" in 1975 by the National Society of Fire Protection Engineers. Dr. Phillips has served as a member on the President's Commission on Fire Prevention and Control in which a report entitled America Burning was released.

Dr. Phillips' presentation will discuss the interaction of people and buildings during a fire and the implications on personal safety in building design. She will describe various disasters due to fire and the survival techniques employed.

This presentation will be held on Tuesday, December 8th at 7 p.m. in Higgins Labs, Room 109. All are invited to attend and refreshments will be served at 6:45 p.m.

• CHEMISTRY • CHEMICAL ENGINEERING

Play a key role the National way... people working to meet the needs of people

We're National Starch and Chemical Corporation, international in scope and a leading manufacturer of over 2000 technically advanced products. Paper, food, packaging, textiles, cosmetics, disposables, bookbinding, automotive and appliances, pharmaceuticals, water treatment and woodworking-are all important industries that utilize our products, many of which probably touch your life in some way every day.

It has taken the combined efforts of a highly motivated, forward thinking, talented group of professionals that have brought us to the forefront of our industry. It will take similar minded people to lead us into the future. If you set high goals and achieve them and have a solid academic background, you should know more about us and we about you.

Please visit our Representative on

DECEMBER 15, 1981

If unable to attend please send your resume to Carol Dedrick. College Relations Manager



An Affirmative Action Employer M/F

STARCH AND CHEMICAL CORPORATION Finderne Avenue Bridgewater, New Jersey 08807

Friday, November 20th - Thursday, December 3

The following are excerpts from the WPI Campus Police log. The listing consists of significant incidents and items of general student interest.

Frl. Nov. 20

1:00 A.M. — SNaP reported ceiling tiles on Daniels 3rd broken.

1:19 A.M. — A student reported having been squirted with water in front of Daniels Hall from a room on the 3rd Floor. The fire extinguisher on that floor had been discharged.

2:00 A.M. — SNaP reported doors open in Stoddard C and Daniels 4th.

2:30 A.M. — A youth was discovered drinking in a vehicle parked in a campus parking lot. He was warned about his trespassing and released to his parents.

3:05 A.M. — A student reported that a vehicle had followed her home to her off campus apartment. Campus police later found the vehicle on a nearby street.

9:50 A.M. — A large group of students was observed leaving a fraternity carrying eggs and large amounts of water. They were stopped while riding through campus with students riding outside the vehicles.

10:20 A.M. — WPD called reporting that WPI students had vandalized a Becker Jr. College residence hall with

the following interests:

Mechanical Engineers

Chemical Engineers

Electrical/Electronic Engineers

and Industrial Engineers

shaving cream, toilet paper, etc. Campus Police compiled a report on the incident.

10:30 A.M. — Campus police stopped a vehicle involved in the 9:50 AM incident.

10:05 P.M. — Campus police dispersed a large group of people congre3:30 A.M. — A WPI student was cited for traffic violations after he was observed speeding and driving negligently through the quad.

9:45 A.M. — A student reported that his car parked near campus had been vandalized during the night. Damage was estimated at \$600.

police log

gated on Institute Road, possibly leading to a confrontation.

10:25 P.M. — Two non-WPI students were told to leave a closed fraternity party after they attempted to enter it. Sun. Nov. 22

12:20 A.M. — SNaP reported doors open: 25 Trowbridge, front door, Daniels 4th, fire door; fire door in Riley.

12:25 A.M. — A student reported that he was assaulted on the quad near Riley Hall by another student. The victim was injured and filed a report against the attacker to campus police and WPD.

2:05 A.M. — A telephone call was received reporting Becker girls singing inside Stoddard C.

Corning Medical and Scientific

Recruiters will be on campus

on

Dec. 14th

Corning has opportunities available for seniors with

Don't miss this chance to see

your Corning Representative.

12:55 P.M. — Several juveniles were evicted from alumni gym.

3:05 P.M. — A student reported that the rear window of his vehicle had been broken sometime during the night.

4:10 P.M. — A broken window was reported in Higgins 103. A rock had been thrown through the window.

Mon. Nov. 23

12:22 A.M. — SNaP reported a broken window in a fire door on Morgan 3rd.

9:55 P.M. — A staff member reported that the tires on his car parked in front of Daniels Hall were slashed Saturday night.

