

# Committee on Academic Policy meeting held

by Geoff Strage  
Newspeak Staff

At the end of last term a very important meeting took place that involved the shaping of WPI's whole academic structure. The meeting was a "Think Tank" organized by the Committee on Academic Policy. Despite a low student turnout of about twenty-five students (about 1% of the student body) about sixty or seventy faculty members attended and many excellent ideas were expressed. The fundamental idea behind the meeting was to encourage everybody to air their own views and ideas about changes to the WPI Plan.

The first suggestion was that there should be a new natural science degree requirement involving five compulsory natural science courses in order to make our education more well-rounded, as well as an increase in the number of

units of credit to 14 before the Comp. It was suggested that a compromise could be found between the flexibility and rigidity of the WPI academic program. A professor from the Civil Engineering Department said he would like to see at least a requirement of six basic science courses. It was said that it was a shame that the plan needed "patching up", and that it might be better to completely alter the WPI approach to education. A chemistry professor said that "We do very well in the teaching process... but we don't have enough basic knowledge; the Comp doesn't cover enough. Maybe, however, we should just be learning to learn so we don't need a big body of knowledge."

The strength of the program here lies with the degree requirements. But with an increase in science requirements arise several questions:

1. Will there be enough resources to teach these properly, and will students forego other courses for these extra requirements?
2. How can a lacking in basic science knowledge be determined?
3. Should the need for more basic sciences warrant a new requirement, or should the student's academic advisor suggest the taking of certain science courses?
4. Does the advising system at WPI really work effectively?
5. Are the academic resources available at WPI being underutilized?
6. Is there enough interdepartmental interaction?
7. What is the outside credibility of the Plan?

All of these questions were brought up and each warrants a discussion in itself. Every undergraduate wants to "get out

of here quickly" and the student's academic attitudes might be responsible for their taking the absolute bare minimum core courses needed in order to graduate. Students and faculty questioned the need for a new requirement or a mandatory PQP. Also, the resources available, feedback from WPI Plan graduates, and more appealing courses were questioned for their feasibility. The students and faculty agreed that they wanted to intensify the atmosphere of inquiry and endeavor. Students must learn the basics of their own fields but maybe they should also educate themselves in the basics of many fields.

For the attending WPI community, decided compromises will be made if changes occur. A remodelling of the Plan would mean changes in flexibility, technical literacy, and the breadth and depth of knowledge learned.

## WPI Newspeak

The student newspaper of Worcester Polytechnic Institute

Volume 11, Number 2

Tuesday, February 8, 1983

Remember  
Valentine's  
Day

## The ME Competency exams

by Annamaria Diaz  
Newspeak Staff

Mechanical Engineering Competency exams are given in various sub-areas. This includes design, thermal fluids, and materials. The Competency Boards usually consist of two professors from the student's sub-area and one from another sub-area.

The Department had a 51% AC and 13% AD rate this past January. This is an improvement over last year. Statistics for each sub-group of mechanical engineering are not available, therefore it cannot be determined how the sub-areas compared with each other.

Professor Donald N. Zwiep, the Head of the Mechanical Engineering Department, provided the following information regarding M.E. Comps. He said there was no feeling that any sub-area did better than the others. He feels that



Donald N. Zwiep.

— L. Leung

the faculty and students had a very satisfactory exam this time but he and the other professors wish more students had passed. He thought the operation of the exam went smoothly. Students are apparently preparing well for the psychological end but not always for the technical end.

Competency Exams in Mechanical Engineering are individually tailored for each student. The Department feels this variety of exams enables the student to show his/her level of competence. This is viewed as an asset of the WPI Plan. If everyone were given the same exam, there would be a tendency to treat it as a comprehensive instead of a competency exam.

Professor Zwiep feels that a student should take the exam but once and at the optimum time. A student who has 12 units is not necessarily ready for the

Competency. There is also a correlation between completing the MQP or at least getting a good start on it with passing the Comp. A student who has not started this project puts himself/herself in a very difficult position.

The M.E. Department is trying to minimize the traumatic experience of the Competency. They want the exam to be an opportunity for the student to show the faculty what he/she has competence in. They feel they are getting away from the trauma to where the students are showing what they have gained.

Professor Zwiep feels additional preparation is needed. This includes developing the ability to speak confidently on a subject matter. Many classes now require more work of an oral nature. This is where the Qualifying Projects come in. The MQP forces the student into a different kind of learning situation.

## J.P. Nightclub on the high seas?

by Greg Doerschler  
Newspeak Staff

Amidst a degree of differing opinions, the Junior class officers working together with Soccomm have tentatively decided to hold this year's Junior Prom nightclub on a boat in Boston Harbor. The decision is contingent upon the resolution of several factors which have not yet been worked out. The junior class officers have scheduled a class meeting for this Thursday at which point those Juniors present will elect a new J.P. chairperson to replace James Pouliopoulos, who resigned from that position last week.

The proposal which has been explored by the class officers for the past few months would involve bussing people into Boston for the Saturday evening nightclub, and holding the event on a boat. The rest of the J.P. weekend events would remain unchanged, except that quad activities would end earlier in the afternoon.

Saturday evening activities would begin with the bus rides into Boston. Buses leaving WPI would be staggered so that if anyone wished to arrive early in

Boston, that would be possible, the boat which is being considered has an 1100 person capacity, but plans call for only filling it to about 600 persons to ensure adequate room. The boat has three decks, one of which is open. The open deck can be used in good weather, but is not included in the 600 person estimate which the class officers are working with. The boat cruise would last about three hours, and would include a band with a dance floor, and two bars. Ticket prices for the entire evening including bussing would remain at \$8/couple.

The dance cruise idea was introduced by Junior class president Jack Nickerson, and was popular with the class officers. An open informational meeting was held last December by the class officers to present the proposal and gain feedback. Response to the idea was favorable, although several questions were raised voicing concerns which needed to be dealt with. Shortly thereafter, a survey was mailed to all Juniors. Of the 12% who returned the survey, over 2/3 favored the idea, and the class officers decided to pursue it. The largest issues of concern were bussing and

alcohol consumption. People were against utilizing school buses for transportation, so the use of coaches was proposed. Alcohol may be brought onto the coaches, but not on the boat. The bars on the boat have prices which are competitive with area bars. A hand stamp system is utilized upon boarding the boat to identify those of age for the purpose of purchasing alcohol. Currently, the availability of the boat on the night desired is in question, along with concerns about inadequate set-up time. The 600 person figure for the boat is the average which a J.P. nightclub draws, somewhat less than Harrington's nightclub capacity. If there is a greater demand for tickets, raising the limit would be considered, especially when weather predictions are known to determine utilization of the open deck.

Disagreement over the desirability of a J.P. boat cruise led to the resignation of J.P. chairperson James Pouliopoulos. Pouliopoulos stated that he was originally against the idea of a boat cruise and tried to come to terms with it, but that the idea kept striking him as wrong. He thought that the boat was too small

and that people would not be comfortable on it. "I felt that most people don't want it that way," Pouliopoulos remarked of the boat cruise. He admits that the cruise idea had much support in its initial stages, but that a lot of this initial support was due to the novelty of the idea, being something new to try, and the fact that the event was so far away. "As the time went on... all I heard was no... from everyone that I talked to," Pouliopoulos notes. He acknowledges that the idea will be appealing to some people and that it would be attended if held, but felt that it would not be popular among fraternities, who traditionally attend nightclubs in large groups.

As for reasons for his resignation, Pouliopoulos stated that he had "no animosity toward any of the class officers for the decision that they made," but felt that if he retained the position he would be more of a hypocrite and hurt rather than help the affair. He feels that the class officers are capable and are "doing a thorough job" handling the situation. Pouliopoulos is also critical of  
(continued to page 5)



## EDITORIAL

# Bottle Bill Blues

It has only been effective a mere three weeks, yet there are already problems with the Bottle Bill. Consumers are finding that the nickle or dime deposit they are paying is not the only change resulting from the bill. A two-liter bottle of coke has gone up in price twenty cents; beer prices have gone up close to two dollars a case. And who could have known that retail liquor stores would charge a thirty cent deposit on the cardboard case? The bottlers and distributors are in a sense punishing the consumers for voting against them on the Bottle Bill. True, it does cost these companies money to handle the returns but that doesn't justify the steep rise in prices.

The worst part of this Bottle Bill controversy is recent reports stating that bottlers are not planning to recycle the returns; there being nothing in the law to coerce them to do so. It was assumed that the Bottle Bill would not only clean up Massachusetts but bottles would be reused and cans recycled. Indeed the bottlers must respect their end of the bargain and give consumers a break, if this Bill is to work for Massachusetts.

### NEWSPEAK OFFICE HOURS

Monday	8 - 12	1 - 4
Tuesday	10 - 2	3 - 4
Wednesday	8 - 9	10 - 12
Thursday	8 - 11	12 - 2
Friday	8 - 12	1 - 4

### 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 Newspeak Office, Riley 01.

Commentary articles reflect the opinions of the writer and not necessarily Newspeak.

## Newspeak

(USPS 535-480)

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

<b>features editor</b> Kirsten Storm	<b>editor-in-chief</b> Steve Knopping	<b>faculty advisor</b> Kent Ljungquest
<b>news editor</b> Robert Eiermann	<b>business manager</b> Scott Schenker	<b>advertising manager</b> Maureen O'Brien
<b>photography editor</b> Dave Drab	<b>circulation manager</b> Ed Childs	<b>associate editors</b> Keith Agar
<b>sports editors</b> Marion Keeler David P. Tormey	<b>graphics editor</b> Carlo Verrengia	Lisa Longwell Jack Nickerson

### STAFF

Debbie Allen	Greg Doerschler	Tim Roesch
Jeanne Benjamin	Samir Ghosh	Mike Roush
Howard B. Bernard	Joe Grimes	Jean Salek
Howie Cyker	Dan Jocavanco	Eric Schade
Scott Daniels	Jeff Lenard	Victor Schubert
Greg Dearborn	Larry Leung	Joe Sheehan
John Delaney	David Mahoney	Mark Skinner
Robert DeMattia	Jim Morton	Geoff Strage
Steve Demers	Erin O'Connell	Neil Sullivan
Annamaria Diaz	Steve Olivieri	Dave Wall
John S. Dranchak	Chris Pappas	Skip Williams
	Walter Plante	

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 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 on the Saturday preceding publication. Typesetting done by Laplante Associates. Printing done by Enterprise Printing and Graphics Company. First class postage paid at Worcester, Massachusetts. Subscription rate is \$10.00 per school year, single copies 50 cents within the continental United States. Make all checks payable to WPI Newspeak.

## LETTERS

# An important job

To the Editor:

The position of Class Representative is not to be taken lightly. As a representative for the Class of '85, it would be my duty to inform fellow classmates of the various happenings around campus. Also, as your representative, I will be able to voice your feelings to school officials, Student Council, and the Class of '85 officers.

Our next two years at WPI are very important in that we will be making significant decisions and taking the

necessary steps to achieve our goals. These goals should not only include leaving a meaningful impression on the WPI community, but also leaving a sense of accomplishment as an individual and as the Class of '85.

To do this, we need to have continuous communication between officials and students. As the Class of '85 Representative, I hope to achieve this communication and the goals we have set as a class.

— Tanya Culpepper '85

## COMMENTARY

# What did he say?

by David Wall  
Newspeak Staff

In times past, I have seen fit to examine things in this column that might not pertain to something going on right here on campus, but are still worthy of examination. I choose to do so again this week. And, given a little thought, this applies to things going on right here at WPI too.

At last count, there were six hundred thousand or so separate concepts that could be verbalized by words in the English language. This does not mean that there are that many separate words — the word 'run', for example, is given 23 separate meanings by the average abridged dictionary. Go to a monster that tells more, like the **Oxford Dictionary of the English Language**, and you'll find that a little word like 'run'

I think. Consider how many times you've heard a professor speak in perfectly comprehensible English sentences without having the foggiest notion of what is actually being said. You may scoff, but go ahead and ask someone taking EE 2001, or courses in fluids, or any one of the myriad of courses we have paid so dearly to immerse ourselves in.

Once (or if) we all get out of college, we won't have escaped this problem. Those of us who are not purveying pencils on a street corner will probably end up in positions of responsibility, coming into contact with other people in positions of responsibility, coming into contact with other people in positions of responsibility. It is a fact of human nature that people do not always say what they mean. And not only at work,

## OUT OF TURN

caused the authors to go on for pages and pages. This is a double edged sword. This makes the English language so wonderful — that it is capable of putting into words so many different ideas. However, it also leaves the language open to use as a warper of ideas, too. It is too easy to be convinced of something you don't really believe by people whose only talent is manipulation of the language.

This isn't a new idea, of course. The men of Madison Avenue have known it for years, which is why television ads cost \$275,000 a minute these days. If you can get an idea across to that many people, you're quite likely to make some money off it. Politicians know it too. Consider some of the absolute absurdities this country has been led merrily by the nose into because someone was able to convince the country or the people who run it that whatever they proposed was a good idea at the time.

Now, this is a frightening thought, given the context of the eighties. With our potential for destruction at the flick of a switch, so to speak, we must ensure that what someone says is happening is really what is going on.

All college students can relate to that,

(continued on page 3)

# News on tap

by Jeanne M. Benjamin  
Newspeak Staff

Since the passage of the Bottle Bill in Massachusetts, customers and distributors everywhere are being forced to cope with higher prices for beverages and a change in disposal habits. Here at WPI, the Pub's recent adjustments are a sign of the times. In an interview with Newspeak, Glenn DeLuca explained the details of the price changes, and how everyone can help keep costs down.

