

Faculty Votes for Changes to Grading Policy

by Chrys Demetry
Academic Committee Chairperson

At the February and March faculty meetings several motions were passed which are of importance to students. First, a proposal by the Committee on Academic Policy for changes in grading policy was approved.

The deferred grade (DEF) will no longer be used for grading. Project advisors will now have two options for the grading of project work. An "SP" grade has been established to denote "satisfactory progress." Unlike the deferred grade, the SP grade will carry credit. The SP's will automatically be changed to the final project grade when the Completion of Degree Requirement (CDR) Form is submitted.

The advisor's second option is to continue using A/B/C or AD/AC, giving the student a more precise evaluation of the term's work. With this second method, the advisor will still have the option of changing term grades when the final project grade is submitted. Because of the two existing options, it will be important for students and advisors to

discuss grading before project work begins.

An "incomplete" grade (I) has been established for coursework only. Any student who for a legitimate reason is not able to complete a course may be assigned an "I" to be replaced later by an A/B/C/AD/AC/NR.

CAP's proposal originally called for a seven week "window" in which grade changes would have to be made. An amendment was passed, however, striking that limit from the policy. The new policy will take effect on August 1, 1987.

Faculty also approved a new teaching evaluation form designed by the Ad Hoc Teaching Evaluation Committee. Use of the new form will begin this D-term and continue for a one year trial period.

The faculty also approved a new student Project Evaluation Form. According to their report, the Ad Hoc Committee felt that "since no organized measure of student

perception of project advising had been done, evaluation of faculty teaching rested largely on course performance, certainly an anomaly in WPI's project based program." Similar in structure to the new teaching evaluation form, the project form will be filled out by students at the end of the project but before the final grade is assigned. In most cases, forms will be returned to the advisor after the student has graduated.

The original proposal called for the statistical summaries of the forms to be made available to the Dean of Faculty and Department Heads. An amendment was passed, however, establishing that the forms would be returned to the project advisor only, for his or her self-improvement. Faculty may make their forms available for tenure and promotion review at their own discretion.

So that the entire campus can know students' general perceptions of the quality of project advising, a statistical summary will be compiled by the Registrar, with all

references to particular project advisors removed.

The final recommendation of the Ad Hoc Teaching Evaluation Committee was to establish departmental peer review of faculty teaching. Faculty approved the motion, but again with a qualifying amendment. Originally, the peer review was to be used for promotion and tenure review. An amendment was passed striking all references to the Dean of Faculty and tenure and promotion committees. Once again, individual professors may choose to make the peer review available at their own discretion.

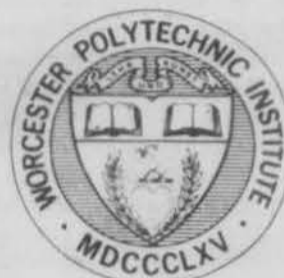
At the March faculty meeting, a graduate program in Advanced Manufacturing Engineering was approved. Faculty also endorsed the Committee on Educational and Professional Development's recommendation for an Educational Development Council, in particular the \$75,000 allotment for the hiring of a director of the EDC.

WPI Newspeak

The student newspaper of Worcester Polytechnic Institute

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Tuesday, March 31, 1987



Work Study Reduced to Six Hours — Budgetary Error Discovered

by Jeffrey S. Goldmeier
Associate Editor

Last Friday, Michael Curley, the acting director of Financial Aid sent a letter to all undergraduate student employees announcing that the weekly hour limit is to be reduced to 6 hours per week.

This announcement had become a necessity, after officials in the Office of Financial Aid discovered that "recent audits and projections indicate that the student employee payroll will be facing a deficit of as much as \$60,000."

This discovery comes at the tail-end of WPI's fiscal-year (June 30), and officials were reluctant to create a new debt.

After discussion with Vice Presidents Brown and Ribeiro, as well as Bob Voss, the executive Director of Admissions & Financial Aid, it was decided to cut hours from all students instead of forcing some students out of the work study program.

The error itself comes out of a complex situation. Work study students are paid from two accounts, the institute work study fund, and a federal work study fund. The federal money arrives at WPI at the beginning of each fiscal year. However, there is no set guarantee as to how much money the school will receive.

During the present fiscal year, the federal money was approximately \$70,000 less than the previous year. Mr. Curley stated that "normally the institute funds make up the difference." This did not happen this year.

This situation has already had an adverse effect on the campus. The library, which uses students as attendants at the front desk, is facing difficulty as are other service oriented areas.

The Aptlab in Higgins Labs, which provides computer services for the campus, was forced to greatly reduce the numbers of hours that it is open. This will directly affect students who need to use those computers for classes or projects.

This situation is also forcing the administration to take a closer look at the work study program. Mr. Curley has stated that for next year's financial aid packages, upperclassmen will be notified of work study eligibility in their award letters. This will be the first time that the financial aid office is doing this. This re-evaluation will also include looking at the number of students who have a work study job through an aid package, as opposed to those who 'walk-in' and get a job.

The future, to some degree, is uncertain. For those who are staying E-term and want a work-study job, the funds might be available; the administration should know by the beginning of E-term. Secondly, the monetary instability of this year should not affect next year's work study program, other than changes made in the administration of the system.

Dorm Rates Increase

by Helen Webb
Sports Editor

The cost of living in WPI's residence halls is increasing next year by about 7.5% for all types of accommodations. The price of living in a double, triple, or four person suite is increasing from \$1745 to \$1880 for the 1987-88 academic year. A single-occupancy room will cost \$2280, up from \$2120. Ellsworth/Fuller apartments are going from \$2180 to \$2345 for a two-person apartment, \$2085 to \$2240 for a three-person apartment, \$1825 to \$1960 for a five-person apartment, and \$1715 to \$1845 for a seven-person apartment. Founders hall will still be the most expensive place to live on campus. A single in the two-person suite will cost \$2950 this year, up from \$2745 last year. A single in a four-person suite will cost \$2660 and a double will cost \$2800, up from \$2470 and \$2600 last year. The cost of living in a single in a six-person suite has gone from \$2300 last year to \$2470 this year, and the price of a double

has gone from \$2410 to \$2590.

The price of living on campus at WPI is comparable to the cost of housing at other private colleges in the area. A room at Holy Cross will cost \$2100 next year. A single at Clark costs \$2450; a double, \$1750, and a triple \$1,450.

According to Paul Outerson, Director of Housing, the price hikes were needed to keep up with inflation and to make up for the late seventies and early eighties, when colleges did not hike dorm costs enough to keep up with the high inflation of the period. One of the main culprits in this year's increase of prices was the skyrocketing of the amount the institution must pay for waste disposal. Because there are no more landfills open in central Massachusetts, waste must now be hauled long distances. The cost of disposing of a ton of garbage has gone from \$33 to \$90 a ton, and is still increasing.

Three Student Projects Win President's IQP Awards

(WPI News Service) - Was Benedectin, a drug withdrawn from the market in 1983 after reports that it caused birth defects, wrongly accused? Can the same lines that bring cable television into millions of American homes also be used by electric utilities to read electric meters? And, what are the most effective ways to educate high schools about careers in engineering?

These were the questions tackled by the winners of the 1987 President's IQP Awards at WPI. The awards are presented each spring to the student teams that complete the best IQP during the last year.

This year, 36 student submitted their IQPs for consideration by a panel of WPI faculty. Six student teams were selected to give oral presentations before a panel of judges that included WPI president Jon C. Strauss; Worcester city councilor and former mayor John Anderson, who is also professor of history at the College of Holy Cross; Richard H. Gallagher, vice president and dean of the faculty at WPI; and Lionel R. Freidman, WPI professor of electrical engineering. The

three winners were chosen by this panel.

The winners are:
— Robert P. McGuirk, a senior (MGE), and John E. Phelps, a senior (ME), who took a look at whether the studies of the drug Benedectin, used until 1983 to treat cases of morning sickness that did not respond to traditional treatment, support the contention that it causes birth defects.

To gauge Benedectin's guilt or innocence, McGuirk and Phelps examined 21 studies of women who had used the drug as well as five animal studies of the drug's safety. They concluded that there is virtually no evidence to link Benedectin with birth defects. McGuirk and Phelps said their case study showed that, with fears of liability, even products that are apparently safe and effective can be forced from the market.

— Thomas R. Bogaczyk, a sophomore, Mark S. Hansen, a junior, and Nicholas M. Werthessen, a junior, who looked at the feasibility of using cable television lines to read electric meters.

(continued on page 6)

WPI Wrestlers Finish First

by Helen Webb
Sports Editor

The WPI wrestling team once again had a victorious season, finishing 17-2 in dual meet competition. The team's consistently excellent performances earned the Engineers the rank of number one in New England Division III competition. The team was ranked 20th in the nation among Division III teams at the season's end. The team is ranked third among all New England teams.

The Engineers ended the season February

27/28 by winning the team championship of the New England College Conference Wrestling Association (NECCWA). The Engineers scored a tournament record 163.5 points, 73 ahead of second place Coast Guard. It was the team's second championship in three seasons.

WPI wrestlers placed in every weight class, and two WPI wrestlers won the champion-
(continued on page 12)



Students forget about classes just long enough to enjoy some sunshine and great spring weather on the quad last week.

EDITORIAL

Work Study: Are There Other Options

The work study program since its institution has become an important part of the system here at WPI as well as many college campuses around the country. The two primary functions of this program, financial aid for those who need the money and provide the campus with cheap labor to carry out many vital functions, have been seriously damaged by the recent decision to limit work study to six hours a week and the series of events that led to this action.

The most obvious repercussion is that many students who genuinely need the money will be cut short. A four hour cut in time will not differentiate between those who need the money and those who do not. Students in need will be at a greater disadvantage.

Why does this have to happen. Each year parents, students, and the financial aid department fill out numerous forms, add and subtract numbers, to arrive at a need quotient. This should play a much greater role in the allocation of work study funds. A step in the right direction has been made by announcing work study eligibility with financial aid awards instead of finding out the beginning of A-term.

The more serious result that the cut in hours has will be its effect on the functions of the campus. Many departments who need work study students will be overloaded with menial jobs that students should be doing. Computer labs will be forced to cut hours, putting pressure on students who need computer time for classes. The library depends on students to stay open late and with cut student hours might have to limit services to the campus.

The decision to limit hours across the board was not the only alternative. A possible debt of \$60,000 by continuing with no action is one choice to give the students a fair shake and to preserve the quality of education by keeping services running smooth.

Another more viable solution is to transfer existing student employees from one department that has an excess of workers to those departments that need them while keeping the six hour week and hiring freeze in effect.

A quality education should be the first priority at WPI. Is \$60,000 too much to maintain that portion of quality that work study affects? Should quality be sacrificed to make paperwork easier for the financial aid office? These questions should be addressed. A debt of \$60,000 is debatable, but if the transfer of students of students to make essential functions run smoother are possible at the expense of some extra paperwork it should be looked into.

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 editors 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 9:00 a.m. on the Friday preceding publication. Send them to WPI Box 2700 or bring them to the Newspeak Office, Riley 01.

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

Newspeak

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The student newspaper of Worcester Polytechnic Institute
Box 2700 WPI, Worcester, Massachusetts 01609
Phone (617) 793-5464

editor-in-chief
Jim Webb

news/features editor
Mark Osborne

faculty advisor
Thomas Keil

circulation manager
Tim Desantis

photography editor
Chris Pater

business/
advertising editor
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LETTERS

Boo-Bü Defended

To The Editor:

I do not normally write letters to Newspeak but when an issue as important as the comics comes up I cannot remain quiet. I found Mr. Gikas's criticism of "Boo Bu" unfounded and ignorant. "Boo Bu" is, in my opinion, the funniest strip in Newspeak. It is original, socially and politically aware, and just a little crazy. This is the mind set that we need more of at WPI and less of the mindless trendiness that is so

well captured in "Borderline by Us." Even the main character is a trend, copied, by the way, from a strip with completely the opposite message of "Borderline by Us." People who do not understand Boo Bu's message either are not willing to put forth the effort to really read it and thus have no grounds for criticism, or else they have no idea of what is going on in the world around them.