Tues. Nov. 24

Numerous feminine napkin dispensers were discovered to have been broken into in several campus buildings.

9:20 A.M. — A wallet containing cards and \$20 was reported stolen from Gordon library the previous night. The wallet had been left unattended for a short time in the pocket of a coat.

8:20 P.M. — Three minors were found drinking in a car parked in the Library lot. They were advised to leave campus.

11:25 P.M. — Two non-WPI students were brought to the office after they had followed some students from a local bar to a fraternity house. They reportedly tore a railing from the front steps of the house.

Wed. Nov. 25

12:25 A.M. — SNaP reported damage to emergency lights and exit signs in Riley and Morgan Halls. Ceiling tiles in Riley were vandalized. The front and rear exits to 25 Trowbridge were found open.

3:00 A.M. — A fire extinguisher was discovered missing from Morgan 3rd floor.

6:45 A.M. — Damage to mailboxes in Daniels Hall was discovered by Campus Police.

11:00 A.M. — Six non-WPI students were evicted from Alumni Gym.

Thurs. Nov. 26

1:10 A.M. - A call was received

concerning two off campus apartments being rented by WPI students which had been broken into. WPD was contacted for a report.

Fri. Nov. 27

1:30 A.M. — Damage in the form of marker writing was discovered to the walls on Daniels 3rd floor.

11:15 A.M. — A break was discovered in the Stoddard residence by Campus Police. A window had been ripped off the wall of the building and entry was gained to a room. Several items were stolen. Pry marks were also found on several other doors in the building.

1:15 P.M. — A non WPI student was evicted from the Ellsworth basketball

Sat. Nov. 28

10:04 A.M. — An explosion occurred in a manhole in front of the Campus Police office in Stratton. The power on campus was out as a result of this.

11:59 A.M. — A break was discovered in the Ellsworth residence. A window was broken and the door was damaged and unlocked in the apartment. Campus Police reported several items including stereo equipment stolen in the break.

1:19 P.M. — 9 non-WPI students were evicted from Alumni Gym.

Sun. Nov. 29

2:10 A.M. — Campus Police assisted WPD in apprehending two trespassers in a house on Elbridge street where the residents of the house were away at the time.

Won. Nov. 30

1:01 A.M. — SNaP reported the door of 25 Trowbridge St. was found open.

2:00 A.M. — SNaP reported fire dours on Daniels 2 and 4 open.

Tues. Dec. 1

1:30 A.M. — A pickup truck was found unlocked with the keys in it on the sidewalk near Goddard WPD was contacted and the truck was towed.

5:30 A.M. — The center door to Stoddard C was found open.

5:00 A.M. — SNaP reported doors open on Riley 1st and Stoddard C. The rear door to Morgan Hall was discovered broken.

2:00 P.M. — A professor using Alumni Gym had his wallet and watch stolen from a locker which was left unattended for about five minutes.

8:15 P.M. — A fire alarm was reported in Daniels Hall. The alarm was due to a broken smoke detector.

Wed. Dec. 2

4:10 A.M. — SNaP reported a fire door on Daniels 4th was found open.

3:15 P.M. — Items valued at \$750 were reported stolen from a fraternity.

CHALLENGING ENGINEERING POSITIONS WITH PROFESSIONAL GROWTH

Portsmouth Naval Shipyard, Portsmouth, New Hampshire, has openings for:
Electrical Engineers
Electronics Engineers
Mechanical Engineers
Nuclear Engineers

Civil Engineers

The Shipyard's assigned mission is to modernize, refuel, convert, and repair NUCLEAR SUBMARINES. Work involves design, development, and testing of submarine systems and equipment.

Career advancement to journeyman level paying over \$25,000 within 2½ years if hired at GS-5 and 1½ years if hired at GS-7 level.

BS Engineering degree and U.S. citizenship required.

Benefits include 13-26 working days paid vacation — 9 paid holidays — 13 working days paid sick leave — outstanding retirement program — choice of health & Life insurance programs.

Portsmouth Naval Shpyard was established in 1800 and employs over 8,000 employees. The Shipyard is a leader in the Life-cycle maintenance and modernization of Nuclear Submarines and offers unparalled challenge and opportunity. Portsmouth Naval Shipyard is located in the heart of vacationland. All season sports and other activities are available within minutes.