With the Bottle Bill regulations, not only did the prices rise 5¢ per bottle, but a handling charge of \$1.00 per case has also been imposed. When a bottle is returned, a 5¢ reimbursement is received, but when a full case of bottles is returned, only 48¢ of the original \$1.00 handling charge is paid back. Therefore,

even if all the bottles in the case are returned, it is still costing the establishment more than 2¢ per bottle extra, and if the bottle from the case is not returned, it will cost the Pub approximately 9¢ per bottle.

Despite the Pub's reluctance to raise the prices, they have been financially forced to charge an increase of 5¢ per bottle to offset the price increases. The Pub will be setting up discrete bottle stations in various locations to collect the bottles in an orderly fashion. The management will be monitoring the bottle return very closely to keep the price fluctuations to a minimum. In the future, prices may fluctuate from time to time if there are unusually high or low incidents of improper disposal or breakage. With the cooperation of the Pub's

(continued on page 14)



# COMMENTARY

## Budget debates on Capital Hill

by Mark Skinner  
Newspeak Staff

Budget debates began on Capital Hill after President Reagan submitted his \$849 billion budget. It calls for an

The Independent Truckers Association, claiming a membership of 100,000 operators, went on strike last week, protesting new gas and truck taxes proposed by Reagan. Consumers have

## WPI aptitude test

by Neil Sullivan  
Newspeak Staff

Lately there have been accusations that the WPI community is apathetic and uninformed. This situation is disgusting. It is more than disgusting; it is intolerable. You yourself may be a violator of the worst kind. Therefore, this test has

7. The Project Center is:
  - A. the middle of a project.
  - B. the building above the copy center.
  - C. a daycare center for wayward students.
  - D. a halfway house for unwed project partners.

## NEWS BRIEFS

increase in the deficit as well as defense spending, and is meeting stiff opposition — from both parties on the hill.

Vice President George Bush travelled to Europe to begin the START (Strategic Arms Reduction Talks) with the Soviets and unveiled a new American Policy on nuclear disarmament, calling for a complete elimination of nuclear weapons in Western Europe. The Soviets quickly dismissed the proposal, calling it absurd. The talks are expected to move slowly and last many weeks.

been only mildly affected due to ample supplies already available in stores and substantial non-compliance by ITA members. Tension is running high between strikers and non-strikers and several hundred attacks on truckers and their rigs have been reported nationwide, including several murders/deaths.

The Washington Redskins defeated the Miami Dolphins 27-17 to win the Super Bowl XVII, culminating the strike shortened season in Pasadena, California.

## Crime watch is successful

by Chris Olson  
Newspeak Staff

Since the middle of A-term, vandalism and damages in the Theta Chi Fraternity, Zeta Psi Fraternity vicinity have decreased 100%. Every night while school is in session, their houses and immediate neighborhood are patrolled by brothers of each fraternity. This crime watch was organized after Doug Wood, President of Theta Chi, witnessed two suspects breaking into a car parked in Theta Chi's lot one night. Two juveniles were later apprehended by Worcester Police. This is just one case of vandalism that this neighborhood had encountered. During the first three weeks of A-term, the total cost of damages caused by vandalism amounted to close to \$1000.00.

Each night two, three-and-a-half hour shifts of two brothers act as a deterrent of would-be crimes by sitting in a well-lit, glass stairway, overlooking Theta Chi's parking lot, maybe doing homework, they watch for anything suspicious and patrol inside and outside three or four times a shift. Four separate attempts at break-ins have been discouraged since the start of the crime watch.

Neighborhood relations have improved greatly. Theta Chi's annual Neighborhood Thanksgiving dinner was

attended by twelve neighbors whereas usually fewer attend. Some of those who attended have lived near Theta Chi for about ten years and had never been inside. During Christmas break, neighbors of the two fraternities offered similar watch services while the houses were empty. On Saturday, December 25, WPI and Worcester Police responded to a report by a neighbor that a suspicious male had been seen in Theta Chi's house. He escaped through a second story window after the police had left. Now neighbors rarely complain, as was expected in the past, about noise from the fraternity parties. A few have even invited brothers to dinner.

WPI administration has been cooperative and supportive. The WPI Police have considered giving a radio to the watch to call them directly in case of trouble. The community has not been unresponsive to these efforts either. The Worcester Telegram recently printed an article entitled 'Theta Chi is Greek for Security', and Channel 4 had contacted Theta Chi to use the crime watch story on its news.

This crime watch has not only improved the public's impression of Theta Chi and Zeta Psi, it has improved their impression of fraternities in general. Good publicity for any house is good for all houses.

## FROM THE CLOSET

been developed to quiz your knowledge of the WPI community. There are fifteen multiple choice identifications below. Give yourself 2 points for every correct answer, and subtract 1 point for each incorrect response. Answers vary from person to person, so use your own discretion in scoring.

0-10 points: Why don't you go to Worcester Industrial Technical Institute.

11-20 points: You are probably either a freshman or a closet liberal arts major.

21-30 points: Consider yourself a real Techie.

8. Happy Hour is a place to have a good time if you are:
  - A. 20 or over.
  - B. 40 or over.
  - C. retired.
  - D. senile.

9. The biggest concern of the average senior Chemical Engineer is:
  - A. nuclear proliferation of the world.
  - B. the rising number of violent crimes.
  - C. getting caught distilling grain alcohol.
  - D. finding just the right gas station to get a job at.

1. President Cranch:
  - A. is never seen by students.
  - B. has never seen a student.
  - C. is not a good person to make fun of in a satirical aptitude test.
  - D. is soon coming out with a new breakfast cereal.

2. WACCC is:
  - A. a vile and disgusting place full of weird people.
  - B. a fun place to be and to meet people.
  - C. open 24 hours a day to accommodate your every whim and fantasy.
  - D. a slang word — usually considered vulgar.

3. Becker is:
  - A. a vile and disgusting place full of weird people.
  - B. a fun place to be and to meet people.
  - C. open 24 hours a day to accommodate your every whim and fantasy.
  - D. a slang word — usually considered vulgar.

4. The Comp is:
  - A. a social event where wine and cheese are served.
  - B. an adult party game.
  - C. a good way to try out a new deodorant.
  - D. a breakfast cereal.

5. Daka is:
  - A. second only to the Toolhouse.
  - B. AAA approved.
  - C. developing live cultures for the Biology Department.
  - D. being sued by Kellogg Company.

6. If he ever retires it will take four people and two computers to replace him:
  - A. John van Alstyne.
  - B. John van Alstyne.
  - C. John van Alstyne.
  - D. John van Alstyne.

10. Worcester is to Massachusetts as:
  - A. New Jersey is to the United States.
  - B. smog is to Los Angeles.
  - C. Daka is to WPI.
  - D. all of the above and more.

11. ABET is:
  - A. what you put on the Cardinals to win the World Series.
  - B. an Arab shiek who wants to buy WPI.
  - C. Association for Better Engineering at Tech.
  - D. soon coming out with a new breakfast cereal.

12. William Grogan is:
  - A. saving the Plan.
  - B. planning to save the Plan.
  - C. planning a plan to save the Plan.
  - D. a quarterback for the Patriots.

13. The bookstore is:
  - A. a place where books are sold.
  - B. a place where dirty magazines are sold.
  - C. a place where smot and pornography reign supreme.
  - D. a virtual Sodom and Gomorrah.

14. A fraternity party is:
  - A. a good way to support local beer distributors.
  - B. a lesson in sweat.
  - C. a sociable place to meet sociable people.
  - D. a sociable place to get sociable diseases.

15. A roommate is:
  - A. the person you mate with in your room.
  - B. the person you depend on for class notes.
  - C. the person who finishes your last box of cereal.
  - D. the person who throws up in your bed.

## ... On Words

(continued from page 2)

it was. Well, I've run off at the mouth long enough. To practice a bit of what I'm preaching, let me tell you exactly what I'm saying. Don't let someone else's

words influence any decisions you have to make. Words are a temporary thing, without foundation. They are only names for ideas. Let ideas be your guide. I don't care what you decide about anything, just as long as you know why you're deciding that way.





## An exploration of Epcot

by Skip Williams  
Newspeak Staff

In October of 1982, Walt Disney Productions fulfilled one of its founder's final dreams. The EPCOT Center was opened at the Walt Disney World complex in Orlando, Florida. The odd acronym, EPCOT, stands for Experimental Prototype Community of Tomorrow. This project was one of the last that Disney started himself and has undergone a number of changes since then. EPCOT was originally conceived as a futuristic community where people would live and interact with new technology, but as it stands now, it's a more or less "world's fair" type of park where new technology is introduced to the people.

This past intersession, a group from WPI visited the Center and explored the technological and social aspects of EPCOT. The trip was inspired by Philip Pearson's IQP of last year, entitled "Disney's New World: EPCOT" and was put together by Professor Charles Hevenithal of the Humanities Department. It's purpose was to see how the work going on at EPCOT could tie in with future WPI project work. Whether or not this goal was fully realized remains to be seen; however, the work going on at EPCOT is nonetheless fascinating.

The EPCOT Center seems to be a technological showplace. Most of the pavilions are sponsored by major corporations and show off the latest in technical wizardry. The first thing a visitor to EPCOT sees upon his arrival is a giant, 18-story, geodesic sphere. Not only is this structure a marvel of modern architecture, but it also houses Bell System's Spaceship Earth. A ride throughout the sphere traces the history of communication from the time of the caveman to present day and beyond. Extending from the Spaceship Earth are the east and west sections of Communicore. Communicore, which has many sponsors, is a potpourri of activities which allows for direct interaction between visitors and the technology presented in the areas of computers, energy, and information.

Directly adjacent to Communicore East is the Universe of Energy. Presented by Exxon, this pavilion houses a "travelling theatre" which shows an informative look at the energy of today, how it was created yesterday, and how it will be used tomorrow. The most interesting feature of this pavilion is found on its exterior, rather than its interior. On its roof are hundreds of photovoltaic cells which capture the sun's rays and supply the primary source of power for the ride within. Across the plaza from the Universe of Energy is a large wheel-shaped building which is General Motors' World of Motion. As is Spaceship Earth, the World of Motion also traces a very important part of man's history and that is transportation. Although the view of

man's progress is quite humorous, visitors are treated to an interesting look at the projects GM is currently working on in the Transcenter.

On the western half of EPCOT directly through Communicore West is the Kraft exhibit "The Land". Within "The Land" are three quite different attractions. The first is found in the Harvest Theatre and is a film entitled "Symbiosis" detailing man's partnership with his environment. The second attraction is called "Listen to the Land" and takes visitors on a ride through something of a "living Laboratory" where there are different environments and different methods of farming. The third attraction is the Kitchen Kabaret where representatives of the different food groups sing about nutrition in a more than humorous presentation. Just beyond the Land is Kodak's Journey Into Imagination. Inside this pavilion are two exhibits (a third is to open soon). The first is the "Image Works" which is actually just a big playground of the future where light, color, sound, music, and a great deal more are utilized to the amusement of the visitor. The other attraction is a film called "Magic Journeys" which is an excellent 3-D film.

All that has been described so far is only one part of EPCOT called Future World. There is another part that has not yet been mentioned and that is World Showcase. Within World Showcase are nine pavilions, each of which represent a different country. The countries represented include the United States, Mexico, China, Germany, Italy, Japan, France, the United Kingdom, and Canada. Each pavilion offers some flavor of that country through gift shops and restaurants. For example, in Italy, one can dine at Alfredo's of Rome, or in Germany, there is a continuous Oktoberfest, or in the United States, one can pick up a fast food burger.

In some of the World Showcase pavilions, there are film presentations of some of the aspects of that country. Both China and Canada offer spectacular films in Circle-Vision 360 format. France also offers a fine film of much of the French scenery. In Mexico, there is a ride detailing much of that country's history and culture. Perhaps the best presentation in the World Showcase is found in the United States pavilion and is called, "The American Adventure." This show combines music, motion pictures, and audio-animatronic figures in a presentation that just has to be seen. The figures seem to come alive and "act". It's incredible.

The Disney people have outdone themselves with EPCOT, which is still growing. There are more pavilions planned for the future in both Future World and World Showcase. This new world created by Walt Disney Productions does not actually fulfill its original conception, but its founder would still be proud.

## WPI-Mitre Space Shuttle Project update

The Projects Office has developed a list of 160 students who are interested in doing projects connected with the development of a series of scientific experiments to fly on the June 1985 Space Shuttle Mission.

The WPI-Mitre Steering Committee has had several meetings to determine how students will be selected for participation in the program, and how the 1/3 unit preparatory PQP during Term D 1983 will be conducted.

At this time the Committee recommends that students genuinely interested in these projects complete the application form, available from the Projects Office, and return that application to the Projects Office on the Scheduling Day, February 22, 1983. To answer student questions about the projects and the selection procedure,

the WPI-Mitre Steering Committee, headed by Prof. Fred Looft, Electrical Engineering Department at WPI, will have a table and some materials to handout on Project Information and Academic Planning Day, February 16, 1983. Project information will be available from 1:00 to 3:00 p.m. in Alden Memorial Hall on Project Information Day.

Students will be notified on or before March 7, 1983 about their status with respect to the Space Shuttle Projects. This process will insure that those students not selected for the program will have ample time and opportunity to locate another project with a member of the WPI faculty and still meet the April 6, 1983 Final Project Registration Deadline.

## Red Cross Blood Drive

by Robert Eiermann  
News Editor

The American Red Cross visited WPI last Wednesday through Friday to obtain needed blood. In an interview with Newspeak, Head Nurse Kay McDavitt said she expected 125 pints of blood per day. Mrs. McDavitt said that now is the time to "stock up" on this life-sustaining liquid. She said that drives held when school is in session are the times of highest yield. The dangerous times of the year occur in the summer or during Christmas break, when students, the primary blood donors, are not congregated in one focused location.