- R. Dodson, G.S.

COMMENTARY

My View from the Fourth Estate Work Studies Unite!

by Joshua Smith

Arise, work-study students! Arise and fight for your rights as college students! It is time for the oppression to end. It is time for work-study students to organize. It is time for Work-Study Local 101. Unionize, fellow Americans, unionize!

The idea really isn't all that silly, you know. Just look at the facts: no job security; no wage security; no benefits; no formal channels for protest; and no guidelines for pay scales (the student who sits in a computer lab doing his homework, the student who spends his time typing, collating, filing and stapling, and the student who assists faculty members with research data analysis are all paid the same wage). These are conditions which naturally lead to the formation of unions, and I want to know why the students of WPI have never formed one.

The financial aid office has mandated that no more work-study students be hired during D-term, and that most of those who keep their jobs must work reduced hours. I remember talking to one of the heads of financial aid two years ago. He told me that work-study isn't really financial aid; it's more like an allowance. He doesn't seem to realize that many students depend upon this income for survival. These jobs are just as real to students as the staff positions are to the people in the financial aid office. In the business world, when the accountants screw up the budget, they're fired. At WPI, when the financial aid office screws up its budget, the work-study students are fired. That doesn't sit square with me, and I'm sure other students share my feelings.

A Work-Study Union would provide an invaluable service to its members. I don't care if work-study jobs are supposed to be trivial and easily assumed by staff members; I contend that a school-wide work-study strike would bring this school to its knees within a fortnight. The students should demand a contract guaranteeing a reasonable level of

job security, and that a reasonable school-wide pay scale be established that actually correlates wages to job difficulty. The students could certainly negotiate for some benefits (reduced health insurance rates, workmen's comp, etc.). Contractual agreements are standard for workers, and the work-study students deserve them.

The union could provide a bevy of other services to the students as well: black-lists of departments who exploit their work-study students; an efficient job placement system, helping to match available students to available jobs; legal council in cases involving exploitation or discrimination; and, together with similar unions around the country, a powerful political action committee (PAC), fighting for increased aid to higher education, federal teacher competence requirements, or whatever political issues the students see fit. The PAC would, by the way, be a necessity, since work-study funds originate at the federal levels.

If this is such a good idea, you ask, then why hasn't it already happened? My guess is that it has to do with the short time students spend in college. Since few students will be on the work-study payroll for more than four years, there is little motivation for students to start such an organization. The best solution to this problem is to start the union as a distinct part of another related union, perhaps the public school teachers union or one of those huge unions which deals with workers in general. As the membership grows, and students from more schools get involved, the union could break out on its own.

Unionization has done great things for the country, and it can do great things for this school. All it takes is the commitment of the students to take action and stand up for their rights as students, as workers, and as citizens of the United States.

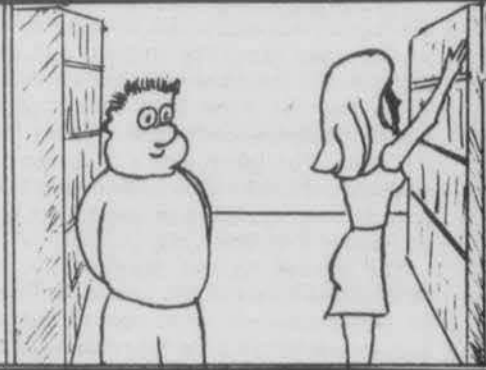


COMMENTARY

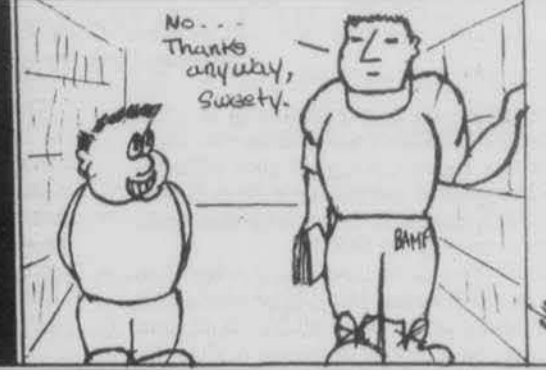
Borderline

By Us

One night, in the basement of a certain library whose lights are on automatic timers...



Allow me to help you with that, beautiful.



No... Thanks anyway, Sweetie.

Boo-Bü the Stick Figure

by Brian Freeman

The National Security Advisor
a play in one act
by Phyllis Schaffly



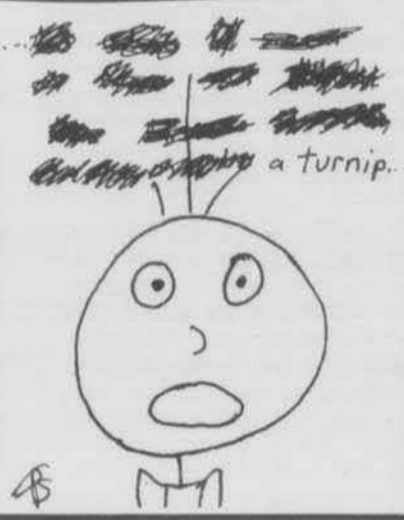
...yes, Mr. President,

[scribbled text]



...Sir,

[scribbled text]



"... The more pity That fools may not say wisely what wise men do foolishly ..."

— William Shakespeare
As You Like It

Newsmaker



RONALD REAGAN
President

Waghorn
CPS



Sime Waghorn
CPS



Woody Allen

CPS



ORAL ROBERTS
Evangelist

Waghorn
CPS



CLASS NEWS

Open Letter to the Senior Class

by Kevin C. Perkins
Senior Class President

Welcome back to our final term at WPI. While all of you were out sunning your buns in warmer regions, we, your class officers, have been almost working up a sweat to plan some #&/S-kicking activities for senior week, which is coming up SOON.

What? You don't have a clue what time your MA 1014 class is, so how would you know about senior week stuff? Well, you no longer have to lose sleep over finding the right person to ask in The Wedge, 'cause this Thursday night, **It will all be explained to you!** That's right, we are having another action-packed class meeting (Due to the subject matter to be discussed, pregnant women are advised to consult their doctor before attending).

When you leave, you will be wondering how you survived the ordeal, since your duly-elected class officers will be leading a discussion of matters absolutely vital to your success in the days and weeks before graduation.

This happenin' event will take place Thursday night at 7pm in Gompel's Place, and you don't want to be left out of the excitement of being surrounded by 500 people who you most likely don't know (but could be sharing a hotel room with in Hyannis, if you're not careful), so you'd better show.

So get yourself together, seniors, 'cause you've gotta **Fight for your right to Party!**

Unofficial Calander of Events for Seniors

May 5 - Graduation Rehearsal 11 am - noon in Harrington
12 - Senior Dinner Dance at the Sheraton Lincoln Inn
13, 14 & 15 - Cape Cod Trip [show up at the meeting to find out where!]
16-21 Explore the bars of Worcester week (Visit your favorite waterin' holes)
22 Parents Night at Wachusett Country Club
23 Graduation (yay!)

Academic Committee Positions Available

Participation in the student Academic Committee is an excellent way to get involved in student government and have input into the many decisions made by faculty throughout the year. Positions on the following faculty committees are available for the 1987-88 school year:

Educational Development Council - One student is needed to serve on this recently developed council, which will sponsor and evaluate educational development and experimentation on campus.

Committee on Academic Operations - CAO makes recommendations to the faculty regarding courses, projects, and programs. CAO also acts upon petitions for exceptions to the established academic rules.

Committee on Student Advising - CSA works to improve the advising and counsel-

ing systems and also deals with student life issues.

Institute Budget Committee - Recommends annual budget.

Faculty Awards Committee - FAC chooses the faculty member to be honored for outstanding teaching.

In addition to serving on a faculty committee, each student is also a part of the larger Academic Committee, comprising all student representatives. The Academic Committee meets regularly to discuss all the issues of the committees, with emphasis on academic policy.

Selection of Academic Committee members is made by an interview process. Interested students should contact AC chairman Chrys Demetry, Box 2440 by this Friday, April 3.

Student Counseling Center Seminar Schedule D-Term 1987

1. **Creativity and Problem Solving** - This seminar will present methods and techniques for enhancing creative problem solving. Common barriers to creativity and ways to overcome them will be discussed. A problem-solving process of wide applicability will also be presented. Enrollment is limited.

Wednesdays: 4/8, 15, & 22, 10:00 - 12 Noon (Attend all)

Student Counseling Center Seminar Room
Leader: Harry M. Merryman

2. **Introduction to DISCOVER** - DISCOVER is a computer assisted career guidance system which enables students to: assess personal interests, values, and attitudes; explore career options (in-depth occupation descriptions); obtain information on educational institutions (4yr/graduate colleges/universities). Prior to scheduling a time to use DISCOVER, students must see a counselor or attend one of these orientation meetings at the following times:

Wednesday: 4/8, 4:30-5:30 or 7:00-8:00 PM

Student Counseling Center
Leader: Carol Theisen

3. **Reducing Final Exam Anxiety** - A workshop focusing on the behavioral, emotional and thinking aspects of exam panic and test anxiety. Participants will learn relaxation, thought changing and positive imagination techniques to control stress in a variety of testing situations.

Tuesday: 4/14, 6:00-8:00 PM

Student Counseling Center Seminar Room
Leader: James E. Groccia

4. **The Power of Positive Thinking** - This seminar will explore the effects of positive thinking. Participants will evaluate their thought patterns and learn to distinguish between negative, unproductive thinking and positive, productive thinking. Outcomes can be influenced by thoughts!

Tuesday: 4/28, 6:00-8:00 PM

Student Counseling Center Seminar Room
Leader: James E. Groccia

Students Gather in Washington to Ban Tests

On April 2, college students from across the country will take action to help stop the nuclear arms race. The students will participate in the fourth annual University Lobby to End the Arms Race sponsored by United Campuses to Prevent Nuclear War (UCAM). The lobby day is a chance for students and faculty nationwide to urge Congress to pass legislation calling for a Comprehensive Test Ban treaty (CTB).

The Mutual Nuclear Warhead Testing Moratorium bill (H.R. 12), now in the House of Representatives, was introduced by Representatives Patricia Schroeder (D-CO) and Richard Gephardt (D-MO). With a vote likely in early April, the April 2 Lobby Day can make a real difference.

UCAM, the only organization devoted to building a campus movement to end the arms race, holds the annual event to teach students effective citizen skills for a lifetime of use.

Wendy James, a Furman University student who attended last year said, "It's great to see how many people are concerned and willing to act. I felt empowered by the experience and plan to continue working to stop the arms race."

Lobby Day is more than an opportunity to lobby for an end to the arms race. The event includes briefings with national arms control lobbyists, a march to the Capitol

followed by a rally on the Capitol East Side to ban nuclear tests, and appointments with participants' Congresspersons.

The students who travel to Washington for Lobby Day do make an impression on their Congresspersons. Representative Claudine Schneider (R-RI), a past Lobby Day speaker, says, "College students are one of the greatest untapped resources of the peace movement. It's their futures we're talking about—so it's heartening to see them show their concern by participating in a project such as this."

This year, for the first time, UCAM is offering a Leadership Development Program on the day following Lobby Day. The April 3 workshops will train students in such skills as organizing educational events, working with the media, fundraising, and getting nuclear war curricula on campus. Participants will also receive additional information on the skills taught in the form of a training packet.

The cost of participating in the events in \$10. Housing will be arranged by the national office for a nominal fee. The registration fee includes a one year membership to UCAM and a subscription to the monthly **Network News**.