The Shipyard Engineer Recruiter will be on campus Dec. 16, 1981.

If you cannot make this interview and are interested in employment, submit your resume to: Industrial Relations Office, Code 170.5, Portsmouth Naval Shipyard, Portsmouth, NH 03801.

WHAT'S HAPPENING

Tuesday, December 8

Varsity Wrestling vs. Boston College, 7:00 p.m. Cinematech Film Series presents "Image Before My Eyes," Alden Hall, 7:30 p.m.

Wednesday, December 9

Varsity Swimming vs. Boston College, 7:00 p.m. Junior Class meeting, Discussion on Summer Jobs, Kinnicutt Hall, 6:00 p.m.

Thursday, December 10

Protestant Fellowship worship and discussion, Religious Center, 7:00 p.m.

Varsity Basketball vs. Thomas College, 8:00 p.m.

Humanities Department film, "Wuthering Heights," 7:00, Kinnicutt Hall. Free.

Railroad Seminar, "The English Channel Tunnel," presented by Mark Bechwith, William Houlihan, HL 101, noon.

Friday, December 11

Varsity Basketball vs. Bowdoin, 8:00 p.m.

Saturday, December 12

Varsity Wrestling vs. Harvard, UNH & Mass Maritime, 11:30 a.m.

Sunday, December 13

Sunday Mass, Wedge, 11:00 a.m.

... Parity not neutrality

(continued from page 6)

Prof. Dunn seemed amazed that I assume 1) there will be wars around the world in the next few years, that 2) they won't be nuclear wars, and that 3) the U.S. will become involved. I can't understand why this is so shocking. There are perhaps one or two continents on earth that are free of tension. The world seems like a time bomb to me. With people like Khomeini and Kadaffi making important

decisions, I can only hope and pray that the U.S. is not forced into battle.

I admit I'm an optimist in saying that these battles our country might be involved in won't be of a limited nuclear nature. But I have faith in the present arms talks. If nothing else, I think the negotiations will give the two superpowers enough confidence to believe their opposition is aware of the potential

holocaust and that nuclear war will be avoided barring a serious threat to the stability of either superpower.

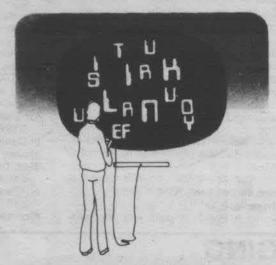
My confidence in a no-nuclear war is reinforced by the high odds of the confrontation being "gorilla" in nature, i.e. Latin America and Africa. However, there is a big risk in the Middle East as there is much more at stake for each superpower and there are also some

very irresponsible governments in this area.

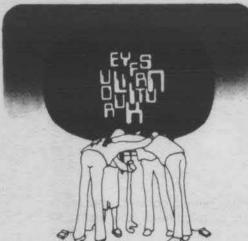
In summary, I like to believe I'm not a warmonger, but a realist. And I will counter Ami Kaplan's convictions that I'm impressionable by calling her an idealist. And I do give Ms. Kaplan the benefit of the doubt, but she left that impression on me in her letter.

Joseph Sheehan '83

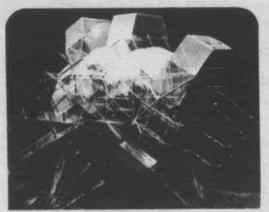
ENGINEERS:











T-37 simulator for USAF's new Undergraduate Pilot Training program, complete with visual system attachment, moving on new six-degree-of-freedom motion system.

Link Simulation is Future Engineering

Modern simulation technology was born at our company fifty two years ago and ever since then we've been the industry's leader in the manufacturing of aviation and aerospace training devices. So if you're looking for a challenge, join us. We need people like you.

We have some immediate openings available for Electrical Computer and Aerospace Engineers in Aircraft Simulation. Aerodynamics. Flight Navigation Communication Systems. Avionics. Flight Control Systems, and Circuit

If you're looking for creative simulation, excellent career potential and one of the best salary and benefit plans in the industry, get in touch with us.

Send resume in confidence or call Connie Esworthy collect (607) 772 3161



ON CAMPUS INTERVIEWS Worcester Polytech. Institute - December 15, 1981

Equal Opportunity Employer M/F