The difficult part of organizing a blood drive is the booking. "Salespeople" go to schools and companies to try to gain interest. Promotions include publicity

ing to work afterwards, the employee's productivity is usually down.

People desiring to give blood undergo a health screening. Blood tests are administered and a health questionnaire is filled out. Those people who would be refused on a permanent basis (Permanent Deferral) for the sake of their health include heart attack, stroke, epileptic, and diabetic victims. For the sake of the blood recipient, people who have had hepatitis or cancer are permanently deferred. Pregnant women or people who have had major surgery within the previous 6 months are put on temporary deferral because their blood levels are low. People who have had malaria, blood transfusions, or tooth extractions, antibiotic injections or vaccines for mumps, polio, or rabies are



Red Cross personnel wait on eager donors.

— Larry Leung.

and tax incentives. Major donating organizations in the Worcester area include most Worcester colleges, Norton Company, Wyman-Gordan Company, Morgan Construction, and Riley-Stoker Company. The Red Cross is experiencing some difficulty in getting these firms to contribute. This is due primarily to the poor economy — in order to donate blood, an employee must take an hour of company time, and upon return-

also put on temporary deferral.

Donors range from the ages of 17-65. Minors need parental permission and people of age 65 can donate only if they have previously donated, and have doctor's permission.

The Chapter House of the American Red Cross is located on Harvard Street, Worcester. The Red Cross Headquarters are on Belmont Street in Worcester.

### Solution to the Crossword Puzzle

S	A	P	M	E	E	T	S	P	O	P
A	G	E	A	G	R	E	E	R	I	A
T	O	W	I	N	G	S	T	E	A	L
T	R	I	I	T	A	L	I			
T	R	E	K	S	N	L	I	E	G	E
H	E	R	E	L	S	A	T	R	U	E
E	A	S	T	A	T	U	R	E	I	R
S	P	A	T	M	A	T	E	P	S	I
E	S	T	O	P	L	O	F	L	E	E
T	R	I	A	L	F	O	E			
T	H	E	M	E	S	R	E	P	A	S
W	O	N	T	H	R	E	E	D	O	E
O	D	D	Y	E	A	S	T	S	P	A

## EARN OVER \$1000 A MONTH And Open The Door To A Bright Engineering Future.

How many corporations would be willing to pay you over \$1000 a month during your junior and senior years just so you'd join the company after graduation? Under a special Navy program we're doing just that. It's called the Nuclear Propulsion Officer Candidate-College Program. And under it, you'll not only get great pay during your junior and senior years, but after graduation you'll receive a year of valuable graduate-level training that is not available from any other employer.

If you are a junior with a GPA over 3.3, or a senior with a GPA over 3.0, majoring in Math, Chemistry, Physics, or Engineering and are a U.S. citizen, find out more today. And let your career pay off while still in college.

For more information, call:

NAVY OFFICER PROGRAMS  
Code OP-57B  
(617) 223-0222



# Tau Beta Pi to sponsor Dance Marathon for Da Dee

by Greg Doerschler  
Newspeak Staff

Tau Beta Pi, the national engineering honor society, is again sponsoring a dance marathon to benefit Da Dee Ding. According to Marion Keeler, who is chairperson of the event, about \$500 was raised last year by 56 dancers in the marathon, nine of which danced the full 26 hours. This year's marathon has been reduced to 12 hours, from noon until midnight on Saturday, February 19, in hopes that more people will last the duration. There will be a D.J. and door prizes at the marathon, which will be held in the pub. Sign-ups are currently being taken in the Wedge for anyone wishing to dance.

Da Dee Ding is the older sister of Da Hai Ding, a WPI senior from Shanghai, China. Last year, Da Hai's speech therapist at WPI, Kay Draper, learned that Da Dee was dying of kidney failure. Treatment for the disease was not available in China, so Mrs. Draper founded the International Kidney Transplant Fund, a non-profit organization which was set up to aid foreigners in need of kidney transplants. Such transplants are available free for all U.S. citizens. The fund was used to raise money to help Da Dee. Fund raising was extensive last year at WPI, with all sorts of groups, fraternities, and individuals

showing support.

Da Dee was finally flown to the U.S. last March, and met the people that were helping her whom she had heard so much about. She began kidney dialysis and received a kidney transplant last summer. Unfortunately, her body rejected the new kidney and it had to be removed to save her life. She is now utilizing a new self dialysis process and is feeling well. She lives at the WPI World House on West Street when in Worcester; while in Boston getting treatment at the New England Medical Center, which has also played a major role in her story, she resides with Dr. Susan Hou.

According to Dean of Students Brown, the money which was raised last year for Da Dee is almost gone. The financial need still exists, however, as the medications which she requires are expensive. Dean Brown reported that fund raising efforts this year have been low key because of the magnitude of last year's efforts, but any groups such as Tau Beta Pi who wish to do something are still welcome to. In addition, Da Dee hopes to acquire a work permit for the U.S., which would enable her to work in this country to help pay her bills. Dean Brown recently visited Da Dee, and remarked that she "looks great," noting the tremendous improvement which the dialysis has made.

# Grogan elected to IEEE

Prof. William F. Grogan, dean of undergraduate studies at Worcester Polytechnic Institute, has been elected a Fellow by the Board of Directors of The Institute of Electrical and Electronics Engineers, according to James B. Owens, president.

Owens said this honor is reserved for a very limited number of individuals each year who have shown evidence of outstanding and extraordinary qualification and achievement in the field of electrical electronics or computer engineering. Dean Grogan has achieved this distinction "for contributions to engineering educational programs emphasizing the relationship of science and technology to societal concerns."

Newly elected Fellows will be recognized and honored at an IEEE Awards reception scheduled in New York City, Monday, April 18.

Prof. Grogan was graduated from WPI in 1945 and received a master of science four years later. He received the WPI Trustees Award for outstanding Teaching in 1969. He has served on the faculty or administrative staff for the last 37 years and is responsible for the "WPI Plan", an innovative approach to engineering education that encompasses mastering a specialty and understanding the relation to human needs and values.

He was awarded the 1979 Worcester Society's Scientific Achievement Award.

# Job Market softens

PRINCETON, NJ (CPS) — Engineering and computer science grads, guaranteed a pick of jobs in recent years, may have a harder time landing work this year, according to a new survey of engineering firms' hiring plans by Peterson's Guides.

The survey found that three-fourths of the 765 high-tech employers who responded planned either to keep hiring at 1982 levels, or to hire fewer newly-graduated engineering and computer science majors.

"In previous years, the engineer didn't have to work hard to get a job," says Sandra Grundfest, who edited the guide

to high-tech employment.

This year, grads will "have to scramble, start early, and make decisions early," she advises.

Grundfest adds it may be a little early to feel sorry for the high-tech grads. Their job market is worse when compared to demand for their services in prior years, but it's positively rosy in comparison to what other students have to endure to get jobs.

"I don't think there is a serious unemployment problem for engineers," she summarizes. "This year (the grad will get) two or three or four" job offers.

(continued on page 7)

# ... J.P. Cruise

(continued from page 1)

the way that J.P. planning is set up. On any major decision, each Junior class officer and the J.P. chairperson get one vote apiece. Pouliopoulos stated that he did not mind sharing decisions with someone else, but felt that the Junior Prom chairperson should play a larger role. Under the current system, Pouliopoulos believes that the class officers can do whatever they want to.

Glenn DeLuca, Assistant Director of Student Activities understands the intent of the system to be that of allowing class officers to remain involved, and to keep a handle on the chairperson. It was intended that each officer would co-chair a subcommittee. DeLuca personally likes the dance cruise idea. He believes that it would be a fun time, especially for those looking for something different to do. DeLuca remarked that he "personally encouraged the class officers to make the decision" on the cruise idea, being the elected representatives of the class and those most informed on the situation. Petitions have been received from six fraternities opposing the idea. DeLuca noted that an excessive amount of weight has not been placed on the petitions, since input mechanisms were already in existence.

Wording on the petitions was somewhat ambiguous, as Junior class vice-president Debbie Harrow reported. Some petitions opposed replacing J.P. weekend with a booze cruise, while others opposed replacing the nightclub with a booze cruise. Ms. Harrow remarked that the input was appreciated, but that "there's a lot of misunderstandings about the whole cruise." She is currently undecided about the desirability of the dance cruise, but adds that it is a "good chance to do something different" and feels that most people support the idea.

Soccom Chairperson Maureen Walsh, who has been working on the J.P. with the J.P. chairperson and the class officers since January, likes the idea of a dance cruise. She noted that nightclubs are held in Harrington on two weekends out of the year not including J.P., and felt that a dance cruise would be a nice alternative "for those who don't like Harrington". Concerning Pouliopoulos' resignation, Ms. Walsh remarked that she thought he could have done a good job. She would have liked to work with him on the J.P., but "can understand both sides of the picture" regarding his decision to resign.

### ACROSS

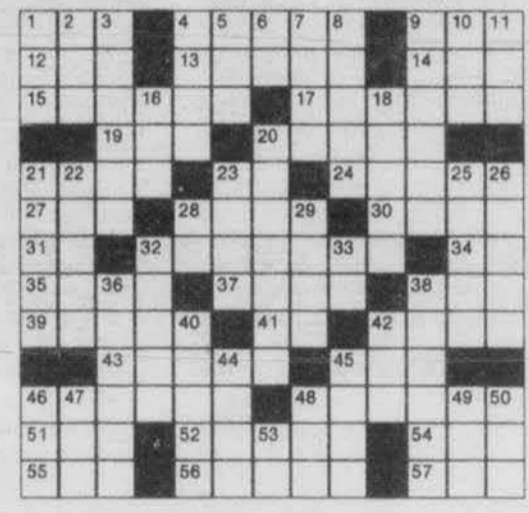
- 1 Weaken
- 4 Encounters
- 9 Parent: Colloq.
- 12 Mature
- 13 Concur
- 14 Inlet
- 15 Hauling
- 17 Takes unlawfully
- 19 Attempt
- 20 Country of Europe
- 21 Hike
- 23 Symbol for tin
- 24 Faithful
- 27 Pronoun
- 28 "Lohengrin" heroine
- 30 Exact
- 31 Diphthong
- 32 Height
- 34 Negative prefix
- 35 Quarrel
- 37 Partner
- 38 Greek letter
- 39 Bar legally
- 41 Behold!
- 42 Escape
- 43 Test
- 45 Enemy
- 46 Compositions
- 48 Meal
- 51 Took a gold medal
- 52 Trio
- 54 Female deer
- 55 Unusual
- 56 Bread ingredient
- 57 Resort

### DOWN

- 3 Alloy of tin and copper
- 4 A large number
- 5 Urge on
- 6 Teutonic deity
- 7 Trial
- 8 Bristlelike
- 9 Entreaty
- 10 Lubricate
- 11 Dance step
- 16 Irritate
- 18 Choice part
- 20 Induct
- 21 "— foolish things..."
- 22 Harvests
- 23 Bridge term
- 25 Mask
- 26 Uncanny
- 28 And: Lat.
- 29 Vehicle
- 32 Tornado
- 33 Note of scale
- 36 Be present
- 38 Begs
- 40 Devoutness
- 42 Dude
- 44 Wimbledon champion of 1975
- 45 Parts of yards
- 46 Couple
- 47 Brick-carrier
- 48 Legal matters
- 49 Soak up
- 50 London repast
- 53 Sun god

## CROSS WORD PUZZLE

FROM COLLEGE PRESS SERVICE



- 1 Posed for a portrait
- 2 Time gone by

## ON THE LAND, IN AIR AND SEA. ARMY

The command of go-anywhere-do-anything troops requires sharp, experienced go-anywhere-do-anything officers. These are the kind of people and action you find in today's Army.

If the concept of split-second decisiveness excites you, you'll be excited by the list of management training courses offered through Army ROTC. When you are through with Army ROTC, you'll be ready for go-anywhere-do-anything command.

As a second lieutenant, you're in charge! On a specific job, you could have 30 to 40 people working for you, and be responsible for several million dollars worth of complex equipment.

The list of management opportunities available to the Army officer includes engineering, communications, data processing and transportation. And, of course, the even more challenging positions of responsibility in combat and combat support units. All offer opportunities for solid leadership experience, putting you a step ahead in any job market—military or civilian.

Make your first step now. See the Professor of Military Science on your campus.

**BE ALL YOU CAN BE.**



# CELTIC TICKETS

\$15.00 includes  
Roundtrip Transportation  
Four Seasons Sports Club

756-6039



## ARTS AND ENTERTAINMENT

### Up close with David Johansen

by Sam Nejame

David Johansen sat on the locker room bench after his concert in Harrington Auditorium last Friday night. Dressed in an old t-shirt and blue jeans, he looked nothing like the rock personality he had appeared to be minutes before. He poured himself a seven and seven from plastic soda bottles and shouted vague ambiguities

Johansen is just as much a performer although he has grown away from shock rock. He has concentrated on creating music which is energetic, danceable and above all, a good time. He considers rock his job, and his band is a working band. He denies any heroics associated with his past and appears more concerned about enjoying himself and helping his audience enjoy themselves.



David Johansen.