For further information, contact UCAM at (202) 543-1505, 220 I Street, NE, Room 130, Washington, D.C. 20002.

New Program Plants Seeds of Scholarship

(WPI News Service) - Worcester Polytechnic Institute has announced the creation of a Research Development Council (RDC) to provide its faculty with the seed money they need to get new research projects off the ground. The Council recently approved \$100,000 in research support grants to 16 individual researchers and research teams, the first installment in what is expected to be at least a \$1 million commitment over five years.

"This is a significant step for WPI and represents a major investment in scholarship," according to Richard H. Gallagher, vice president and dean of the faculty. "The \$1 million we will allocate to our faculty between now and 1991—an average of about \$5,000 per full-time faculty member—is a substantial commitment for a school this size."

The researchers funded in the first round of grants are working in biotechnology, chemical engineering, chemistry, civil engineering, computer science, electrical engineering, fire protection engineering, mathematics, and mechanical engineering.

Some of the more interesting projects include cloning leech proteins that could be important in treating blood clots, the development of an animal model for the study of the transmission of the AIDS virus from mother to offspring, creating a computer simulation of the chemical changes potable

water undergoes in distribution networks and the development of expert computer system for use in image processing.

The RDC, created by a vote of the faculty last year, has a number of aims, the most important of which is building the overall level of scholarship on the WPI campus, according to Dr. William H. Taft, dean of graduate studies and research.

"We know our faculty has good ideas," Taft says. "Often even a small amount of support to test a concept, to gather preliminary data or to demonstrate the feasibility of a project is all that's needed to get a new line of research underway."

Through research initiation grants, The RDC will plant monetary seeds that will grow as research projects mature and attract funding from outside agencies, Taft said. In fact, he noted, with the \$100,000 distributed this year, WPI's overall research budget should grow from its current level of \$2.7 million to \$12 million within a decade.

Since the annual funding for the RDC will be equivalent to a percentage of the indirect costs WPI receives from its research sponsors, as external funding grows, so will the school's ability to support new research, Taft said.

"We've opened an exciting door with this council," Taft says. "A great many important things will happen on campus as a result of this process."

The Office of Residential Life is pleased to announce that the following students have been selected as Student Hall Directors and Resident Advisors for 1987-1988 academic year. Please join us in congratulating them on this accomplishment.

Student Hall Directors:

Gregory Gibson
Mark Hansen
Susan Hepworth
Jim Popp
John Yered

Resident Advisors:

Gregory Allegrezza	Angela Iatrou
Steven Anderson	Ricardo Icaza
Julie Bolton	Carl Lanza
Gerry Brown	Eric Lindgren
Rhodia Christodoulidou	Carleen Maitland
Paul Coryea	Keith McCormack
John DiLorenzo	Todd Miller
Michael Donahue	Brian Perry
Karl Droese	Jeffrey Quirke
Evan Elkington	Julie Raboin
Denise Fortier	Francis Ricard
Mark Garras	Lisa Ridolfi
Patrick Healy	Lauren Rowley
Blake Hoering	Carrie Scheinman
Raheem Hosseini	Bryan Sheppeck
	Smyth Turner
	Mark Wartski

TO ALL MEMBERS OF THE JEWISH COMMUNITY AT WPI

If you will be here for Passover and would like to be placed in a home to attend a Seder,
Contact:
Hillel A.S.A.P. so that it can be arranged.

WPI Hillel
Club Box 2497

WPI Summer Session

A special term tuition rate of \$2100.00, representing a 13.4% discount, is available for students taking at least one full unit (9 credit hours) of academic work. This represents a discount of 40% on the third course. Additional courses are also available at the discounted rate of \$480.00 per course. Physical Education may be added at no charge under the special discount package.

To register, please stop in the Summer Session Office, Room 204, Project Center from 8:30 a.m. - 5:00 p.m.

SUMMER SESSION COURSE SCHEDULE JUNE 1 - JULY 21, 1987

Number	Title	Type	Schedule	Room	Instructor
BB 1010*	General Biology I	LEC	TuTh 10-11:50	SL104	Adams
CH ----	Independent Study and Projects	To be announced			
CH 1010	Chemistry I	LEC CON LAB	MWF 8- 8:50 W 10-10:50 W 1- 3:50	GH227 GH217 GH109	Hubacz
CH 1020	Chemistry II	LEC CON LAB	MWF 9- 9:50 W 11-11:50 W 1- 3:50	GH227 GH217 GH109	
CE 2000*	Analytical Mechanics I	LEC CON	MtuF 10-10:50 W 9-10:50	KH115	Saffar
CE 2002*	Introduction to Analysis and Design I	LEC	MTWTF 11-11:50	KH116	Saffar
CE 3006	Design of Steel Structures	LEC	MTTF 9- 9:50	KH116	Saffar
CE 3008	Design of Reinforced Concrete Structural Systems	LEC	MTTF 10-10:50	KH116	Chalabi
CE 3041	Soil Mechanics	LEC	MTTF 11-11:50	KH115	D'Andrea
CE 3044	Foundation Engineering	LEC	MTTF 2- 2:50	KH115	D'Andrea
CE 4007	Matrix Computer Analysis of Structures	LEC	MTTF 1- 1:50	KH115	Chalabi
CS 1001	Introduction to Computers	LEC CON	MTTF 2- 2:50 W 11-11:50	AK233	
CS 1021	Introduction to Programming	LEC LAB	MTh 3- 3:50 Tu 2- 3:50	AK233 WB321	
CS 2011	Introduction to Computer Organization and Assembler Language	LEC CON	MTTF 9- 9:50 W 9- 9:50	AK233	
CS 2023	Data Structures	LEC	MTTF 1- 1:50	AK233	
EE 2001*	Fundamentals of Electrical Engineering I	LEC	MTWTF 10-10:50	AK233	Majumdar
EE 2002*	Fundamentals of Electrical Engineering II	LEC	MTWTF 11-11:50	AK116	Majumdar
EE 2703*	Basic Electrical Engineering Laboratory	LAB	HTT 1- 3:50	OH117	Roberts
EE 3101*	Electric Transmission Lines	LEC	MTWTF 8- 8:50	AK219	Krackhardt
EE 3201*	Basic Electronics	LEC LAB	MTTF 10-10:50 W 9-11:50	AK219 AK217	Krackhardt
EE 3601*	Principles of Electrical Engineering	LEC LAB	MTTF 11-11:50 W 1- 3:50	AK233 GH117	Volaver
EE 3801*	Logic Circuits	LEC LAB	MTTF 9- 9:50 W 1- 3:50	AK219 AK210	Choo
EE 3901*	Semiconductor Devices	LEC	MTWTF 11-11:50	AK219	Lanyon
ES 1310	Engineering Design Graphics	LEC CON LEC	M 1- 1:50 Tu 1- 2:50 Th 1- 2:50	HL215	Titus
ES 2001*	Introduction to Material Science	LEC CON	MtuF 9- 9:50 Th 9-10:50	WB229	Dillich
ES 2501	Introduction to Stress Analysis	LEC	MTTF 8- 8:50	HL201	Hoorl
ES 2503	Introduction to Dynamic Systems	LEC	MTTF 10-10:50	HL201	Grandin
ES 2602*	Introduction to Mini/Micro Computers	LEC LAB	MThF 9- 9:50 Tu 1- 3:50	AK232 AK004	Austin
ES 3001	The Statistical Development of Classical Thermodynamics	LEC	MTTF 9- 9:50	HL130	Boyd
ES 3003	Heat Transfer	LEC	MTTF 11-11:50	HL130	Boyd
ES 3004	Fluid Mechanics	LEC	MTTF 1- 1:50	HL130	Boyd
ES 3011	Control Engineering I	LEC	MTTF 10-10:50	HL209	Demetry
ES 3323*	Introduction to CAD	LEC LAB	MTh 11-11:50 W 1- 2:50	CADLAB	Scott, LaHava
EN 1245*	Growing Up In Fiction	LEC	MTTF 2- 2:50	SL123	Schachterle
EN 1272*	Moral Issues in the Modern Novel	LEC	MTTF 8- 8:50	SL123	Hayes
EN ----	Topics in Technical Writing	To be announced			
EN ----	Independent Study and Projects	To be announced			
HI 1131*	American History, 1877-1920	LEC	MTTF 8- 8:50	SL104	Hanian

Number	Title	Type	Schedule	Room	Instructor
HI 1242*	Twentieth-Century Revolutions	LEC	MTTF 9- 9:50	SL123	Dunn
HI ----	Independent Study and Projects	To be announced			
MG 1100*	Financial Accounting	LEC	MTTF 9- 9:50	SL121	Wimmergren
MG 1250*	Personal Finance	LEC	MTTF 3- 3:50	SL121	Wimmergren
MG 2101*	Management Accounting	LEC	MTTF 10-10:50	SL121	Wimmergren
MG 2260*	Investment and Security Analysis	LEC	MTTF 2- 2:50	SL121	Wimmergren
MG 2500	Management Science I: Deterministic Decision Models	LEC	MTTF 11-11:50	SL121	Graubard
MG 3401*	Industrial Engineering II	LEC	MTTF 8- 8:50	SL105	Hoonan
MG 3600	Marketing Management	LEC	MTTF 9- 9:50	SL105	Graubard
MG 542	Quality Planning and Control	LEC	MTh 6:30-9:30		Oden
MG 551	Management Science	LEC	MTh 6:30-9:30		Graubard
MG ----	Independent Study and Projects	To be announced			
MA 1011*	Calculus I	LEC	MTTF 11-11:50	SH201	
MA 1012*	Calculus II	LEC	MTTF 1- 1:50	SH201	
MA 1013*	Calculus III	LEC	MTTF 10-10:50	SH201	
MA 1014*	Calculus IV	LEC	MTTF 1- 1:50	SH204	
MA 2051*	Ordinary Differential Equations	LEC	MTWTF 9- 9:50	SH202	
MA 2071*	Matrices and Linear Algebra I	LEC	MTTF 8- 8:50	SH204	
MA 2611*	Probability and Statistics	LEC	MTTF 11-11:50	SH202	
MA 4291*	Applicable Complex Variables	LEC	MTTF 10-10:50	SH204	
MA 4451*	Boundary Value Problems	LEC	MTTF 3- 9:50	SH204	
ME 1410*	Energy and Man	LEC	MTTF 11-11:50	HL212	Borden
ME 1800	Material Selection and Manufacturing Processing	LEC LAB	TuTh 8- 8:50 TuTh 2- 3:50	WB229	Saigal
ME 3310*	Kinematics of Mechanisms	LEC CON	MTTF 10-10:50 W 10-10:50	HL224	Hammond
ME 3320*	Design of Machine Elements	LEC CON	MTTF 11-11:50 W 1- 3:50	HL209	Grandin
ME 3420*	Thermodynamic Applications	LEC	MTTF 11-11:50	HL224	Borden
ME 3504	Stress Analysis	LEC CON	MtuF 11-11:50 W 10-11:50	HL201	Pencis
ME 3901*	Engineering Experimentation	LEC LAB	MTTF 2- 2:50 W 1- 3:50	HL201	Hammond
ME 4423*	Air Breathing Engines	LEC	MTWTF 1- 1:50	HL224	Borden
ME 4506	Mechanical Vibrations	LEC	MTTF 9- 9:50	HL224	Hoorl
ME 5551	Theory of Elasticity	To be announced			
ME/CE524	Finite Element Method	LEC	TuTh 4- 6:00	HL209	Grandin
ME 557	Advanced Mechanical Vibrations	LEC	Th 2- 5:00	HL224	Hoorl
ME ----	Independent Study and Projects	To be announced			
PY ----	Independent Study and Projects	To be announced			
PE 1005	Introduction to Life-Time Sports: Swimming, Bowling, Table Tennis, Raquetball		TuTh 1- 1:50	GYM	McHully
PE 1021	Recreational Bowling		MW 2- 2:50	GYM	McHully
PH 1110	General Physics--Mechanics	LEC CON	MWF 8- 8:50 TuTh 8- 8:50	OH126	
PH 1120	General Physics--Electricity and Magnetism	LEC CON	MWF 10-10:50 TuTh 10-10:50	OH126	
PH 1130	Introduction to Modern Physics	LEC CON	MWF 9- 9:50 TuTh 9- 9:50	OH126	
PH 1140	Oscillations, Waves and Optics	LEC CON	MWF 11-11:50 TuTh 11-11:50	OH126	
SS 1101*	Introductory Microeconomics	LEC	MTTF 10-10:50	SL105	Graubard
SS 1301	U.S. Government	LEC	MTTF 8- 8:50	SL121	

*May be given on an independent study basis if there are seven or fewer students registered.