— Jim Morton.

to his band mates. The band members sat in their individual locker stalls making plans to find the best topless bar in Worcester. Someone suggested The Blue Max, while Bet Cartwright, the group's bassist, did an "incredible hulk" impersonation. The atmosphere in the locker room demonstrated Johansen's personality. David Johansen, like his music, has matured. His original band, The New York Dolls, belonged to that select group of innovators of the late 60's and early 70's such as David Bowie, Iggy Pop and Lou Reed. These musicians greatly influenced today's punk and new wave music. The Dolls were controversial for their stage antics and for their transvestite apparel. Their music was crass and hard. Today,

The concert was well received, as was demonstrated by enthusiastic clenched fists and dancing. Tony Mahine pummeled his drum set unceasingly, while guitarists Gower and Nelson traded leads and power chords. The band did a powerful 90 minute set and played two extended encores. Attendance at the show was scant, but the intimacy between the audience and the band made up for the low turnout for the show. The addition of a few slower tunes such as "Garden of Eden", "Build Me Up Butter Cup" and the Animals medley have added another dimension to Johansen's music.

The music is gone from Harrington Auditorium, but David Johansen will be remembered for quite a while.

### Winter Weekend Review

by Steve Knopping  
Editor-in-Chief

Last Saturday night, Winter Weekend Nightclub was presented featuring the Marsels and comedian Tom Parks. The Marsels began the evening with their own blend of disco and rock. Their choice of songs sounded like the play list for KISS 108. Highlights from the first set included "Celebration", "Super Freak" and "Having a Party".

Tom Parks did his stand up routine between sets of the band. He was at his best when he was speaking directly with the crowd rather than sticking to routines. The crowd seemed to enjoy themselves when he instructed them to tell him "You s\*\*k (sound like truck) instead of booing. His act began to die out at the end when he reached for his musical calculator. The audience was (continued on page 7)



Tom Parks.

— Chris Pappas.

### ON THE STREET

The Worcester Art Museum is holding the following special events:

— Thursday, February 10 at 2 and 7 p.m.: Film: "Walkabout". Directed by Nicholas Roeg, introduction by museum film consultant, Laura Menides of WPI.

— Sunday, February 13 at 3 p.m.: Recital: Ko-Kela Piano Quartet performs Mozart's **Plano Quartet in E Flat** and Brahms' **Plano Quartet in G Minor**, Opus 25; also included is a piano quartet by Aaron Copland.

— Through March 13: Exhibit: Prints of Milles Fountain with the focus on the recent acquisition of **Portrait of Fernande Olivier** by Pablo Picasso. For more information call 799-4406.

— Mechanics Hall presents the Mandala Folk Dance Ensemble and International Buffet Supper on February

26, 1983. One can attend either the performance or the buffet. For further information contact Mechanics Hall.

— The Charles Playhouse in Boston presents the joyous musical "Godspell". The performances are Tuesday through Saturday evenings at 8:00 p.m. For more information, phone 482-3424.

— The Boston Youth Theatre presents a world premiere of the musical comedy, "Just Deserts". The limited engagement runs March 3-27 at the Boston Shakespeare Co. Theater. For tickets dial 267-5600.

— The North American Pageant Systems announce a modeling and talent pageant to be held at Valles Steak House, 77 West Street, Springfield, MA. For entry information phone Dick Rogan at 763-3589.

### ENGINEERING MAJORS HAVE ENOUGH STRESS WITHOUT HAVING TO WORRY ABOUT TUITION.



If one of the angles you've been studying lately is a way to pay your tuition costs, Army ROTC would like to offer some sound advice.

Apply for an Army ROTC scholarship.

Recently, we set aside hundreds of scholarships solely for engineering majors like yourself.

Each one covers full tuition, books and other supplies, and pays you up to \$1,000 each school year it's in effect.

So if the stress of worrying about tuition is bending you out of shape, get some financial support. Apply for an Army ROTC scholarship today.

For more information, contact your Professor of Military Science.

**ARMY ROTC  
BE ALL YOU CAN BE.**

At WPI  
Call or Visit  
Capt. Labrecque  
Harrington Aud.  
WPI 793-5466

## CREATIVE FREEDOM

In the age of information technology, a company—whose sales of \$1.7 billion annually and whose products and components extend from data acquisition and information processing through data communication to voice, video and graphic communication—is making creative freedom a reality for their new graduates.

### ON CAMPUS INTERVIEWS

February 25th

Electrical, Industrial and Mechanical Engineering,  
Computer Science Majors

Make arrangements at the Placement Office.

 **HARRIS**

An Equal Opportunity Employer, M/F/H/V



## ...winter weekend

(continued from page 6)

not impressed mainly because he performed that portion of the act two years ago when he was here.

The Marsels began their second set with New Wave music. They played "Shake it Up" and "Whip It" before they went to their traditional oldies medley.

They took the crowd through the top songs from 1954 to 1964. The Marsels capped the evening with a spirited rendition of "Shout" and then another rendition of "Celebration". The group summed up the evening by changing the words to "We had a good time tonight."



The Marsels kept the crowd dancing.

— Chris Pappas.

## ... Job Market

(continued from page 5)

Last year there might have been nine or ten.

The high-tech grads are consequently settling for a little less. "Students are accepting jobs earlier, even if it's not exactly what they want."

Employers, according to the survey, also found students more willing to relocate than in past years.

The blip in the high-tech hiring market isn't enough to convince more engineers to go into teaching, and thus ease the terrible teacher shortage and class-

room overcrowding problems plaguing virtually all engineering schools.

"Going into teaching means you have to put in three-to-four years" after getting a B.S., observes W. Edward Lear of the American Society for Engineering Education.

He doesn't believe one year of softness in the job market is going to convince many grads to invest the time in teaching. He says "nine-to-ten percent" of the 18,000 college engineering teaching positions in America remain vacant.

## ON THE BEAT

by John S. Dranchak  
Newspeak Staff

Another one of Boston's finest bands, The Lowgistics, played at the Goat's Head Pub on Saturday, January 29th. The Lowgistics, who have been together now for three years, play what they call "modern rock", or what Billboard calls "dance oriented rock" (DOR). When they perform in Boston area clubs, they only play originals, but they also do some covers when they play at colleges. Their tunes are meant for fun, not for serious listening.

The members of The Lowgistics include Steve Ruzzo (guitar/lead vocals), Tina Lame (bass guitar/lead vocals), Rick Merick (keyboards), and Bobby Atlas (drums). By having both male and female vocalists, they are able to cover a much larger spectrum than if they had just one vocalist.

When The Lowgistics first started playing, the pub was almost empty. But as the sound waves seeped out, people strolled in. By their second set, the pub was packed wall to wall with people who seemed to approve of the music. Amongst their great originals, they performed "Teaser" and "Blamin' It All On

You", both from their single which will be reviewed in the future.

What does the future hold for The Lowgistics? They will continue playing the area clubs and colleges, and will be releasing another single very soon. Hopefully, this will lead them to a contract with a major label. Until then, keep your eyes on this burning band.

In a totally different musical direction, David Moss presented his "Drum Song". "Drum Song" was a ninety minute avant-garde percussion solo in which David used over one hundred percussion instruments and his voice. For those who attended this concert with an open mind, the result was an unforgettable musical event that truly defies description. Perhaps, an analogy would be a contemporary painter with a multitude of colors to choose from, placing these individually meaningless colors on a canvas to create a meaningful painting.

For those who entered this concert with a closed mind, it probably sounded like a battery of randomly placed noises. "Drum Song" was definitely a worthwhile performance. It would be nice to see more "experimental" music on this campus in the future.

## SocCOMM PREVIEW

Thursday, February 10 — This week's coffeehouse will feature Dick McCormick, a singer, guitar player. His vast repertoire and talent promise to make the evening entertaining. The performance begins at 9 P.M. in the Wedge and admission is free.

Saturday, February 12 — White Noise,

a southern rock band from Albany, will perform at 9 P.M. in the pub. With only a 50¢ admission charge, one cannot afford to miss this good time.

Sunday, February 13 — "The World According to Garp" will be shown at 6:30 and 9:30 P.M. in Alden Hall. Admission is only one dollar for this popular and funny movie.

# Summer Orientation Leader Positions for Orientation 1983

### INFORMATIONAL MEETINGS

Wednesday, February 16, 4:00 p.m., Library Seminar Room

Thursday, February 17, 8:00 p.m., Library Seminar Room

All Candidates for Orientation Leader Positions must attend one of the informational meetings.

### Qualifications:

- Must be a member of the Class of 1984, 1985, 1986.
- Applicants must be in good academic standing at WPI. Sophomores and Juniors must have completed at least 8/3 units of acceptable work in four successive terms.
- Orientation leaders must attend a training program offered at the end of Term C on March 12, 13, 14 and 15.
- Orientation leaders must attend a short intensive course in communication to be held on four Wednesday evenings during Term D:  
March 30 — 6:30-9:00 p.m.  
April 6  
April 13  
April 20
- Applicants must be available to participate in the Summer Orientation Program to be held June 18-19 and June 25-26, 1983 and the Fall Orientation Program on August 28-29, 1983. Additional Orientation Programs will be held on Wednesday, June 15 and June 22 and will be optional for the student orientation leaders.

### Remuneration:

Room and board will be provided to the orientation staff for the June 18-19 and June 25-26 dates. (Two overnights and 10 meals) Orientation leaders must live on campus in an assigned room during this time period. Room and board will also be provided during the training program.



## CAMPUS CAPSULES

### Junior Class Meeting

On Thursday 10, 4:00 p.m., there will be an important Junior Class meeting in Newell Hall (Electrical Engineering building) concerning the Junior Prom Weekend. Watch for notices in your mail box.

### Dance Daze is Back

Dance Daze, the community dance of Worcester, is back to WPI for the spring semester. The first Daze this year was on January 21, and the turn out was fantastic. Most of the people came for their first time, and they certainly enjoyed the night.

The next Dance Daze will be held from 8:00-11:00 p.m., Feb. 11, in Alumni Gym. Lens and Lights will help to set up the lighting and sound. If you want to relax yourself from all the heavy studies, Daze is not a bad idea. Just come in, no special skills and partners are necessary. The admission will be \$2.00 for adults and \$0.50 for children under 12. Smoking and alcohol are not allowed. It should be a challenging new experience, but it will be fun!

### Need Help in Writing?

The Writing Resources Center (lower level, Project Center) will offer free, non-credit mini-courses in basic writing in this term as follows:

**Punctuation:** February 10, 11, 14, 15 and 16.

**Grammar:** February 21, 22, 23, 24, 28; March 1.

Please sign up in the writing center.

### ID's Moved

The new location for issuing WPI identification cards is Harrington Auditorium, Room 111, lower level. The entrance to be used is the side doors facing the football field; it will be open Tuesdays between 11 a.m. and 1 p.m.

### New Library Hours

The WPI Gordon Library extended open hours Sunday through Thursday.  
 Sunday-Thursday 8:00 a.m. - 12:00 a.m.  
 Friday 8:00 a.m. - 11:00 p.m.  
 Saturday 8:00 a.m. - 5:00 p.m.

### IFC Nominations Held

The nominations for the new IFC Cabinet as of February 1, 1983 are:

**President** — Jim Pouliopoulos (Sigma Phi Epsilon)

**V. President** — Willy Hyland (Lambda Chi Alpha), Angela Frankedakis (Phi Sigma Sigma), Tom Hunt (Theta Chi)

**Treasurer** — Paul Grautski (Phi Kappa Theta), Marty Ferguson (Alpha Tau Omega).

**Secretary** —

**Activities Chair** — Don Lindsey (Zeta Psi)

**Rush Chair** — Greg Speer (Alpha Tau Omega)

Nominations are open until voting starts on Tuesday, February 15.

### The Society of Women Engineers

On Tuesday, February 15th, SWE will sponsor a panel discussion on sexual harassment vs. sexual discrimination. Three women engineers will discuss legal rights and their past experiences in industry, military, etc. Everyone is welcome. The meeting is in Higgins Lab 109 at 7 p.m.

### Management Comp

The Management Department March Competency Examination Registration Deadline is Friday, February 25, 1983 at 12:00 noon. Certificates of Eligibility Forms are now available in the Management Office.

### Fire Protection Lecture to be Held

The student chapter of the Society of Fire Protection Engineers is sponsoring a lecture entitled "The Great Fires in the United States and Engineering Lessons Learned from Them." It will be held Thursday, February 10 in HL 109. Mr. Art Cote, who is the Assistant Vice-President of the N.E. chapter of the Society of Fire Protection Engineers, will be the guest speaker. Mr. Cote's presentation will include clips of major fires. He'll discuss what lessons have been learned from these fires and how the codes and standards were changed as a result of these fires. Students, and others interested in fire safety and building construction are invited to attend. Coffee will be served at 3:30 p.m. The talk will begin at 4:00 p.m.

### Special Seminars

Tuesday, February 15, 1983  
 12:00-1:00 p.m. — Town of Holden Presentation by Mr. William Kennedy Town Manager.

4:00-5:00 p.m. — Central Mass. Health Systems Presentation by Mr. Robert Bradbury, Health Systems Planner, and Prof. Jack O'Connor, WPI Social Sciences Dept.

Thursday, February 17, 1983  
 12:00-1:00 p.m. — Central Mass. Health Systems Presentation.  
 4:00-5:00 p.m. — Town of Holden Presentation.

Students and Faculty are invited to attend these events all planned for the classroom in the Projects Center. Those wishing to attend the luncheon meeting should stop by or call extension 5547 to make a reservation for lunch — the Division of Interdisciplinary Affairs will provide sandwiches and refreshments.

### Pool Hours

Pool Hours for C Term are as follows:  
 Monday 9 a.m.-2 p.m., 3-4 p.m., 7:30-9:30 p.m.

Tuesday 11 a.m.-1 p.m., 2-3 p.m., 7:30-9:30 p.m.

Wednesday 9 a.m.-4 p.m., 7:30-9:30 p.m.

Thursday 11 a.m.-1 p.m., 2-3 p.m., 7:30-9:30 p.m.

Friday 9 a.m.-2 p.m., 3-4 p.m., 7:30-9:30 p.m.

Saturday 9 a.m. - 1 p.m.  
 Sunday Noon - 6 p.m.

Modern Life...



College Press Service

Horsley  
 SEATTLE POST-INTELLIGENCER  
 © 1983

**\$106.80 weekly working right in your own home. Your earnings fully guaranteed in writing. For complete details send a self addressed stamped envelope to ELG, P.O. Box 184, Worcester, MA**

## ATTENTION COLLEGE STUDENTS

You may be eligible for a two-year Air Force ROTC scholarship. The scholarship includes full tuition, lab expenses, incidental fees, a reimbursement for textbooks, and \$100 a month tax free. How do you qualify? You must have at least two years of graduate or undergraduate work remaining, and be willing to serve your nation at least four years as an Air Force officer. Scholarships are available to students who can qualify for pilot, navigator, or missile training, and to those who are majoring in selected technical and nontechnical academic disciplines, in certain scientific areas, in undergraduate nursing, or selected premedical degree areas. Non-scholarship students enrolled in the Air Force ROTC two-year program also receive the \$100 monthly tax-free allowance just like the scholarship students. Find out today about a two-year Air Force ROTC scholarship and about the Air Force way of life. Your Air Force ROTC counselor has the details.

We are now processing 3 and 2 year applicants. Contact Capt. David Elizalde, 793-3343.

**AIR FORCE**  
**ROTC**



# Interfraternity Council Pledge List 1982-1983

**ALPHA CHI RHO**

Bob Bergland  
 Quentin Brown  
 Jim Bunduck  
 Ted Devin  
 George Graw  
 Steve Mann  
 Ken Maylor  
 Paul McKay  
 Jim Nichols  
 John Niedzielski  
 Mike Palmer  
 Steve Paul  
 Rich Rydant  
 Mike Salk

**ALPHA GAMMA DELTA**

Sue Burke  
 Nancy Chatis  
 Lisa Chaves  
 Tricia Coughlin  
 Anne Marie Daly  
 Beth Dupell  
 Meg Fallon  
 Lori Freeman  
 Michelle Goguen  
 Joanne Gurken  
 Connie Keefe  
 Denise Kuenzig  
 Juli Lindstrom  
 Sue Listro  
 Sue Loconto  
 Dedre Malley  
 Kathy Notarianni  
 JoAnn Pappalardo  
 Debbie Powell  
 Lisa Razziboni  
 Gail Smith  
 Beth Stroeble  
 Cheryl Trombly

**ALPHA TAU OMEGA**

Scott Cormier  
 Ed Ford  
 Ben Hantz  
 Tom Huckman  
 Mike Lally  
 Jamie McElhiney  
 Emad Muntasser  
 Don Post  
 Paul Ryder  
 Gary Sargent  
 Mike Scanlon  
 Kevin Wenta  
 Scott Weyman  
 Mike Yacovone

**DELTA PHI EPSILON**

Kim Bauman  
 Kathy Bolton  
 Sue Boucher  
 Mara Catlin  
 Lorin Cody  
 Lynn Duffett  
 Cathy Murray  
 Donna Swenson  
 Amy Swatinsky  
 Jacki Thibeault

**LAMBDA CHI ALPHA**

Bob Bauchiero  
 Bill Campbell  
 Bill Clemmey  
 Dan Coakley  
 Tom Crowley  
 Mike Duquette  
 Jeff Eells  
 Jim Harlor  
 Dave Henry Jr.  
 Dan Kennedy  
 Stuart Murray  
 Mike O'Donoghue  
 Mike Pockette  
 Chris Robbins  
 Steve Rogerson  
 Chris Whitney  
 Doug Zuklie

**PHI GAMMA DELTA**

Eric Boudreau  
 Scott Brazina  
 Kevin Callahan  
 Barry Collela  
 Edmond Corini  
 Philip Cyr  
 Tom Denney  
 Jim Dunn  
 Gary Elias  
 Chris Goode  
 Adam Joffe  
 Paul Johnson  
 Craig Gosselin  
 Jeff Kelly  
 John Kenneally  
 Apostol Laske  
 Dave Navaroli  
 Steve Ouellette  
 Dave Paparella  
 Paul Pultorak  
 Martin Schall  
 Dave Sheehan  
 Jim Sielaff  
 Greg Tashjian  
 John Towner  
 Jeff Whitehead

**PHI KAPPA THETA**

Richard Amico  
 Richard Boosey  
 Robert Cundiff  
 John Dahill  
 David Day  
 Brian Dodge  
 Scott Elithorpe  
 Jeffrey Fuller  
 Stephen Graveline  
 Lance Hall  
 James Hoagland  
 Joseph John  
 John Keating  
 Michael Kelly  
 Charles Kenyon  
 Kevin Lynch  
 Michael McKay  
 Eric Nelson  
 Joseph Olaynach  
 John Pacheco  
 James Pekarshi  
 Pasquale Sacco  
 Michael Savage  
 David Sledzih  
 Robert Soares  
 Scott Vallee  
 Paul Vitale  
 Gordon Walter

**PHI SIGMA KAPPA**

John Benson  
 Paul Carroll  
 Chris Coulter  
 Michael Crimmins  
 Robert Grogan  
 Kenneth Hamilton  
 John Hughes  
 Pete Kaplan  
 B.J. LaChance  
 Kevin Lozeau  
 Joseph Manas  
 John Martin  
 James McWeeny  
 Mark Ritenour  
 David Sbabo  
 Joseph Tate  
 Eric Thompson

**PHI SIGMA SIGMA**

Susan Abramson  
 Jeanne Benjamin  
 Lisa Burke  
 Judy Caplan  
 Erin Carroll  
 Susan Celentano  
 Mary Beth Chuplis  
 Debbie Czujko  
 Athena Dratelis  
 Kim Etheridge  
 Cheryl-Ann Fay  
 Sue Firla  
 Eileen Flanagan  
 Chris Goodspeed  
 Marie Harriman  
 Karen Italiano  
 Kathy Loftus  
 Cheryl Lucier  
 Cheryl Macedo  
 Mercedesh Mirkazemi  
 Anne Kelly McGurl  
 Sandy Olson  
 Bronwyn O'Reilly  
 Barbara Parady  
 Jeannine Peters  
 Anne Provencher  
 Karen Reardon  
 Diana Sauer  
 Anji Seth  
 Diana Waskevich  
 Laurie Whittingham  
 Christie Wapschall

**SIGMA ALPHA EPSILON**

George Aghjayan  
 Alan Ahlstrom  
 Scott Cote  
 Nick Demos  
 John Gillis  
 Chris Kaprrellian  
 Andy Kelly  
 Tom Kelly  
 Steve King  
 Bob McDonough  
 John Murray  
 Ken Olsen  
 Witold Pawlowicz  
 John Sarkis  
 Rylan Shepard  
 Dave Siebel  
 Steve Wojtas

**SIGMA PHI EPSILON**

Louis Balmir  
 Joseph Bromley  
 Mark Collins  
 Patrick Devlin  
 Patrick Dolan  
 Richard Farland  
 Brian Fuller  
 Robert Gibbons  
 Michael Gonsor  
 Nathan Hanson  
 Robert Hyland  
 John Jesi  
 Eric Kapantais  
 Dale Lewis  
 Michael McElwee  
 Christopher McNeil  
 John McNeil  
 David Miles  
 Robert Papay  
 James Stacy  
 Brian Woodworth

**SIGMA PI**

Todd Herman Becker  
 Robert Andrew Bombara  
 Douglas Charles Clarke  
 Phillip Dana Colarusso  
 Michael Anthony Deleew  
 Christopher Paul Dicenso  
 Mark Thomas Dillon  
 Theodore James Ervin  
 Barry Charles Fougere  
 Peter Andrew Hufnagel  
 Muhammed Abdul-Khaliq

Jeffrey Paul Klofft  
 Edmund Trevor Kochling  
 Brian Thomas McKeon  
 Kevin Shawn McLeod  
 Edward Paul Nowak  
 Mark A. Noyes  
 Henry Bradford Skinner  
 Michael John Wozniak

**TAU KAPPA EPSILON**

Kevin Biernacki  
 Lou Bragaw  
 Mark Fitzgerald  
 Jay Hedstrom  
 Stefan Helire  
 Rob Keeble  
 Bill Leary  
 Jeff Luecke  
 Ken Nichols  
 Pete Rhoades

**THETA CHI**

Edward Ahigian  
 Adam Bosnian  
 George Bukow  
 David Chute  
 Matthew Colangelo  
 John Curry  
 James Daly III  
 Scott Favreau  
 Joseph Gammal  
 Richard Gargano  
 J. Paul Kling  
 William Leslie  
 Daniel Lussier  
 Gerald Melesko  
 Brian O'Rourke  
 Myles Parker  
 Andrew Payson  
 Erik Peterson  
 Robert Pierce  
 Bruce Phillips  
 Gregory Raber  
 Charles Reilly  
 Paul Sanneman  
 Andrew Skinner  
 M. Stewart Smith  
 Stephen Squadrito  
 Bruce Vierstra  
 Todd Vigorito  
 Robert Yard

**ZETA PSI**

John Bono  
 Jeffrey Borggaard  
 William Cotter  
 Jeffery Donsbach  
 Daniel Flowers  
 Micha Goodwin  
 James Hiller  
 Paul Hyde  
 Peter Lanyon  
 Juan Lopez  
 Daniel Reeve  
 J. James Rodgers  
 David Selfors  
 Leo Smith



# SPORTS

## WPI Cagers win 7 of last 8

Philpot shares ECAC player of the week honors

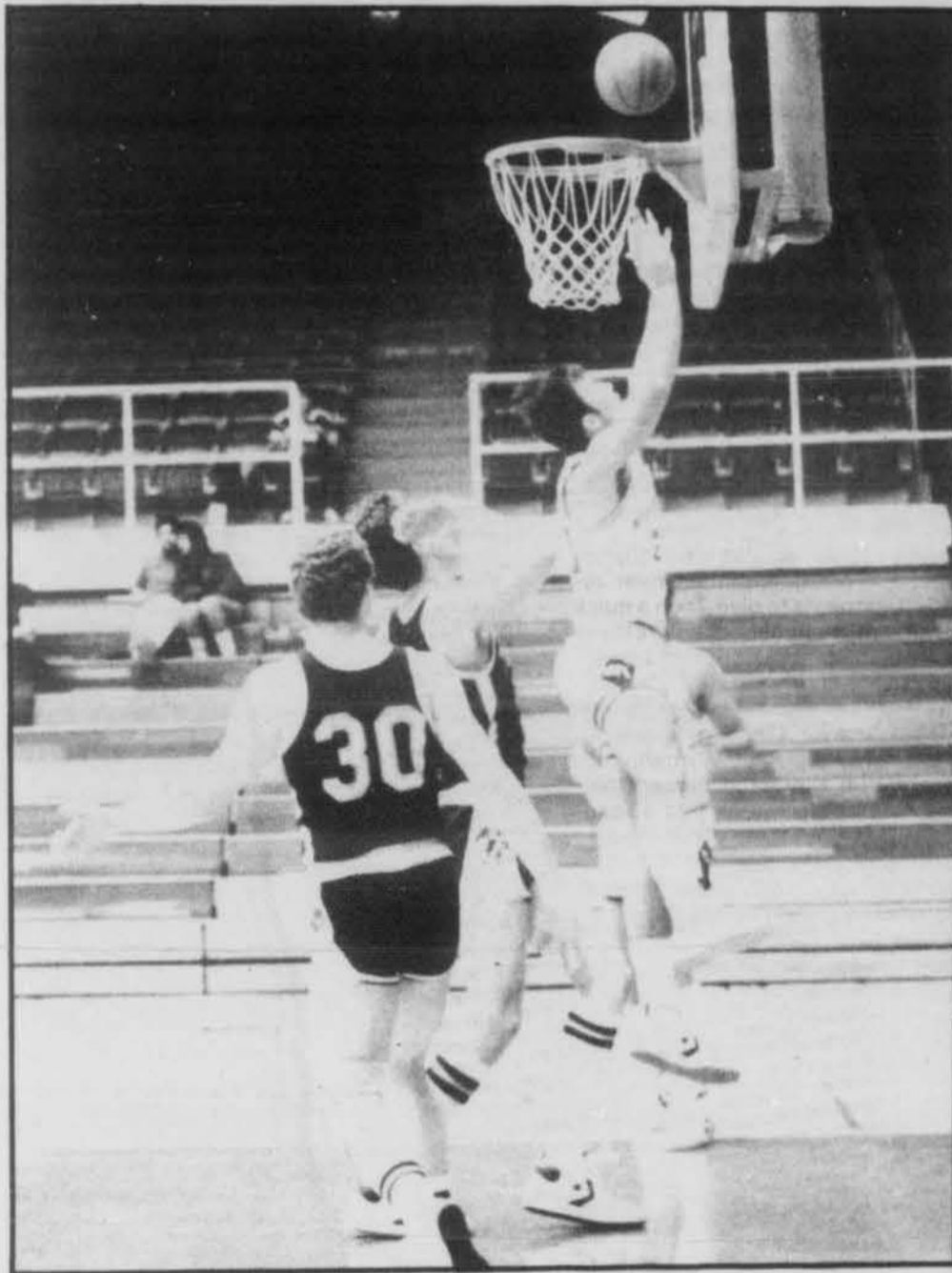
by David P. Tormey  
Sports Editor

The WPI basketball team moved their record to 11-8 this week as they lost a close one to Trinity on Tuesday but came back to destroy the Cadets of Coast Guard Friday night in New London, CT.