GREEK CORNER

Alpha Chi Rho

Brothers of Alpha Chi Rho would like to welcome everyone back after the semester break. Past few weeks were all very eventful ones for our house. First of all, we would like to congratulate our new officers, who were installed at the end of the last term. And so congratulations are in place for our new president Matt Mooney, vice president Bill Iannacci, secretary Jeff Graves, treasurer Mike Basmajian, steward Paul Lavigne, house manager Dave Smith, ritual officer Paul Amons, Sgt. at Arms Andy Siegel, chaplain Paul Lopiccio, social officer Chris Mastriani, exec. member at large Vinay Kundaje, and corresponding secretary Peter Polit. Also welcomed are our new comptroller Chuck Coleridge, and new asst. house managers Dave Cubanski, Todd Parker, and Mike Basmajian. At the same time it is only appropriate, that we express our most sincere thanks to the officers vacating the positions. They certainly have done a spectacular job. Don't worry though: the new crew will surely do just as well, or perhaps even find some place for improvement.

Crowl Bowl was one of the activities enjoyed by the brotherhood over the break. The annual basketball event held at Penn-State University turned out to be a lot of fun, as usual, as nine WPI brothers attended. Coach Spud Lavigne did a great job with our crew. However, our relations with national took a fall when brother Paul A. effectively decreased the size of our chapter consultant's car while driving the wrong way up a one way street.

Another Spring Break activity worth mentioning was a trip to Montreal undertaken by some of the brothers. All of them enjoyed it immensely, but Brian was definitely at the top of the list. Even the thorough customs search on the way back didn't destroy the fun atmosphere.

On another note, our house was proud to be a host to the initiation of the University of Massachusetts colony of Alpha Chi Rho, that took place at WPI on March 7. Our UMASS brothers became an official chapter after the National Council meeting that took place at our house, and the ceremony held in Alden Hall. The celebration that took place immediately after the ceremony was one of the more spectacular ones we have ever seen, and was a final touch to the long process of becoming a chapter. The food prepared for the occasion, as well as the presence of numerous uncommon guests, created a unique atmosphere that will be remembered for a long time by all attending. We are proud to welcome another Massachusetts chapter of Alpha Chi Rho, with the colony of which we have been continuously in touch in the past (brother Sean Sweeney being our most recent UMASS committee head), and with which we expect to sustain a very active bond. Congratulations to our UMASS brothers. Now let's get ready for all the parties in the upcoming sunny and warm D-term.

Alpha Gamma Delta

Hi everyone and welcome back from spring break. The sisters of AGD would like to announce their newly elected officers. They are as follows:
 President - Julie Raboin
 V.P. Scholarship - Julie Peck
 V.P. Frat. Ed - Danielle LaMarre
 Recording Secretary - Lisa Benoit
 Corresponding Secretary - Lori DeBlois
 Treasurer - Sharon Mulligan
 Activities - Karen Apicella
 Altruism - Laura MacClean
 Ritual - Anne Mannarelli

House - Sue Testa
 NPC Delegate - Lori Hayes
 Social - Sue Morena
 Standards - Michelle Petkers
 Publicity - Kim Kuzmitski
 Membership - Maria Mathieson
 Rush - Kay O'Sullivan
 Sisterhood - Allison Moran
 Asst. Treasurer - Darilyn Reutar
 Song - Michelle Diguette
 Alumni Relations - Karen Dion
 IFC Delegate - Nancy McLaughlin
 Congratulations to Marie McKenna for being our newly competent senior, and Danielle LeMarre for being selected the new SAS chairperson.

Well, we've determined that the dilemma of the week is the placement of the hoppers. (Why do they call them that anyways?) They must be strategically located because of "The Sound." The hat trick award goes to Rhonda - 3 in one night with a lime? Sounds like Florida was pretty eventful for some of you, huh? Linnie, when are you headed to the Great White North. What's a median? Peggy, was that you skinny dipping. By the way Joyce, what was his name? You guys better watch out about the chlorine in the pool! So what have you seen lately Karen? Nice unit Chuckles. Beware as the majic Man makes his rounds. Trace, you owe me one... a very large one. (But that's what friends are for)

Alpha Tau Omega

Alpha Tau Omega would like to welcome back its retiring brothers from San Francisco, David Mckinght and Greg Gworek, along with Miguel Ferre who spent C-Term

in London. We hope everyone enjoyed their spring break and we at Tau House look forward to seeing our freshman class and out of house brothers up here more often for some extensive sun worshipping. Besides eating up the sun, D-Term at ATO means eating donut holes. This Saturday, April 4th at 3:00 p.m. at Gompei's Place, ATO will be holding its annual fund raiser, Munching Munchies for Mental Health. Our fund raiser is a unique one in that it entails the consumption of as many donut holes as humanly possible within an allotted time limit. Prizes will be awarded to individuals that eat the most donut holes and those who raise the most money. Any persons wishing to participate should contact John Roughneen at 756-5656 for more information.

Sigma Pi

Welcome back from Spring Break everyone. For those who went to Florida and Acapulco, welcome back to wonderful Worcester. Not to worry, Spring Break has unofficially been extended for another week to help everyone catch some Spring Fever. How's the water treating you now, Kevin? Let's hope everyone can manage to get enough discipline to pass a few courses this term. Especially everyone with infinite projects underway. Seniors, finish those MQP's early and Juniors, maybe next year for IQP. Let's stay away from snow in May.

Hope everyone is psyched to make the move for the trophy. Good luck to the wrestlers this week, hope you managed to cut some weight over break. Good luck to softball, floor hockey, soccer, and pong. Let's make up some points. To all the doubters, P.C. did make the final four.

CLUB CORNER

AIAA

Yes, we are a new group on campus - the American Institute for Astronautics and Aeronautics. We are starting out right with a Paper Airplane Contest to be held on April 16 from 11 am - 1 pm in Harrington Auditorium. Go to the ME office in Higgins Labs (room 112) for the rules. This contest is open to anyone interested. Come on... it'll be fun! Also, if you want to join AIAA, see Professor Jumper in HL 218.

Aviation Interest Group

There will be a short meeting Tuesday, March 31 at 5:30 pm in Higgins 109 to discuss this Saturday's trip to Westover Air Force Base. If you can't make the meeting, but still want to go, please get in touch with Tom (Box 2213) as soon as possible. New members are also invited to attend Tuesday's meeting.

... Awards

(continued from page 1)

The students, all mechanical engineering majors, did their study in Shrewsbury, MA, a town which owns and operates its own electric utility and cable television system. The study was done through WPI's new Municipal Studies Center.

The students discovered that the cost of implementing such a system currently outweighs any benefits the Shrewsbury Electric Light Plant might derive from it. However, they suggested that Shrewsbury might prove to be an excellent test site for the concept of electronic meter reading.

- Holly M. Daley (MG), Chrysanthe Demetry (ME), and Paul D. Kutchukian (EE), looked at how high school students learn about careers in engineering and recommended new ways to educate them about these careers. The students, all juniors at WPI, did their study for the National Society of Professional Engineers (NSPE) at WPI's Washington D.C. Project Center.

Through surveys of 55 professional science and engineering organizations and interviews with 58 guidance counselors, math and

Hillel

If you are a member of the WPI Jewish community and are not an active member of Hillel, why not? Look at all of the things you're missing. Contact Jeff at 793-8569 to be put on the membership roster or write to Hillel, club box 2497. The first bagel brunch of D-term will be held 10:30 am Sunday in Morgan A. If you want to attend the dinner Friday night at Bentley College remember to RSVP to Ken no later than tonight. Everyone who attended the rock concert & dance by "Aviv" last night sponsored by the Clark JSC as part of the Centennial celebration reported having a good time. The D-term schedule should be out by the end of this week. Watch your boxes. The Hillel trip to Israel will leave tomorrow night at 8...all expenses are paid. Have a good April Fool's day!

science teachers and students at five public and private high schools in the District of Columbia, Maryland, and Virginia, the students learned that many students, particularly those in larger, public schools, know little about engineering and career opportunities. The students recommended a combination of audiovisual programs, talks by professional engineers and written materials to remedy this problem.

The other finalists were:
 - Anthony Cardinale (ME), Lori Ann Hayes (MGE), and Rita Patel (EE), who completed a study of the potential impact of the United States Patent and Trademark Office.

- Timothy R. Donohoe (ME), Charles H. Morse (ME), and John F. Wholey (MGE), who looked at fire safety problems with solar homes.

- Margaret L. Dwyer (Chem Eng.), Rhonda M. Lamparelli (ME), and John A. Wright, Jr. (ME), who studied the process of siting a hazardous waste facility in Massachusetts.

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From 10:00 am - 2:00 pm

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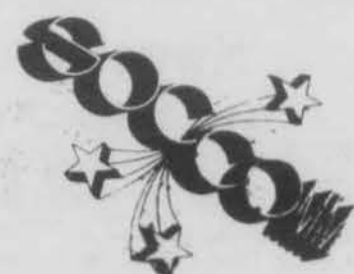
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at 8:30 p.m.

Harrington Auditorium - WPI

—featuring—

- Womens' Tag Team Match
 - Midget Match

—Main Event—

David Sammartino

vs.

Dave Dr. D. Schultz

Tickets on sale at WPI Daniels Hall

\$4.00 WPI Students - Advance

\$5.00 Other Students - Advance

\$6.00 General Public - Day of Show



ARTS AND ENTERTAINMENT

Sweet & Sour The The — Infected

by Chris Sweet
Newspeak Staff

Matt Johnson is The The and 'Infected' is the album and the movie. Having got all his problems off his chest in the 1983 debut, 'Soul Mining', Johnson now lashes out at the world. He's been quoted in an interview as saying that, "I'm trying to show all the symptoms and/or causes of the decline of the Western world." He does an awfully good job of it too. First, the history of The The.

In 1983 The The released a very critically acclaimed album entitled 'Soul Mining'. The album dealt primarily with his personal life and 'the mining of his soul' for whatever he may find. The songs range from "This is The Day", about living a life held delicately together by memories, to "I've Been Waiting for Tomorrow (All of My Life)", about a man hoping that future will hold more for him than the present, only to realize otherwise. The album made Johnson famous in Europe and he became a cult figure in the U.S. Unfortunately, Soul Mining went out of print. It may soon become available again though, as Infected becomes more and more popular every day. One of the major factors in the popularity of Infected is 'Infected-The Movie', a full length video of the album shot around the world for \$500,000. The video has caused a sensation in England and has since started to become very popular here. It is definitely not for the squeamish. Perhaps one of the more gruesome moments in the film comes in the title track, where Johnson sets himself afire.