The Trinity game was slated to be a great matchup since the Engineers had a 6 game win streak on the line and Trinity had an outstanding 12-1 record to protect. WPI got a quick start and held Trinity scoreless for the first two minutes as they chalked up a six-point lead. Then the whistles began to blow as WPI

The Coast Guard game was no contest as WPI bounced back from an early 6 point deficit and never looked back. Again Russ Philpot lead the Engineers with 28 points and 9 rebounds in WPI's 72-54 romp over the Cadets.

Philpot's consistent play has been a major factor in this year's successful campaign and his outstanding performance during the Engineer's undefeated week at the end of January has earned him special recognition. In response to his 3 game totals of 77 points and 39 rebounds, Russ was named Co-Player of the Week in the Eastern College Athletic Conference's Division



Philpot hit 2 of his 18 against Trinity.

— Steve Olivieri.

fouls brought Trinity back into the game. Throughout the rest of the first half the two teams played solid basketball and matched each other almost point-for-point to make for Trinity's 27-26 halftime edge.

The halftime rest inspired Trinity as they scored almost every time down the court and built up a 5 point lead. The teams traded baskets until the six-minute mark when senior Russ Philpot came alive and scored 6 straight points to bring the Engineers within one. With Trinity on top 59-58, Chris Roche made a nice steal but WPI couldn't capitalize on the turnover while Trinity went up by three. Again Trinity turned over the ball, this time courtesy of Gregg Fiddes, but again the Engineers couldn't score. At the 1:50 mark WPI committed their 7th team foul to being on the penalty situation. This made the difference in the game as Tech opted to foul in order to get the ball. The strategy backfired as Trinity hit 7 of their final 8 foul shots to put the Engineers away 72-64. Russ Philpot (18 pts.) and Orville Bailey (17 pts.) were WPI's high-scorers for the fifth time in as many games, while Philpot (5) and Jim Petropulos lead the way with rebounds.

III. This is a particularly special honor since the ECAC represents not only New England, but the entire East Coast region.

The Engineers' next home game is Saturday against a strong Middlebury team at 3:00 p.m.



## Ski team dominates league

by Dean Athans

The 1983 WPI Men's Ski Team finished the first half of the season with its best showing since 1980. The team competes in the Thomson Division of the New England Intercollegiate Ski Conference. Each week races are held against Boston University, Babson, University of Lowell, Franklin Pierce College, WNEC, St. Anselm's College and Hawthorne College. After five races, WPI holds a commanding ten point lead over second place University of Lowell.

The first three races were held at Mount Ascutney, Vermont before C Term began. In the first race, a giant slalom held on January 21, WPI took second place behind a strong Franklin Pierce team. The Engineers finished out the weekend with a second place heart breaker in which the team lost to Boston

University by five one-hundredths of a second in the slalom race on Saturday and finished third in the second giant slalom held on Sunday. Last weekend at Berkshire East, WPI skied to another near victory on Saturday, but lost by half a second to University of Lowell. In the fifth race on Sunday, however, the team posted its first victory of the season.

The key to WPI's success has been consistent performances by team captain Jeff Andrews, Frank Reeves, Craig "Chico" Therrien, Myles Parker and Dave Coffin. Individual standouts include a first place finish by Frank Reeves in the first slalom of the season at Mount Ascutney and back to back fifth place finishes by Chico Therrien in the two slalom races at Berkshire East. Next weekend the team travels to Mad River Glenn to defend its first place standing.

## Swimmers find going tough

by Ed Ford

The WPI swim team dropped to 2-5 as they returned for the second half of the 1982-83 season facing tough competition from Coast Guard, Lowell, and SMU. Fine efforts from the entire team and the addition of three new members have kept the team spirit alive though.

The loss of Captain Mike Healy from the team has left Coach Griffith with an all underclassmen squad. The team may lack depth now, but Whit is looking

swimmers fell easily, 70-25. The competition was tough, but the Engineers put up a battle. Bruce Carbone captured victories in the 200 free, with a new record time of 1:50:71, and the 20 breaststroke with a second in the 200 fly. Dave Jalbert took a 1st and 2nd in the 100 and 60 free respectively while Chris Lacey, Andy Gagnon and Drew Payson all took third in their events.

Saturday, February 5th, the Engineers fought a hard battle, but dropped to



Drew Payson.

— Walter Plante.

toward the next two years for experience and strength from incoming freshmen. For now, maybe the addition of Steve Mann, Joe Pierce and Kevin Lozeau have provided Whit with a larger squad needed for versatility to compete.

The Engineers had left for Christmas break with an admirable 2-2 record and returned ready to better their record, but the Lowell swim team left WPI in its wake with a 73-20 victory. Lowell cruised past the WPI swimmers in most events including the two relay events. Highlights for the Engineers included: Andy Gagnon, two third places in the 200 and 500 free events; Bruce Carbone and Ed Ford with a one-two combo in the 60 free; Chris Lacey with two-thirds in the 160 I.M. and 200 backstroke; Dave Jalbert, 2nd in the 100 free; Bruce Carbone 1st with a fine 2:24.28 in the 200BR.

The Engineers next faced the fine swimmers of Coast Guard as the WPI

Southeastern Mass. University 62-33. WPI swimmers kept the competition close throughout the meet and surprised SMU in some events. Bruce Carbone placed three times including two thirds in the 200 back and 200 breaststroke. In the 160 I.M. Carbone broke the record previously set by himself, by almost 2 seconds with an incredible 1:35.48. Gagnon took two seconds in the 200 and 500 free while Jalbert took two victories in the 60 and 100 free. The final 400 free relay team of Pierce, Lacey, Gagnon, and Jalbert cruised to a first place.

Overall the team has reduced all their times significantly since the beginning of the 1982-83 swim season. So far WPI swimmers have placed in the top 25 New England teams for 4 events. Bruce Carbone holds the 24th spot in the 200 I.M. and the 200 Breaststroke. The WPI relay teams hold two 21st spots in the

(continued on page 11)



## Women's Basketball wins eleven straight

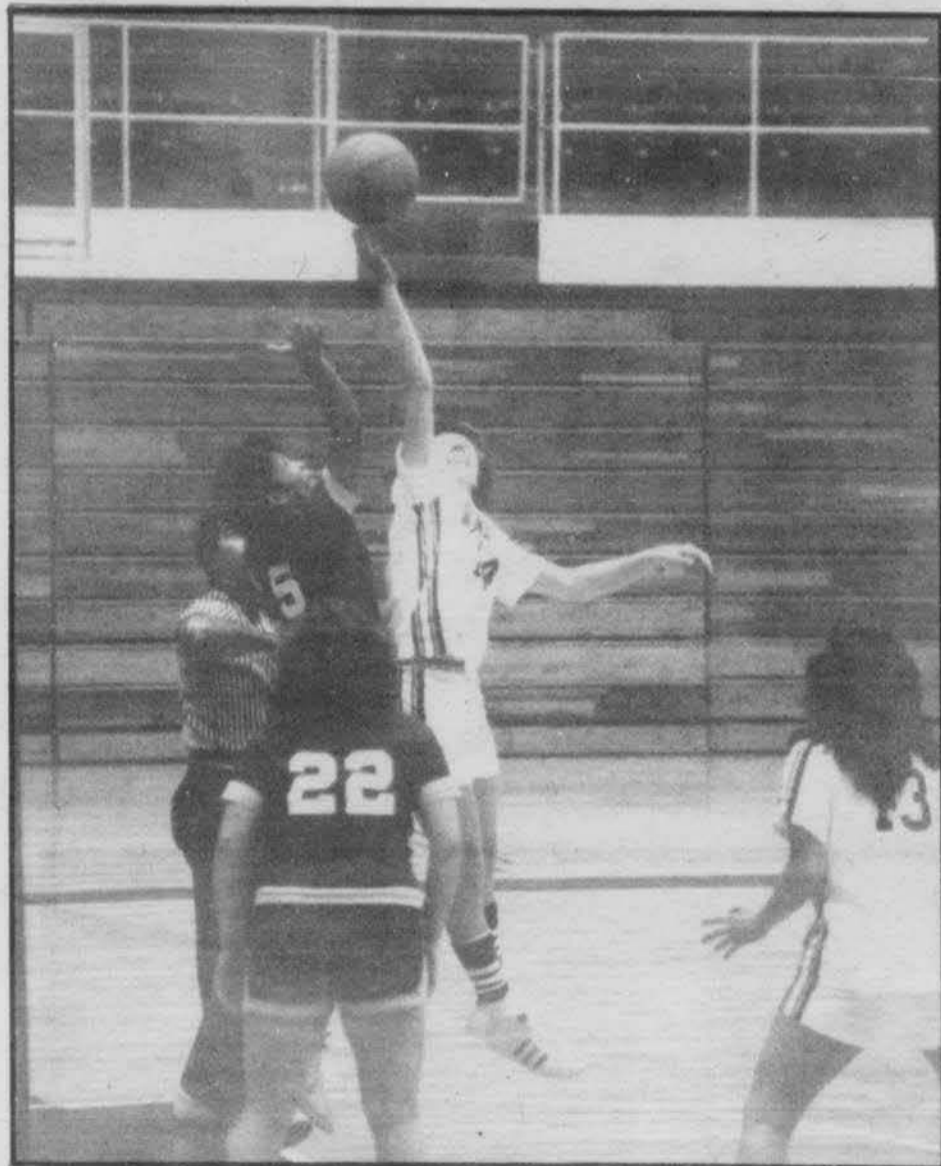
by Nancy McLane

With two victories this past weekend over Bates and Colby the WPI Women's Basketball Team has extended their win streak to eleven games. Friday night WPI beat Bates 66-60 in a game that was far more one-sided than the score indicated. Saturday afternoon's showdown with Colby, who was ranked 5th in New England NCAA and 20th in the National Division III Women's Poll, saw WPI 20 point victors with a 69-49 final score. This victory coupled with the team's 13-3 record should result in WPI being ranked in the New England polls.

This year's team has very interesting demographics. There are three seniors,

Fitchburg State, Anna Maria and Suffolk.

This year's team has height, speed and depth. Returning starters are tri-captain Terese Kwiatkowski at the forward position. "T" is keeping the pace this year which made her the first person in WPI history to score 1000 returns at center. Chi is her usual offensive and rebounding threat. Nancy McLane, another senior, tri-captain is contributing with solid rebounding and defense at the power forward position. Freshman point guard Cathy Murray has added much needed speed to the WPI offense. Kim Fay, the freshman shooting guard, is an offensive asset.



Kwiatowski controls jump.

— Erin O'Connell.

one junior and seven freshmen on the team. The team's relative youth is what accounts for the team's slow start this year. Before the Christmas break the women were 3-3, losing three straight to Assumption, Worcester State College and Rhode Island College. The wins came over Barrington, Framingham State and Western New England.

Over intersession, team's double session practices helped to mold the team into a more cohesive unit in the courts. Highlights of the past couple weeks victory are the following: WPI beat 7th ranked Trinity College 66-54. WPI downed Division II Merrimack 74-67 and Division III powerhouse, Gordon College 66-53. In the January 24th game vs. Coast Guard, WPI set a school scoring record with their 94-45 victory. Two weeks later the women again broke the record defeating Wheaton College 99-51. The team's other wins were over

The WPI bench, led by senior tri-captain Karen Casella, is the strongest in recent times. Casey substitutes at both the guard and forward positions and provides instant offense with her perimeter shooting. Freshmen Mara Catlin and Lauren Hagstrom add depth at the wings with their hard work. Donna Leonard and Erin Carroll substitute at either the forward or center position and provide inside rebounding strength. Freshman Amy Swotinsky is improving daily at the point position and will be seeing more playing time in the future.

The women's basketball team's next home game is tomorrow night (Wednesday) against Brandeis. Last year Brandeis handed WPI a 7 point loss which broke a seven game winning streak. The team will be looking for revenge, so come cheer them on to their 12th straight victory.

College and Brandeis while Tufts and Keene State should prove trying. In any event the swim team has shown fine effort and dedication in what is termed as a "rebuilding" year. In the future, the WPI swim team may move to be a top contender for the New England Competition.

## ... swimmers

(continued from page 10)

400 I.M. and 400 free relays. Missy Hurley has qualified for several New England events in women's competition while Carbone, Jalbert and Gagnon have an excellent chance for qualification in New England Competition.

The outlook for the rest of 1982-83 swim season looks promising. Coach



## Women's bowling win tourney

Men finish second

by Joe Grimes  
Newspeak Staff

On January 29, 1983 the women's bowling team won their first tournament in their ten year history. Led by freshman Robin Gately, who posted a 522 series, the women all bowled well above average posting a 2273 total and winning the team event by over 100 pins. After the doubles portion of the tourney, the women headed for the lounge as usual not paying any attention to their all-time high score in the team event. As the final scores were being posted for the day the men noticed that the women had won and when John Visbaras informed them of their feat he was nearly trampled as they ran from the lounge. The entire building echoed with screaming and yelling as the WPI women let the world know about their accomplishment.

As the awards were presented, WPI made many trips to receive their trophies. The women won the team event and the men finished second. Mike Williams and Dave Wesolowski won the

doubles portion of the tournament and Dave also won the singles posting a 627 series. WPI took home ten trophies and the men found themselves only 9 points behind WNEC in the league standings.

On February 5, 1983 the women made the bid for their second tournament win as they hit 2333 in the team event, sixty pins higher than last week. UMASS wouldn't let that happen as they edged out the lady Engineers by 13 pins.

In the Men's Division the scores skyrocketed as RPI hit 2972 destroying the previous high series by nearly 100 pins. Unfortunately, WPI had to bowl RPI in the team event and while they were only 26 pins behind, WPI only finished fourth in the Tournament. Dave Wesolowski finally won the only honor which has eluded him throughout his college career. Dave posted a 1308 and edged out Gordon Wasserman from BU by one pin to collect the all-events honors.

WPI plays their final league tournament this weekend at their home lanes in Auburn as they make their bid for the league title.

## Wrestlers add two more wins

by Paul N. Fortier  
and Daniel Mott

On Tuesday, February 1, the Tech wrestlers travelled to Hartford, CT. to face Trinity College. Six of the ten individual matches were decided by pins, and five of them were made by the fired up Engineers.

Freshman Bob Soares and sophomore Roland Marquis pinned their respective opponents to give Tech a quick 12-0 lead. Greg Langer, after wrestling up two weight classes against Lowell, returned to his named 142 lbs. and gave WPI a 15-6 lead by defeating his opponent 4-3. The next three matches put the meet away as Paul Wyman, Dan Farrar and Jim Ball each pinned their opponents. Ball's pin took just 43 seconds! Co-captain Mike Thorn fought hard and defeated Joe Aden of Trinity 6-2. George Duane and Steve Jackson finished out the meet by defeating their opponents 10-4, 11-3 respectively.

Unfortunately, John Keane was upset by Trinity's Nick Veronis by a pin in the first period, yet Tech won the match by an overwhelming score of 43-6 and improved their record to 13 wins — 1 scratch.

The next night the grapplers returned

to Alumni gym to wrestle MIT for their final home meet of the season. Seniors Mike Thorn, John Atkinson, Eric Soederburg and Lou Caldrello were all up for their final match before the WPI crowd. Rich Testa started the meet by overpowering his opponent and pinning him for a quick 6-0 lead for Tech. Marquis, then, received a forfeit making the score WPI 12, MIT 0. Dave Parker was up against a tough sophomore from MIT. Parker, who was unable to overcome his opponent's quick and strong leg moves, lost 11-4. Caldrello faced the 1982 New England champ. In the third period Caldrello injured his knee and was forced to default. Wyman, using his usual aggressive style, won a hard fought 13-7 decision. Farrar, who wrestled up one weight class, won 8-2.

The Engineers were 14-1 going into the tri-meet against Wesleyan and the University of Hartford on Feb. 5. Statistics for this meet were unavailable to Newspeak at presstime.

The team's last meet will be Feb. 9 at the U.S. Coast Guard Academy. There will be a spectator bus leaving at 5:00 p.m. for all those interested. Check in the Athletic Department for more details.



## Interested in Playing Rugby?

All Men and Women Welcome

No previous experience necessary.

Informational Meeting Feb. 10 at 4:00

Goddard Hall 227

For More Details stop by the Wedge.

Feb. 8-10, 11:00-1:00 p.m.



# College drinking may be abating for 1st time since the fifties

(CPS) — The number of students who drink alcohol — now estimated at 82 percent of the approximately 12 million college students in the nation — may have leveled off for the first time in two decades, two university researchers report.

Moreover, alcohol abuse and the side-effects of heavy drinking have also steadied for the first time in years, according to the preliminary results of a study of over 5000 college students in all 50 states last semester.

The number of students who drink has been rising steadily since the early 1950s, numerous studies and surveys over the years have found.

But now, the first nationwide survey of college drinkers indicates the 20-year rise in the number of student drinkers may have reached its apex.

"There have been a number of regional surveys done over the years, but because they were all done by different researchers in different parts of the country, they lacked continuity," explains David Hanson, associate professor of sociology at the State University of New York College at Potsdam, who co-authored the study along with Indiana University health and safety Professor Ruth Engs.

Based on research Engs had done in the mid-seventies, the two researchers say their new study points to a significant leveling off in drinking and alcohol abuse by students.

Engs and Hanson noted only a mar-

ginal increase in the level of student drinking, far below the rate of earlier years.

And while the number of drinkers appears to have peaked at 82 percent, Hanson and Engs add that heavy drinking and problems associated with alcohol abuse — fighting, lateness to class, and damaging of university property — are also leveling off.

The proportion of heavy drinkers has increased from 12 percent in the mid-seventies to 17 percent, not nearly the increase some officials had feared, Hanson says.

He thinks part of the reason for the leveling off might be because students are substituting other drugs, such as marijuana, in place of drinking.

Also, he says, with such a high level of students drinking already, any increase in drinking levels will most likely occur more slowly than in the past.

The study did find disturbing increases in some areas, though.

The number of students who drive while drinking, for instance, has increased from 26 percent in the mid-seventies to over 45 percent last fall. And the number of students reporting hangovers and other post-drinking health problems jumped from 57 percent to over 66 percent in the same period.

Women who labeled themselves as heavy drinkers also increased from just under five percent in the mid-seventies to over 11 percent, though the study found more men than women drink.

Among the other findings: white students drink more than black, religious students drink less, and the lower a student's grades are, the more apt he or she is to be a heavy imbibor.

And even if, as the study suggests, student drinking has leveled off, college officials still have to deal with significant problems related to campus alcohol abuse.

Accidents, vandalism and other crimes, and even occasional deaths have moved many campuses to institute new, get-tough drinking policies over the last few years.

Arizona State, for instance, has stopped selling beer at the school's stadium to help cut down on student alcohol consumption.

Administrators at Babson College have instituted a new drinking policy forbidding beer kegs in residence halls and fraternity houses, and banning all public drinking on campus.

At the University of Pittsburgh, where a football player fell to his death last month after drinking at a campus party, officials are developing tougher alcohol regulations and may even place a "moratorium" on student parties.

And a Youngstown State fraternity recently held its second "dry rush" in a year. New members like the idea, says Sigma Alpha Epsilon President Dennis Demartino, and members' grade point averages have increased dramatically since the "no alcohol" policy was instituted.



Put some spice in your life  
at the new Margaritaville



A Mexican & Restaurant  
Watering Hole

10 Prospect Street on Route 20  
Auburn, Mass. at

Chuck's  
Steak House

Phone: 832-2553



The Gillette Company

We invite  
**Mechanical Engineering**  
majors from the Class of 1983  
to interview with recruiters  
**February 15, 1983.**  
Please sign up now at the  
**Placement Office.**

An equal opportunity employer M/F.



# police NEWS

by Greg Doerschler  
Newspeak Staff

### Armed Robbery at Friendly's

Three black males in possession of a handgun and knife entered the Friendly's Restaurant on Highland Street at about 1:00 A.M. on Wednesday, February 2. After demanding money from the safe, they locked the employees in a freezer and fled. No one was injured in the incident.

### Suspicious Activity

WPI Police student security reported at 2:25 P.M. on Saturday, February 30 that there were several suspicious males loitering in the Stoddard lot. The males were identified and warned of trespass.

### Fire Alarm

A fire alarm was reported in Riley Hall on Sunday, January 30 at 2:00 A.M. The alarm was pulled on the basement level.

### Accident

An accident was reported at the intersection at Boynton Street and Institute Road at 5:00 P.M. on Monday, January 31.

### Clothing Stolen

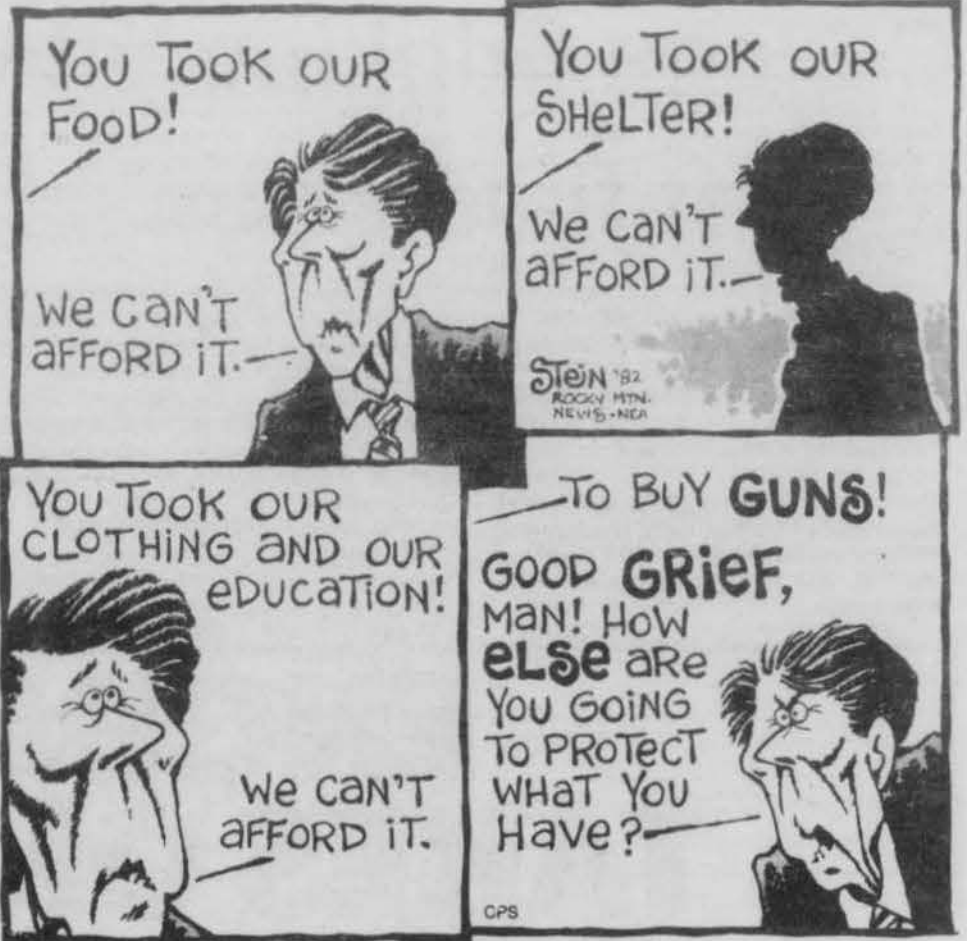
A WPI student reported that his clothing had been stolen from the Daniels Laundry room sometime Sunday night, January 30 or Monday morning.

### Damage Reports

A window in Riley Hall and the front glass entrance to Daniels Hall were reported broken on Friday night, January 28. Also, SNaP reported a discharged fire extinguisher in a residence hall the previous morning.

### Bed Recovered

A female WPI student was admitted to Stratton Hall on Wednesday, Jan. 2, at 9:40 P.M., to recover her bed.



# TERADYNE.

## From TERADYNE A Very Large Scale Invitation from a Technology Leader

*In electronics, the era of very large scale integration (VLSI) has arrived, leaving many companies with products suddenly obsolete and engineering staffs struggling to catch up.*

*But not Teradyne. Thanks to \$50 million spent on R & D in 1979-81, Teradyne was ready and waiting for VLSI.*

*Ready with VLSI memory testers, logic testers, analog testers, board testers.*

*Ready in Boston, Ma. and Woodland Hills, Calif., where Teradyne develops ATE for the electronics industry.*

*Ready in Deerfield, Illinois, center for Teradyne's telephone system testing operations.*

*Ready in Nashua, New Hampshire, where Teradyne produces backplane connection systems and state-of-the-art circuit board technology designed to meet VLSI packaging requirements.*

*This kind of technology leadership spells growth. Excitement. Challenge. Career opportunities you just can't find anywhere else.*

*Teradyne. A company ahead of its time, looking for some good people to keep it ahead.*

*For more information, see your Placement Counselor.*

# WE MEASURE UP.





## News on tap

(continued from page 2)

patrons, a minimum of inconveniences will be observed.

In other Pub news, the Busch brand of beer on tap has been replaced by Heineken at \$1.00 per draught. It has had a good reception, and Heineken will continue to flow as long as the demand is there.

The Pub has also purchased a new set of speakers for their stereo system in the backroom. This provides patrons the option of viewing a feature on the large T.V. screen, or listening to music in the background room, instead of having two TV's on at once.

Upcoming events in the Pub for the month of February include a Dance Night, Imported Beer Night, a Tuesday Happy Hour entertainment feature, and the showing of the "M\*A\*S\*H" two and one-half hour conclusion movie on the large screen.

## This year's Frosh more materialistic

LOS ANGELES, CA (CPS) — This year's freshmen are more concerned with material objects and professional status than their predecessors, but are slightly more liberal, according to the University of California at Los Angeles' annual nationwide survey of incoming students.

The ongoing shift in student interest from social and civil rights issues to preoccupation with jobs, success and making money has been evident for several years, says Dr. Alexander Astin, who directs the annual UCLA-American Council on Education survey of over 250,000 freshmen at some 500 colleges nationwide.

"The increasing concern for material gains and career success is something we've been watching for the last ten

years, and it just keeps on growing each year," Astin says.

Indeed, in listing their major concerns and objectives, over two-thirds of the 1982 freshmen said they want to "be well off financially," and over 70 percent cited "making more money" as their primary reason for going to college.

Ten years ago, fewer than half of the students surveyed listed finances or money as their main concerns, Astin says.

Career success is also very important to this year's entering class, the study reveals. Almost 75 percent of the respondents said it was very important "to be an authority in my field." More than half the freshmen wanted recognition and respect from their colleagues.

The freshmen also show a significant shift to the left in their politics, Astin reports. Sixty percent classify them-

selves as "middle-of-the-road" politically, 19 percent as liberals, and 18 percent as conservatives.