Infected features some of the most powerful lyrics on a recording since his debut four years ago. The title track deals with the hysteria of AIDS. He sings, "Take me by the hands and walk me to the end of the pier/Run your fingers through my hair and

tell me what I want to hear/Will lies become truths in this face of fading youth/from my scrotum to your womb/your cradle to my tomb." The lyrics hit home and the seriousness of it all is realized. There is no holding back. "Out of the Blue (And into the Fire)" is about the sexual gratification given by a prostitute. Johnson goes through a mental battle and finally gives in, only to be sorry afterward. "Heartland" is a lash out at the U.S. and England (Johnson is an Englishman). He feels that England's social problems are the fault of the economic policies of the U.S. Johnson predicts revolution, "Well it ain't written in the papers but its written on the walls/ the way this country is dividing to fall." He suggests England is really part of the U.S., "All the bankers gettin' sweaty, beneath their white collars/ As the pound in our pocket turns into a dollar/ This is the 51st state of the U.S.A." "Angels of Destruction" is an effective piece about the cold war. Johnson sums it all up when he sings, "Jesus Wept, Jesus Christ."

If I had to put a label on The The I would have to say they were a synthesizer band because the synths certainly stand out strong. However, I feel bad about this because the word synthesizer brings with it the connotation that the artist has no talent. Fortunately, this isn't the case here. Johnson is one of the most talented musicians I have heard in a long time. The lyrical content on Infected is hard to digest but that is probably more of an asset to this record than something which would take away from it.

In the words of a friend of mine whom I lent Infected to, "I'm glad you came to get it back. I almost glued it to my turntable."

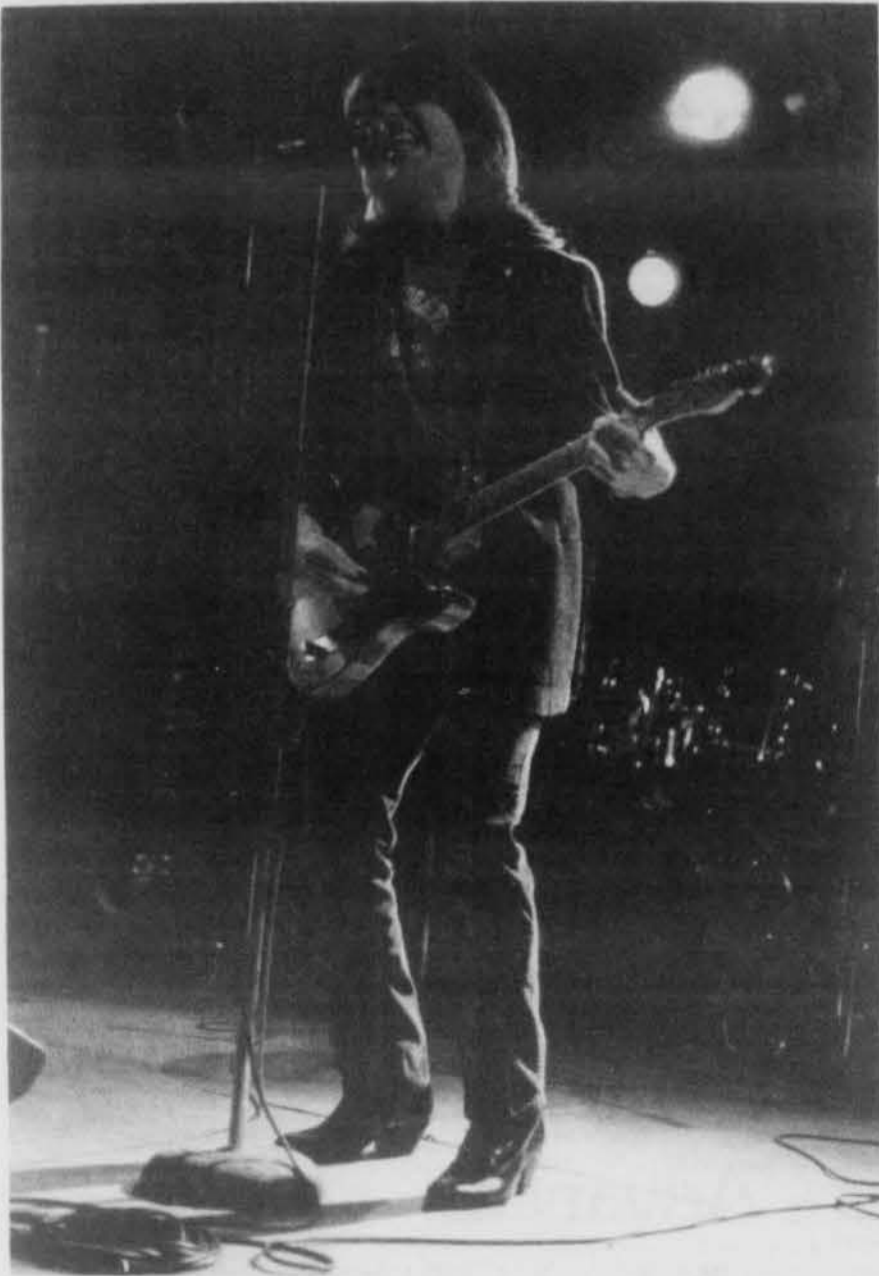


PHOTO BY CHRIS PATEL, PHOTO EDITOR

A Souls' guitarist entertains a crowd at Gompei's Place last Saturday night.

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2:00 p.m. - 5:00 p.m.

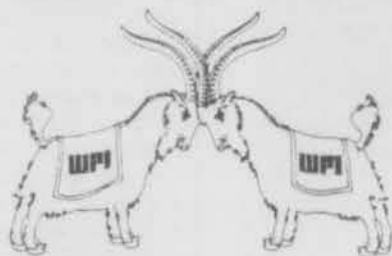
6:30 p.m. - 9:30 p.m.

APRIL 6-9

6:30 p.m. - 9:30 p.m.

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Low-, Middle-Income Students Hit by Proposed Budget Cuts

(NSNS) - President Reagan's proposed budget for fiscal year 1988 would reduce allocations for the Department of Education from \$19.5 billion to \$14 billion, with most of the cuts coming from a 46 percent slash in student aid funding. Programs designed to aid students from low- and middle-income families would bear the brunt of the proposed cuts, while a controversial income-contingent loan program would be dramatically increased.

The proposal, which has drawn criticism from key education officials, also calls for the rescinding of student aid budgets already approved for fiscal 1987. Opponents of the budget request say the cuts would negate several major points in the reauthorized Higher Education Act, which was passed by Congress and signed by the President last fall. The programs facing cuts, and their consequent effect on students, are as follows:

Pell Grants: designed by Sen. Claiborne Pell (D-RI) to assist financially independent students. The proposal would drop over a million students from the program by limiting eligibility to students with family incomes of under \$20,000 per year. Also, the 30 percent ceiling on applications validated by the Department of Education would be removed, significantly increasing the time needed to process loans. Primary effects: reduces aid to middle-income students.

Supplemental Educational Opportunity Grants (SEOG): provides funds to colleges and universities to assist their students with documented need. The proposal would eliminate the program entirely, affecting an estimated 720,000 students. Primary effects: reduces aid to low-income students.

College Work-Study: enables students to work on- and off-campus to defray the costs of their education. This program also faces complete elimination, meaning the loss of an estimated 787,000 jobs for students. Primary effects: reduces aid to low- and middle-income students.

National Direct Student Loans (NDSL): provides 90 percent of funding (institutions provide 10 percent) for student loans at a government-subsidized five percent interest rate. Also marked for elimination, affecting an estimated 513,000 recipients. Primary effects: reduces aid to low-, some middle-income students.

Guaranteed Student Loans (GSL): provides government-subsidized ten percent loans to all students passing a needs test. A proposed cut of nearly two billion dollars would be achieved by halting federal subsidy of in-school interest rates and replacing the five percent origination fee with a nine percent "guarantee fee." Primary effects: requires all students to begin paying interest on loans while still in school; increases total cost of loans, cuts recipients by an estimated 200,000.

State Student Incentive Grants (SSIG): provides matching federal funds for state student aid programs. Proposed for complete elimination, affecting a half million students. Primary effects: reduces aid to low-income students.

Special Programs for Disadvantaged Students (TRIO): provides counseling and resources to encourage first-generation (people whose parents didn't go to college) and other students to enroll and remain in college. Faces more than 50 percent in cuts, eliminating 338,000 students (over 80 percent of recipients). Primary effects: reduces aid to very low-income students.

Perkins Loan Program: adds federal funds to those of colleges and universities to establish campus-based revolving loan funds. Cuts would eliminate loans for some 200,000 students and increased interest rates would make the loans more expensive for those still eligible. Primary effects: reduces aid to low-income students.

While these and several other Education Department programs are being targeted for cuts, the administration is seeking \$600 million to expand the new Income-Contingent Loan Program now being tested at ten U.S. colleges. Originally proposed by Secretary of Education William Bennett during last year's Higher Education Act reauthorization hearings, the program was limited by Congress to a \$5 million experimental phase.

The ICL program would do away with federally subsidized interest rates while setting a cap of 15 percent. Borrowing limits would be raised to \$50,000, and students would be given longer repayment periods contingent upon their income after graduation. Some observers say this will lead to even greater debt burdens for many students. Patricia Smith, the American Council on Education's Director of Legislative Analysis, said that graduates earning higher incomes will see few ill effects, but warns, "If you have the misfortune to borrow high and land a low-income job, those interest rates are going to be a big problem."

Jim Schmidt, Associate Director of the National Student Roundtable, supports Smith's prediction. "While the concept of loan repayment schedules based upon post-graduation income is a positive one for students, this particular plan would only increase debt burdens and turn more people away from attending college."

The Department of Education, meanwhile, has issued somewhat conflicting statements concerning the program's intent. One official release said ICLs were intended "to assist more poor students," while another explained the shift away from federal subsidies by stating that "students are the prime beneficiaries of their investment in higher education. It is therefore reasonable to expect them — not taxpayers — to shoulder most of the costs of that investment."

In defending the ICL program during a recent appearance before the Senate Committee on Labor and Human Resources, Secretary of Education William Bennett said it was modeled on one proposed by Boston University President John Silber ten years ago. Silber's plan, known as the Tuition Advance Fund, also featured income-contingent repayments, the concept of which would benefit low-income graduates. However, in a recent *New York Times* editorial, Silber pointed out that interest rates in his plan would range from two to eight percent, while the ICL would allow a maximum of "a crippling 15 percent."

The unproven nature of the ICL program leads many insiders to express doubts about expanding it so soon. Senator Robert Stafford (R-VT), ranking Republican on the Senate Subcommittee on Education, said during a recent appearance on "Face the Nation" that he thinks the administration is being premature in requesting the expanded program. "Senator Pell and I put that in on a trial basis at the administration's request," he said. "We're supposed to re-evaluate the program in five years, and we're not even through the first year yet."

WPI Chemist Receives \$350,000

(WPI News Service) - James P. Dittami, assistant professor of chemistry at WPI has received a five-year, \$350,000 grant from the National Institutes of Health (NIH) to synthesize a natural product extracted from a Chinese medicinal plant. The grant is one of the first under a new NIH program, called the FIRST Award Program, that provides grants to help young scientists establish research programs.

Dittami's grant was one of the first awarded through the NIH's new First Independent Research Support and Transition (FIRST) program, which replaced the agency's New Investigator Research Award. It awards funds, up to \$350,000, for new biomedical researchers to develop their research capabilities and demonstrate the merit of their research ideas.

With the grant, Dittami will perform a total synthesis of a chemical called koumine, an alkaloid derived from the Chinese medicinal plant Kou-wen. Like other natural alkaloids, such as quinine, nicotine, caffeine, morphine and atrophine (belladonna), koumine is toxic, but has medicinal properties. Chinese herbalists have used it for many years to treat heart ailments, to control pain and to reduce fever.

A total synthesis is a demonstrated way of making a natural product in the laboratory, beginning with often readily available compounds and chemically transforming them, step by step, in a painstaking process until a duplicate of the natural product is achieved. While this technique can be used to produce commercial quantities of chemicals that are rare or difficult to obtain in nature, the process is more often performed as a way of developing novel synthetic methods that may have generally useful applications, Dittami said.

In addition, Dittami said many previously unknown compounds will be produced in the laboratory as the synthesis progresses. Each of these will be tested by a researcher at the University of Massachusetts Medical Center for signs of biological or therapeutic activity, such as the ability to kill bacteria or destroy tumors. It is possible, he noted, that new and useful pharmaceutical agents may result from this work.

"For me," Dittami said, "performing a

synthesis is like creating a work of art. The goal is not just to find a synthetic pathway to your goal, but to develop routes that are elegant, that do not require extreme physical conditions, such as high alkalinity or high temperatures, and that advance the state of organic chemistry. That is why I prefer to tackle difficult subjects, like koumine, because there is more that can be learned from them."

After receiving a B.A. degree from the College of the Holy Cross, Dittami completed a master's degree in chemistry at Boston College. He began his career as a natural product chemist while working toward his Ph.D. at Rensselaer Polytechnic Institute.

At RPI, he successfully completed the total synthesis of two natural products. The first, clovine, is a novel and complex ring structure derived from clove oil. The second, juvabione, is one of a family of compounds called juvenile hormones that are produced by plants as a natural defense against insect pests.

Upon graduation from RPI, Dittami received a National Research Service Award from NIH to conduct post-doctoral work at Harvard University. While at Harvard, he completed the first total synthesis of ovalicin, a natural product derived from a fungus. Ovalicin is of interest to the pharmaceutical industry because of its ability to suppress the immune system and help prevent the rejection of transplanted organs.

But, he says, the synthesis of koumine, a complicated molecule, will be the most difficult he has attempted to date. Dittami has also received grants from the American Chemical Society and the Research Corporation to fund his work.

As a key part of the process of completing the synthesis, Dittami will perform a variety of analyses of each intermediate step to confirm its composition and structure. These checks are an essential way of proving that the synthesis is progressing as expected. They will include nuclear magnetic resonance spectroscopy, analysis by mass spectrometry and infrared analyses.

A native of Medford, Massachusetts, Dittami grew up in Framingham and now lives in Oakham.

OAC WPI Office of Academic Computing Newsletter

appearing in Newspeak V. 15 N. 8 March 31, 1987

ExpressCalc MANUALS

OAC has recently received a limited number of manuals for the latest version of ExpressCalc, version 3.10. These are textbook versions of the standard manual, and are specially designed for colleges and universities. The manual provides any detailed information not found in the OAC hand-typed manuals, and should prove to be especially helpful for advanced users.

Copies of these manuals have been distributed to the Micro-CAD, APT, Management, and Olin labs, and to all department offices. Several copies are also available for use at the Office of Academic Computing User Services Room (Project Center Room 109).

PC-Write TECH NOTE

The monochrome display characteristics of the AT&T PC allows the simulation of a color monitor by displaying different shades of green to represent different colors. This allows many applications (such as PC-Write) set up for a color monitor to be executed on a monochrome display. This is often times desirable to "enhance" the programs display, and may make the program easier to use or understand.

While most versions of PC-Write on campus have been set up in the color display mode, some of the monochrome monitor computers experienced a slight problem. When a page feed character was inserted on a line with text, the text on that line following that character became covered with a highlighted bar and was unreadable. OAC User Services now has a utility program called PRICHAR.COM that will eliminate this problem. It can simply be run from your AUTOEXEC.BAT batch file every time you boot your PC.

TUTORIAL SCHEDULE

OAC will be repeating its series of tutorials on the AT&T PC and associated software packages. All tutorials are held in the Olin PC lab, Olin hall room 205, from 11:00 to 12:00. Handouts are available at most tutorial sessions. Tutorials offered in term D-87 are shown in the schedule below:

Thu. Apr. 2 MS-DOS Introduction
Fri. Apr. 3 MS-DOS Intermediate

Mon. Apr. 6 MS-DOS Advanced
Tue. Apr. 7 ExpressCalc, v. 3.10
Thu. Apr. 9 Turbo Pascal, v. 3.0, Intro.
Fri. Apr. 10 Turbo Pascal, v. 3.0, Adv.

Mon. Apr. 13 PC-Write I, v. 2.7
Tue. Apr. 14 PC-Write II, v. 2.7
Thu. Apr. 16 Turbo Graphix Toolbox
Fri. Apr. 17 GEM Draw Plus

Mon. Apr. 20 PC-Write III, v. 2.7
Tue. Apr. 21 PC-Write, MailMerge, v. 2.7
Thu. Apr. 23 Kermit, v. 2.29B
Fri. Apr. 24 PC-File III, v. 4.0

Mon. Apr. 27 Ten Useful Utilities
Tue. Apr. 28 Useful Hard Disk Commands & Utilities
Thu. Apr. 30 Simple but Important PC Maintenance



Nick Sofer, 2nd from left, meets with Massachusetts Governor Michael Dukakis at the State House. Sofer is Students Against Multiple Sclerosis (SAMS) Campus Chairman.

WPI Students Identify Fire Safety Problems

(WPI News Service) - A team of students at Worcester Polytechnic Institute recently completed a study that identified unique fire hazards associated with the design of passive solar homes and of active solar systems.

The students discovered that the same design features that allow heat to move through passive solar houses—open living areas and natural convection through ducts and hollow walls, can also allow fires to spread much more quickly than in traditional homes, in which floors and walls act as fire blocks. In addition, well insulated homes allow little air or heat exchange with the outside air, allowing the heat and smoke of a fire to build quickly.

Active and passive solar systems, like Trombe walls, which use a black wall as a storage medium, and air or water filled solar collectors, present the danger of too much heat building up and causing a fire, they said.

A search of fire reports compiled by the National Fire Protection Association and the National Fire Academy turned up three cases of fires attributed to or aggravated by solar designs. The students theorized that other

solar related fires may have been hidden in the statistics, as fire reports often fail to note whether or not an affected home had a solar design.

Of the reported fires, one was caused by a solar collector in which the fluid had stagnated, allowing extreme heat to build up. In another fire, reflectors designed to increase the amount of sun striking water-filled barrels built into the side of a house warped. The misshapen reflectors focused the sun's rays on the house, causing it to ignite. In the third, an unusual solar design allowed a very hot, smoky fire to develop that was put out only by virtually tearing the house down.

Interviews with firefighters confirmed that solar designs can produce rapidly moving, dangerous fires with extreme heat and dangerous fumes, fires that are especially dangerous for building occupants and fire fighters.

The students who completed the study are Timothy R. Donohoe (ME), Charles H. Morse (ME), and John F. Wholey (MGE). Their project was a finalist in the annual WPI President's IQP Awards competition.

Conservation Positions Still Available in National Parks and Forests for Summer and Fall

The Student Conservation Association (SCA) is still accepting applications from persons interested in volunteering for 12 weeks this summer or fall in national parks, national forests, wildlife refuges and other conservation areas across the United States.

Selected volunteers will work independently or assist conservation professionals with wildlife surveys, environmental education, recreation management, forestry, back-country and wilderness patrol, natural history interpretation, biological research or archaeology. In return for their efforts, volunteers develop skills and gain experience that enhances their college education, receive career exploration opportunities. Volunteers have an edge in seeking paid employment in the field of resource management.

While carrying out their assignments, selected volunteers will receive a travel grant

for transportation to and from program area, free housing and a stipend to offset food and basic living expenses.

This program is available to non-students and students of any academic background regardless of whether or not they are seeking a conservation career.

Because the selection process for summer positions has begun, interested persons should call the SCA (603-826-5741) during east coast business hours to request an application and listing of available positions. The selection process for fall positions does not begin until June 1, 1987. Interested students may send a postcard requesting an application and listing of Resource Assistant positions to: The Student Conservation Association, PO Box 550C, Charlestown, NH 03603.

STUDENTS FACULTY

DISCOVER — ASK QUESTIONS
— FIND ANSWERS

A DAY DEDICATED TO THE
ISSUES OF

ADULT CHILDREN OF ALCOHOLICS

TUESDAY, APRIL 7, 1987

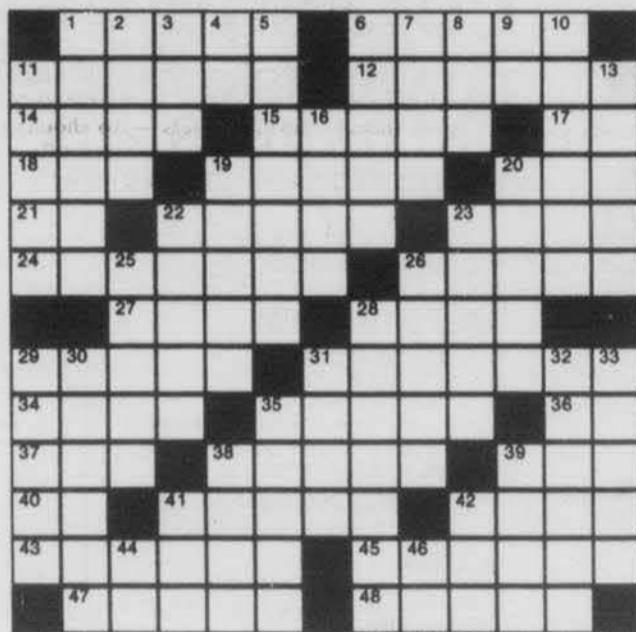
The Puzzle

ACROSS

- 1 Disconnected
- 6 Slides
- 11 Dirtied
- 12 Helping
- 14 Contain
- 15 Fiber plant
- 17 Teutonic deity
- 18 Possessive pronoun
- 19 Frequently
- 20 Diocese
- 21 Concerning
- 22 Assumed name
- 23 Dimensions
- 24 Recreation vehicle
- 26 Kind of cloth
- 27 Merry
- 28 Told

DOWN

- 29 Drills
- 31 Bookkeeper's records
- 34 Imitated
- 35 Challenges
- 36 Printer's measure
- 37 Female ruff
- 38 "Lucky" number
- 39 Insect
- 40 Either's partner
- 41 Dinner course
- 42 Formal dance
- 43 Inborn
- 45 Egg dish
- 47 Painful spots
- 48 Took one's part



COLLEGE PRESS SERVICE

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- 2 Lubricates
- 3 Ancient
- 4 Compass point
- 5 Profited morally
- 6 Surfeits
- 7 Large oven
- 8 Cyprinoid fish
- 9 Roman gods
- 10 Violent expiration of breath
- 11 Blouse
- 13 Unskilled
- 16 Heavenly body
- 19 Spanish pots
- 20 Scorch
- 22 Was ill
- 23 Warbles
- 25 Concur
- 26 Burdened
- 28 Altar screen
- 29 Nobleman
- 30 Musical dramas
- 31 Volcanic emanation
- 32 Walked unsteadily
- 33 Small fish
- 35 Erases: printing
- 38 Rescue
- 39 Bundle
- 41 Title of respect
- 42 Article of furniture
- 44 As far as
- 46 Roman 1001

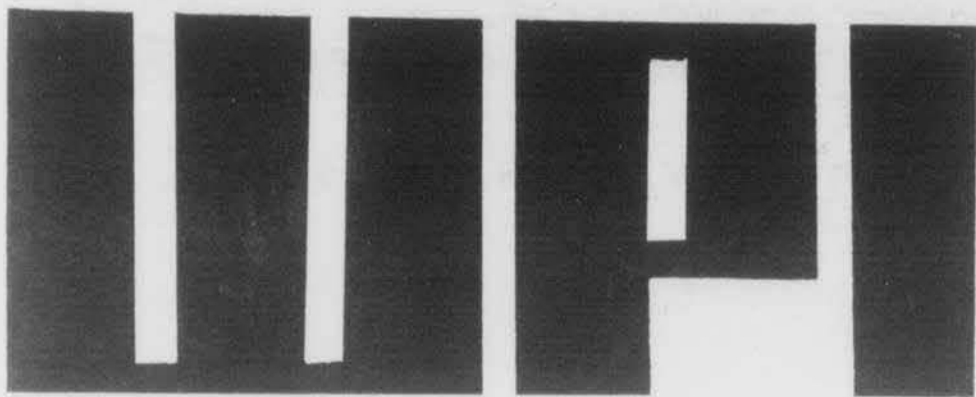
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SPORTS

... Wrestlers

(continued from page 1)

ships of their weight classes. Senior Jack Curl won at 158 pounds and senior Steve Graveline won at 190 pounds. The Engineers also had four second, three third and one fifth place finish. In second place in their weight classes were junior Jason Benoit at 134 pounds, senior Bob Carroll at 142 pounds, junior Mike Crispo at 150 pounds and senior Steve Hall at heavyweight. Sophomore 118-pounder Todd Wyman, 126-pound senior Don Pagel, and 167-pound freshman Brian Glatz all finished third in their weight classes. Senior Kevin Boyle finished fifth in the 177-pound category. All ten varsity starters achieved all-New England honors.