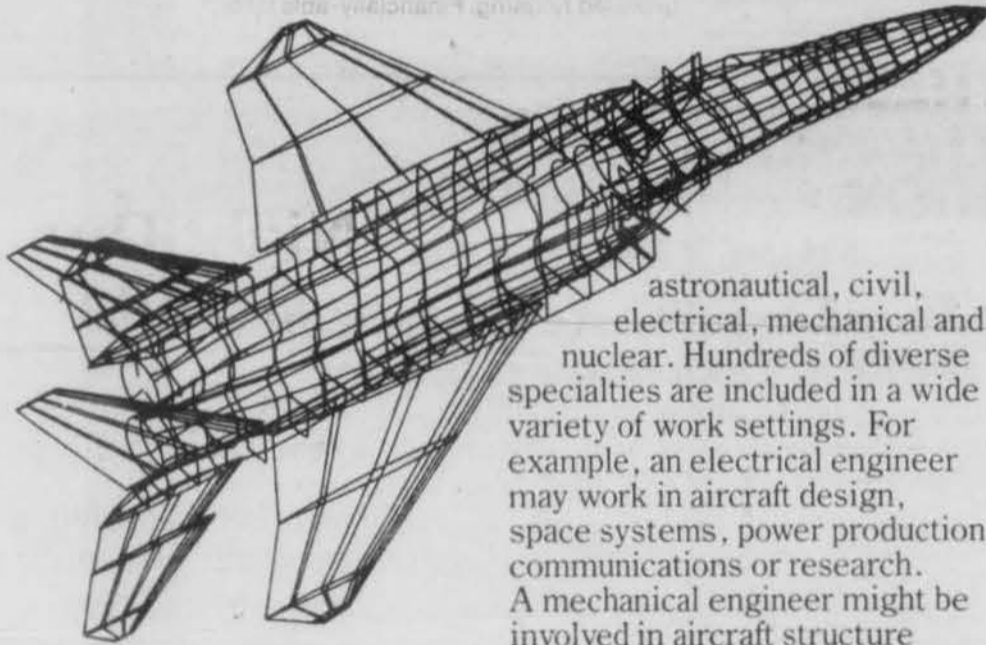
The results differ from last year, when for the first time in the survey's history conservatives outnumbered liberals in the freshman ranks.

"Since the early 70s when liberalism hit a peak, there's been a steady dropping off from liberal to middle-of-the-road," Astin notes. "This year's minor shift to the left is probably just a little rebound from that big decline."

As for their educational futures, 38 percent of the freshmen plan to stop after getting their bachelor's degrees. Half plan to go on for graduate degrees.

Twenty-nine percent also reported that their parents contributed at least \$2000 to their college expenses, compared with 24 percent in last year's study.

# ENGINEERING TAKES ON EXCITING NEW DIMENSIONS IN THE AIR FORCE.



Computer-generated design for investigating structural strengths and weaknesses.

astronautical, civil, electrical, mechanical and nuclear. Hundreds of diverse specialties are included in a wide variety of work settings. For example, an electrical engineer may work in aircraft design, space systems, power production, communications or research. A mechanical engineer might be involved in aircraft structure design, space vehicle launch pad construction, or research.

Developing and managing Air Force engineering projects could be the most important, exciting challenge of your life. The projects extend to virtually every engineering frontier.

### 8 CAREER FIELDS FOR ENGINEERS



Air Force electrical engineer studying aircraft electrical power supply system.

Engineering opportunities in the Air Force include these eight career areas: aeronautical, aerospace, architectural,

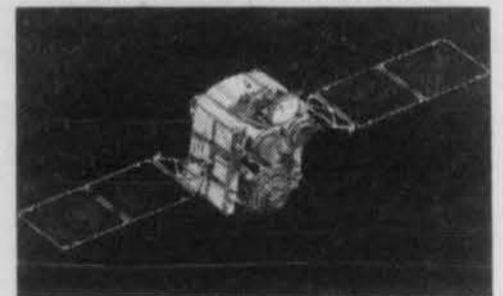
### PROJECT RESPONSIBILITY COMES EARLY IN THE AIR FORCE



Air Force mechanical engineer inspecting aircraft jet engine turbine.

Most Air Force engineers have complete project responsibility early in their careers. For example, a first lieutenant directed work on a new airborne electronic system to pinpoint radiating targets. Another engineer tested the jet engines for advanced tanker and cargo aircraft.

### OPPORTUNITIES IN THE NEW USAF SPACE COMMAND



Artist's concept of the DSCS III Defense Satellite Communications System satellite. (USAF photo.)

Recently, the Air Force formed a new Space Command. Its role is to pull together space operations and research and development efforts, focusing on the unique technological needs of space systems. This can be your opportunity to join the team that develops superior space systems as the Air Force moves into the twenty-first century.

To learn more about how you can be part of the team, see your Air Force recruiter or call our Engineer Hotline toll free 1-800-531-5826 (in Texas call 1-800-292-5366). There's no obligation.

## AIM HIGH AIR FORCE



# classifieds

**TYPING** — Reasonable rates. Mrs. Cahill, 755-8551.

**Computer Science Competency Examination** March 14-18, 1983. Application form available from C.S. department. Deadline 4:00 p.m., Tuesday, February 15, 1983.

**SALES REPS WANTED** — Need extra cash? Self-motivated? Want to set your own hours? Be your own boss. Become a sales representative for ARK Student Bedding, Inc. Income potential is up to you. Must have own phone. For further information write: ARK Student Bedding, Inc., P.O. Box 534, Wenham, MA 01984.

Keep pushing Mary, Love Jeff

Jim Beam — Happy B-Day for your big 20. DOMO

We love you Jackie sign BLH JPC and friend!

WILL GAS GET MORE SALTPORK

DOES ANYONE KNOW if Matt has HBO? — S & G Fan

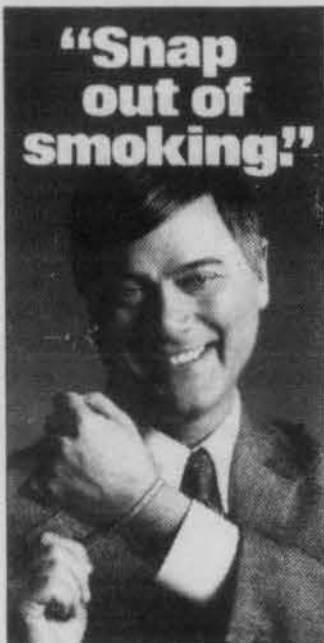
**QUESTION:** Where is The DLQ making its next appearance? A) ATO B) OX C) WPI Pub Answer: B — Feb. 12, 9:00 p.m.

Bon, what would an androgynous woman answer to #10?

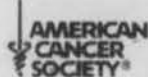
Mar, What do you think of the word "funky"?

Congratulations **UNCLE Brett** . . . she'll be a fox, don't you worry.

Brett, what did you find in your bed the other night?



"Whenever you feel like smokin' a cigarette, instead of strikin' up a match, strike up the band—the 'Larry Hagman Special Stop Smokin' Wrist Snappin' Red Rubber Band'. Get one free from your American Cancer Society."



This space contributed as a public service.

NEWSPEAK will run classifieds free for all WPI students, faculty, and staff. Free classifieds are limited to 6 lines. Those over 6 lines must be paid for at the off-campus rate of 35 cents/line. 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. Forms must be filled out with name, address, and phone number for ad to be printed. No last names or last name initials will be printed in personal ads.

NAME \_\_\_\_\_ PHONE \_\_\_\_\_

ADDRESS \_\_\_\_\_ TOTAL ENCLOSED \_\_\_\_\_

AD TO READ AS FOLLOWS:

Allow only 30 characters per line.

_____	1
_____	2
_____	3
_____	4
_____	5
_____	6
_____	7
_____	8
_____	9

All classifieds subject to space limitations.

## College costs: tuition and a condo?

**Campus Digest News Service**  
Some parents are finding an alternative to "throwing away" money on their kid's dormitory housing while in college. They are buying condominiums.

This new method of investing in your children's education is being spurred on at many colleges by a lack of school-provided housing. Financially-able fam-

ilies are finding that purchasing a condominium allows the student a place to live, and gives daddy a tax break, as well as providing rental income if roommates are sought.

Even if the condominium is sold after four years, the tax breaks are usually worth it, and the likelihood of selling the unit at a profit is also an incentive.

## ENGINEERING MAJORS HAVE ENOUGH STRESS WITHOUT HAVING TO WORRY ABOUT TUITION.



If one of the angles you've been studying lately is a way to pay your tuition costs, Army ROTC would like to offer some sound advice.

Apply for an Army ROTC scholarship.

Recently, we set aside hundreds of scholarships solely for engineering majors like yourself.

Each one covers full tuition, books and other supplies, and pays you up to \$1,000 each school year it's in effect.

So if the stress of worrying about tuition is bending you out of shape, get some financial support. Apply for an Army ROTC scholarship today.

For more information, contact your Professor of Military Science.

**ARMY ROTC. BE ALL YOU CAN BE.**

At WPI  
Call or Visit  
Capt. Labrecque  
Harrington Aud.  
WPI 793-5466

## Night Owl Donuts



Night Owl Donuts is now open 'til 5 p.m.

Now baking muffins, brownies, pies, and all your favorites.

This month 10% discount with WPI ID.

## Summer School at WPI

TUITION — SPECIAL 20% REDUCTION

Term E83 Brochures are now available in the summer school office which is located in the Project Center.

Send me more information on Army ROTC.

Name \_\_\_\_\_ Telephone \_\_\_\_\_  
 (PLEASE PRINT)  
 Date of Birth \_\_\_\_\_ Street No. \_\_\_\_\_  
 College Planning to Attend \_\_\_\_\_  
 City/State/Zip \_\_\_\_\_ A Location \_\_\_\_\_

CLIP AND MAIL TO: Attn: Cpt. Labrecque  
 ARMY ROTC Harrington Aud.  
 WPI  
 Worcester, MA 01609



# WHAT'S HAPPENING

## Tuesday, February 8

LIBRARY RESOURCE WORKSHOP, Reference Dept., 11:00 A.M.

## Wednesday, February 9

LIBRARY RESOURCE WORKSHOP, Reference Dept., 11:00 A.M.  
 WOMEN'S BASKETBALL vs. Brandeis, 7:00 P.M.  
 CONFIRMATION PREPARATION, Religious Center, 9:00 P.M.  
 VARSITY HOCKEY vs. URI, 9:30 P.M.  
 WEEKDAY MASS, Religious Center, 10:00 P.M.

## Thursday, February 10

LIBRARY RESOURCE WORKSHOP, Reference Dept., 11:00 A.M.  
 COFFEEHOUSE, "Dick McCormick", Wedge, 9:00 P.M.

## Friday, February 11

LIBRARY RESOURCE WORKSHOP, Reference Dept., 11:00 A.M.  
 DANCE DAZE, Alumni Gym, 8:00-11:00 P.M. (\$2.00)

## Saturday, February 12

VARSAITY BASKETBALL vs. Middlebury, 3:00 P.M.  
 PUB ENTERTAINMENT, "White Noise", 8:30 P.M. (50¢)

## Sunday, February 13

SUNDAY MASS, Alden Hall, 11:00 A.M.  
 THE REEL THING, "The World According to Garp", Alden Hall, 6:30 and 9:30 P.M. (\$1.00)

## Monday, February 14

CHEMICAL ENGINEERING COLLOQUIA, "Methanol Oxidation to Formaldehyde over Molybdate Catalyst", Goddard Hall, Rm. 227, 11:00 P.M.  
 SPECTRUM FINE ARTS, "Edward Flower-Guitar and Lute", Alden Hall, 8:00 P.M., Free.  
 VARSITY HOCKEY vs. Brandeis, 9:00 P.M.

## This Desk Can Reach Mach 2.

Some desk jobs are more exciting than others.

As a Navy pilot or flight officer, your desk can be a sophisticated combination of supersonic jet aircraft and advanced electronic equipment. But you can handle it. Because Navy flight training gives you the navigation, aerodynamics and other technical know-how you need.

In return, Navy aviation demands something of you as an officer: Leadership.

Your path to leadership starts with officer training that's among the most demanding in the military. It's intensive leadership and professional schooling combined with rigorous Navy flight training. And it's all geared to prepare you and other college graduates for the unique challenge of Navy aviation. The program is tough but rewarding.

One important reward for Navy officers is decision-



making authority. In the air, and on the ground, you have management responsibility from the beginning. And your responsibility grows as you gain experience.

No company can give you this kind of leadership responsibility this fast. And nothing beats the sheer excitement of Navy flying.

The salary is exciting, too. Right away, you'll earn about \$18,300 a year. That's better than the average corporation will pay you just out of college. And with regular Navy promotions and other pay increases, your annual salary will soar to \$31,100 after four years. That's on top of a full package of benefits and privileges.

Before you settle down to an earth-bound desk job, reach for the sky. Reach for the coupon. Find out what it takes to be part of the Naval Aviation Team. You could have a desk that flies at twice the speed of sound.

NAVY OPPORTUNITY		W 210
INFORMATION CENTER		
P.O. Box 5000, Clifton, NJ 07015		
<input type="checkbox"/> Please send me more information about becoming a member of the Naval Aviation Team. (QA)		
Name	First (Please Print)	Last
Address	Apt. #	
City	State	Zip
Age	+College/University	
±Year in College	♦GPA	
▲Major/Minor		
Phone Number	Best Time to Call	
(Area Code)		
This is for general recruitment information. You do not have to furnish any of the information requested. Of course, the more we know, the more we can help to determine the kinds of Navy positions for which you qualify.		
MG 9/82		

## Navy Officers Get Responsibility Fast.