Six of this year's regular starters are graduating this year, but coach Phil Grebinar is not too worried about the prospects for next year's team. "The four starters coming back will be an excellent nucleus for next year's team," he said, "and we have about 25 guys returning who have from one to three years experience wrestling in this program." Sophomores Rick Maguire and Pat Burke in particular have seen varsity action this year and will most likely start next season. He commented, however, that next year's team may lack depth in the heavier weight classes. "The number of people in the general population who have the build of a heavyweight is relatively small, so of course it is harder to find good wrestlers in the heaviest classes than in the middle ranges."

Coach Grebinar attributes the continued success of the team to the excellent recruits that choose to attend WPI and the hard work put in the members of the team. "We recruit good wrestlers and the guys work very, very hard," said Grebinar. Among next year's recruits is the third Wyman brother to wrestle for WPI.

Grebinar said that WPI wrestles one of the most challenging schedules in New England. This year, the team wrestled and beat large, Division I schools such as Boston College (47-6), Harvard (21-14, WPI's fifth victory in six years), and University of New Hampshire (25-17). A high point of the season was a four-way meet against Boston University, Princeton, and number one ranked Brown University. WPI lost to Boston University, 14-25. Grebinar then wrestled his junior varsity players against Princeton University's varsity lineup to insure that the starting string would be in top form against Brown meet. WPI lost to Princeton 0-40, but beat Brown 22-20. However, despite the defeat of Brown (which has never beaten WPI), WPI finished behind Brown University and Boston University in the post-season New England team rankings.

Grebinar emphasized the importance of the support the WPI command munity regularly gives to the wrestling team. "A supportive crowd is really important to the wrestler on the mat. The team really appreciates its fans," he said.

Women's Track Starts Up

by Brian Savilonis
Women's Track Coach

The WPI Women's track and field team opened its season at the Rhode Island College Relays with a rather solid performance. All five schools attending the meet were on break, so that the number of competing athletes was low; by mutual consent, the meet was not scored, although an unofficial tally put WPI in front of Eastern Connecticut, RIC, SMU, and Clark.

Top performers were: sophomore Sharon Whyte (led WPI to a sweep of the long jump, ran on the winning 4 X 100 and sprint medley

relays), sophomore Cheryl Hagglund (2nd in high jump with a personal best of 4'-8"), freshman Patty Dube (2nd in long jump, two relay wins), and senior captain Cindy Perkins (3rd in shot, 2nd in hammer). Cindy threw 120 feet in the hammer to qualify for the ECAC III championships, where she is the defending champion. Unfortunately, 5th year star Bonnie Edmondson of ECSU, the 1 female thrower in the East (all divisions) threw 157'.

Run/Swim for your Life

by Lisa Partridge

"Run/Swim for your Life" is a program designed to provide motivation and recognition for running and swimming achievement. Participants maintain a weekly log of their running and swimming mileage and are awarded distinctive mileage patches and certificates when they have logged certain distances.

This program is sponsored by the United States Army Infantry School and costs nothing to join. All military personnel, students, school faculty, and employees are encouraged to voluntarily participate. Information and applications are available from Lisa Partridge, box 1491, or from MSG Sanders in Army ROTC.

WPI Chapter of AIAA Sponsors Paper Airplane Contest

Tired of never using all those paper airplanes you make out of old MA 1013 tests?

Well, the WPI chapter of the American Institute of Aeronautics and Astronautics (AIAA) is sponsoring a paper airplane contest on April 16 from 11 a.m. to 1 p.m. in Harrington Auditorium.

The contest is open to all WPI undergrads, grad students, and professors, as well as any youngsters in the area. Planes will compete

in categories of maximum distance flight, maximum time in flight, accuracy, originality, and best-looking. Prizes will be awarded in all of these areas.

So stop by the Mechanical Engineering office in Higgins Labs and pick up a copy of the official rules and construction paper and bring those original designs on the 16th to the First Annual WPI AIAA Paper Airplane Contest.

EARN MONEY FOR COLLEGE LOADERS & UNLOADERS \$8-9/Hour

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Along with being a great performer and musician, Paul is incredibly versatile. He covers such great artists from Neil Young, the Dead, and the Zombies, to the Turtles, Beatles, and Eagles; and sings songs about Rocky Racoons, Dixie Chickens, and Werewolves of London. And more importantly, Paul remembers all those TV theme songs: The Brady Bunch, The Adams Family, The Flintstones, The Munsters, Secret Agent Man, and Mr. Ed of course. And he'll sing his songs anywhere, from "Under the Boardwalk" or "Down by the River", to "Up on a Roof", and play anytime of the day or night: "Even Now", "Yesterday" or "Eight Days A Week". And with over 450 songs in his repertoire, if you can name a tune Paul doesn't know, "That'll Be The Day"!

TUESDAY, MARCH 31st — 9:00 p.m.

Some Campuses Venture to Allow Drinking Again

(CPS) - After a few years of prohibition, some Northern Arizona students can drink again on campus — if they go through a training program first. At Alabama, fraternities will soon be able to serve alcohol at parties again, though only if they build six-foot permanent fences around the party areas and have ID checkers at the entrances.

At Lehigh in Pennsylvania, greeks adopted a strict new policy of identification checks and "closed party weekends" in order to retain some of their student drinking privileges.

And so it has gone across the country. The pendulum that in 1985-86 forced hundreds of colleges nationwide to ban student drinking outright has in recent months swung back to allow some limited amount of drinking.

In Arizona, for example, each of the three state universities "now allows the consumption of alcohol in limited circumstances in dorms, but no sale of liquor on campus," says Glenn Brockman, associate counsel for the state board of regents.

Worcester State in Massachusetts last winter let the campus dry pub go wet again, providing it can maintain its own liability insurance and liquor license.

The reason is that outright liquor bans have proved too rigid in some cases.

The University of Nebraska at Lincoln, for one, almost had to pull out of hosting Gov.

Kay Orr's January 9 inauguration because it officially banned liquor from the campus.

The regents relaxed the prohibition for the occasion, despite one regent's fear the move would "give students a foot in the door" to modify the policy permanently.

"When you let (students) drink at 19, then suddenly they can't, it's difficult for them to adapt to," observes Andrew Smith, director of the Texas Union in Austin, which runs a tavern on the premises. A new law that pushed the legal Texas drinking age from 19 to 21 as of September 1, 1986, "eliminated a lot of patrons from what is a large tavern," Smith says.

His solution was to "divide it. Remodeling (of the tavern) into alcohol and non-alcohol sides will be completed this spring," he reports.

Though campus drinkers are getting a little more leeway, no one expects the old days of lax drinking policies to return soon.

"Thanks to MADD (Mothers Against Drunk Driving) and similar groups, there's lots of awareness of drinking issues," explains Rick Brandel, Northern Arizona's associate director of student life. "Students recognize these issues and are looking for alternative activities to drinking."

In addition, in 1984 Congress ruled states must raise their legal minimum drinking ages

to 21 by 1988 or risk losing up to 10 percent of their federal highway funds. Only a handful of states have failed to comply.

"The de-emphasis on alcohol will continue as a trend as people realize it's not fashionable to drink to excess," predicts Andy Bowman of BACCHUS, a national group aimed at controlling student drinking.

"In states that raise their drinking age to 21, students who previously could drink legally in bars feel left out, so we'll see a trend toward more and more non-alcoholic bars." Some Texas students are trying to convince owners of popular off-campus nightspots to lock up their liquor one night a week and open their doors to underage students, BACCHUS's Bowman claims.

Other colleges also are using "dry" nightclubs and other incentives to curtail illegal drinking among underage students.

Last spring, Penn State and Maryland, among many others, opened dry bars offering alcohol-free drinks and live music several nights a week.

One Northern Arizona dorm director founded a "high sobriety" club aimed at teaching students that it's "okay not to drink," Brandel says.

"There's still abusive drinking behavior on campus," he adds. "But there seems to be a growing trend among students to be respon-

sible in their drinking behavior and to recognize their drinking problems."

Individual houses and whole greek systems at Princeton, Ohio State, Penn State, Missouri, Idaho, Washington, Stanford, Florida and South Carolina, among many others, have adopted dry rushes during the last year.

But greeks themselves often have no choice. In December, for instance, a federal court said Villanova could be held liable for an off-campus auto accident related to an off-campus frat party at which minors illegally were served alcohol.

"Schools know that presuming no control over greeks puts them in no better liability position," Bowman adds. "So greeks are doing more to safeguard themselves, and colleges are trying to ensure campus-wide adherence to the same set of regulations."

Nevertheless, he notes "in some schools, there are lots of infractions against drinking policies. At others there are a minimum of problems. It depends on how much time the university and the students spend talking about the changes."

"Where that isn't done, there are probably a lot of growing pains."

WHY "HELGA" PISCOPO EX-EAST GERMAN SWIMMER DRINKS MILLER LITE



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**"TO KEEP
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FIGURE"**

**THERE'S
ONLY ONE
LITE BEER**



FRESHMEN AND SOPHOMORES Admission Interns for 1987 - 88

The Office of Admission is accepting applications for Admissions Interns for the academic year 1987-88. The position includes assisting the Admissions staff with high school college nights and programs and interviewing prospective students. If interested, please contact Johnna Duval in the Office of Admission. Applications must be received by *Friday, April 17, 1987.*

GAIN COMMUNICATION SKILLS WHILE MEETING NEW PEOPLE AND HAVING FUN!

Become an Admissions Tour Guide For
Academic Year 1987 - 88!

If you're interested, stop by the Admissions Office (1st floor Boynton) and pick up a Tour Guide Application. Applications must be received by *Friday, April 10, 1987.*

Students eligible for financial aid are given preference.

'Condom Week' Becomes a Cause Celebre on Some Campuses

(CPS) Charges flew, government agencies feuded and college students nationwide got all sorts of free prophylactics last week as "National Condom Week" unfolded.

While such weeks in years past have gone largely unnoticed the panic about AIDS (acquired immune deficiency syndrome) this year made Condom Week — originally invented by prophylactic manufacturers and Planned Parenthood as a way to promote birth control — a cause celebre on many campuses.

The Gay-Lesbian Student Association at the University of Nebraska, for instance, had to get a court order to distribute free condoms on campus.

University of Minnesota officials decided that making students aware of AIDS danger was worth defying a state law that restricts condom distribution on public property.

The American College Health Association, a group representing campus health clinics around the country, distributed "AIDS Information Kits" that included a condom to various campuses, provoking some conservative groups to protest there was no need to demonstrate AIDS information so graphically.

"Condom mania, which is what I see around in some quarters right now, will not save our children," U.S. Education Secretary William Bennett said in Austin, Texas, last week.

Bennett and U.S. Surgeon General Everett Koop traded opinions all during this week. Koop generally favors discussing AIDS in sex education courses as early as third grade, while Bennett generally wants to direct the discussion of how to avoid AIDS more at encouraging "monogamous, mutually faithful relationships."

"AIDS," Bennett said in Texas, "is just one more compelling reason for discouraging sexual activity among children. To be fixated on condoms as the answer is a mistake."

Nevertheless, condoms as a tool to prevent AIDS was the focus on most campuses last week.

A Stanford student group distributed 500 condom samples in different colors, textures

and flavors at part of an AIDS Education Project.

Cal-Berkeley, Dartmouth, Rutgers and Maryland all approved passing out "Safe Sex" kits that included condoms. Tulane's program included putting condoms, vaginal jellies and "safe sex" literature in lunchbags emblazoned with the words "Condom Sense," says Deborah Blom of the American College Health Association.

A number of other colleges chose the week to announce they installed condom dispensers in campus restrooms and omnibus AIDS education courses in the curricula.

The Rev. Fred Tondalo, head of AIDS Center One in Fort Lauderdale, Florida, publicly asked area hotels to distribute free condoms to students as they check in for their spring breaks.

It may be only a matter of time before AIDS begins to spread in the college population, says Dr. Joy L. Greenway, of the U. of Arizona's student health service.

At the U. of Miami's Comprehensive AIDS program, Director Dick Iacino warns, "With unprotected intercourse — vaginal or anal — you're getting into very high-risk areas. Know your partner or partners well, and adopt safer sex practices. The HIV virus (that causes AIDS) does not cross barrier contraceptives, i.e.: condoms."

Iacino adds there's no way to choose a "safe" sex partner. Not everyone who carries the virus has AIDS, or is sick in any way.

"You could be standing next to the healthiest hunk, and he could be zero-positive (be exposed to and fighting the HIV virus). Meanwhile, he could infect you," Iacino says.

Still other schools — South Dakota, Oklahoma and Georgia, among them — used the week to announce they were proceeding with efforts to form campuswide AIDS policies.

But sometimes the efforts fall short. A doctor at Minnesota's campus health clinic, for one, recently advised worried students to seek AIDS tests elsewhere, where their privacy could be assured.

UPTOWN

presents
THURSDAY, APRIL 2nd

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Show Time 9:00 PM — Admission \$7.00

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John L. Esposito, PhD

Department of Religious Studies
College of the Holy Cross

"Islamic Fundamentalism and American Foreign Policy"

Professor Esposito is one of America's leading academic authorities on Islam. He has traveled to many Islamic countries where he met with leaders of Islamic movements. Professor Esposito is the author of six books about Islam and has served as a consultant to the United States State Department.

THURSDAY, APRIL 9
7:30 PM

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CLASSIFIEDS

Newspeak will run classifieds free for all WPI students, faculty and staff. Free classifieds are limited to six (6) lines. In addition, advertisements which are related to commercial business or off-campus concerns will not be free. Ads longer than six lines, as well as commercial and off-campus ads, must be paid for at the (off-campus) rate of \$3.00 for up to six lines and \$.50 (50 cents) per additional line. Classified advertising must be paid for in advance.

No information which, in the opinion of the Newspeak editors, would identify an individual to the community at large will be printed in a personal ad. The editors reserve the right to refuse an ad if it is deemed to be in bad taste, or if there are many ads from one group or individual or on one subject.

The deadline for classified ads is noon on the Friday preceding publication. All advertisements must be on individual sheets of paper and must be accompanied by the writer's name, address and phone number for verification.

Name _____ PHONE _____

ADDRESS _____ TOTAL ENCLOSED _____

AD TO READ AS FOLLOWS:

Allow only 30 characters per line.

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

Juniors!!! Send slides/negatives of friends...etc. to Box 1065!!

AIAA Paper airplane contest coming up...

Thank you, Professor van Alstyne.

Good Deep Purple Tickets for Monday, April 20 show available at cost (\$16.50). Call Paul or Jon at 793-0878. Wouldn't you love to see that *goofy* shot of you & your pals on the screen at J.P.?

Chris, I tried the gerbil-powered graph paper grid, but it didn't work. Tim.

Make a Paper Airplane for prizes.

Di - Can you wait until July???

Buy 'em and leave after Joan Jett, that's what I'm going to do!

Steamroller Babies - We are churning urns of Burning Funk. Carrie - How's the snoring problem? Kathy - Is Binky belly up yet? It's only a matter of time - The Hairy Chested Men.

Get rules in M.E. office for paper airplane contest.

Juniors- this is your chance to make your friends "stars!"-Send negatives to box 1065!

Happy Belated Birthday Eddie Munster. From your roomies, Beaker and the Stud.

Thanx for walking me home, Helen. Dave.

Paper Airplane Contest, April 16 11 a.m. - 1 p.m.

Fruit Street - Large 4 Bedroom apartment, partially furnished... appropriate for 4-6 students, parking included. \$850.00 plus reasonable utilities. Call now 792-0049, leave message if necessary.

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Caddies Needed: Any experienced Caddie looking for work Please contact the Worcester County Club Monday - Friday 9-5 853-5087

Hello to all my friends from Jack in Sierra Leone! No Show yet, but it would only freeze my palm wine. Wi go si, ya?!

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HILLEL bagel brunch, Sunday 10:30 a.m., Morgan A.

"This is my wife. I love her sweet, little smile. Her rubber nose. Her dead hand. She knows exactly what puts a smile on my face. I think I'll keep her."

The little lady knows Frank wants the light beer with the first name in taste, Bud Light. Because after a hard day's work of wiping out a small town in the Bavarian Alps, Frank won't settle for less than the best. So while she keeps him in Bud Light he keeps her in stitches. That Frank, what a card!

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What's Happening

Tuesday, March 31, 1987

1:00 pm - Golf at Bentley/Providence College
 3:00 pm - Mens' Lacrosse at Babson
 3:00 pm - Baseball at Babson
 4:30 - 5:30 pm - Undergraduate Mathematics Seminar, "Risky Business," with Paul Creagan, Assistant Actuary, Paul Revere Insurance Companies, SH 203

Wednesday, April 1, 1987

4:00 pm - Softball vs. Assumption
 3:00 pm - Men's Tennis vs. Holy Cross
 9:00 pm - **The New Thing**, Annie Hall, Alden Hall, \$1.00

Thursday, April 2, 1987

3:30 pm - Mens' Lacrosse at WNEC

Friday, April 3, 1987

1:00 pm - Golf at MIT/Coast Guard
 3:00 pm - Baseball vs. Wesleyan

Saturday, April 4, 1987

11:00 am - Softball vs. Western Conn. 1:00 pm - Men's and Women's Track at Eastern Connecticut/Wesleyan
 2:00 pm - Baseball vs. Bates
 2:00 pm - Men's Tennis vs. Babson

Sunday, April 5, 1987

6:30 & 9:30 pm - **The Reel Thing**, *Pretty in Pink*, Alden Hall, \$1.50

Monday, April 6, 1987

1:00 pm - Golf vs. Assumption/Holy Cross
 4:00 pm - Softball vs. Clark
 8:00 pm - Spectrum Fine Arts Series presents - *Al Eaton - MLK - We are the Dream*, Alden Hall, free

POLICE LOG

Sunday March 1

3:30 AM - Report of students throwing furniture out of third floor window of Morgan. Officers respond and find parts of a bed on west side of Morgan.

3:50 AM - Several mailboxes in Daniels reported smashed.

3:55 AM - Officers respond to a call for assistance from WPD. One WPD officer is at Store 24 with two males causing disturbance. One suspect fled the store, heading toward WPI, subsequently being apprehended at the student counseling center by WPI officers. Both subjects are WPI students. WPD placed them under arrest for various charges.

Monday March 2

8:00 AM - Officer responds to a report of a car being broken into in Stoddard parking lot.

Tuesday March 4

12:55 AM - Campus pizza-deli calls to report that their delivery person had a German Sheperd removed from his vehicle while delivering a pizza to Daniels. The dog was later recovered.

Wednesday March 5

11:00 AM - Ambulance called for injured student in Harrington. Subject was transported to Hahnemann Hospital.

Thursday March 6

2:30 AM - Sergeant reports advising Lambda Chi members regarding open container laws and shutting down a party that was still active.

9:59 PM - Call received regarding two youths walking by Stoddard B Room 115 area. The two subjects were throwing objects and breaking a window. Officers respond, descriptions given, but youths were not apprehended.

11:30 PM - Cab driver calls to report a possible fight between fraternity brothers and driver of a green Cadillac regarding some kind of reckless driving. Officer responds and finds that no altercation has taken place between the subject and the Alpha Chi Rho brothers.

Sunday March 8

2:47 AM - Officer reports a couch fire outside of 22 Dean St. A fire truck is called and the couch is extinguished.

8:50 AM - A report is received of a computer being taken from Goddard Hall. Officers out to investigate.

2:00 PM - Students from Ellsworth-Fuller call to report young children going through area trying to gain entry into apartments looking for soda cans. Officer responds and sends subjects on their way.

Monday March 9

9:00 AM - Supervisory custodian calls to report there was a break-in into Stoddard A 115. Officers respond, appropriate reports filed.

8:14 PM - Student reports that there is no cold water and only a small amount of hot water running in Daniels. Plumber is called and situation is corrected.

Wednesday March 11

1:40 AM - Officer reports a vehicle registration plate stolen from a vehicle in Stoddard parking lot. All thefts and incidents

in Stoddard lot are all still under investigation.

Saturday March 14

8:45 AM - Professor from Higgins Labs calls reporting suspicious male in the building. Officers respond and search area to no avail.

Friday March 20

1:30 PM - Student calls reporting his room had been trashed during break. Sergeant out to investigate. matter was cleared up when one person responsible for the incident was located. Disciplinary action to take place.

Saturday March 21

4:30 AM - Officer while on Daniels 3rd finds a room wide open and no one around. Room was secured. A short distance away, another open room found with key still in keyhole. Situation was corrected. One must stress that doors should be secured if things are not to disappear.

3:45 PM - Student from Morgan reports that a larceny had taken place from his room. Officer dispatched, report taken. All incidents in Morgan are under investigation.

Sunday March 22

12:15 AM - Unknown male caller complains of loud music coming from Daniels 4th area. There was no party going on, but one room had a loud stereo which was lowered.

12:50 AM - Officer on patrol observes loud music from Daniels 4th area again. Advises stereo be turned down.

Monday March 23

12:15 PM - An AT&T employee calls from Worcester Airport reporting that while at a meeting at WPI, he had left his notebook and airplane tickets in Harrington. Items were recovered and delivered to person in time for his flight.

Tuesday March 24

5:30 PM - Officer on patrol reports that detectors in Daniels near rooms 227 and 224 have been tampered with. Electrician called.

7:00 PM - Fire alarm in Morgan was set off because one room had papers strewn about the front of the door which had been ignited. Person responsible was later located.

7:10 PM - Student injured while weightlifting in Alumni Gym. Officers respond and ambulance called.

Wednesday March 25

3:00 AM - Complaint of loud music coming from SAE. Sergeant responds and speaks with president of fraternity. Music was turned down.

5:00 PM - Accident reported at Boynton and Institute. Officers out to investigate.

Thursday March 26

12:26 AM - A Holy Cross student visiting WPI reports lewd and lascivious from a motor vehicle at Institute and Einhorn. Culprit in vehicle not apprehended, but a plate number was obtained. Investigation continuing.

9:25 AM - Request from City of Worcester Parks Dept. requesting that members of SAE, Fiji and Theta Chi curtail using Institute Park for a period of time so that the grass can grow. The assistance of those fraternities is appreciated.

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