

Freshman seeks office in Holden

by Tom Nicolosi
Newspeak staff

When Holden voters go to the polls on December 21 to choose their town selectmen one of the names that they will see on the ballot will be that of W.P.I. freshman Richard Ferron. An M.E. major and lifetime resident of Holden, Ferron seems determined to put his best effort into the campaign. "I plan to knock on every door in Holden before the election," he said.

Being eighteen years old and a college student Richard is an anomaly in the political scene. His competition ranges in age from late twenties to forties and people often look upon Richard with skepticism because of his youth. "I get basically two reactions from the people that I talk to," he said. "Some people say, 'Great! That's what we need, some new, young blood!' while others think that

I'm too young." Many of those who believe Richard Ferron to be "too young" change their opinion when they hear him speak about the issues that most concern him and the town, finding a new water supply for the town's 23,000 residents and providing adequate housing for the elderly.

Ferron was also confident that he could handle the double life of student and politician. He pointed out that the job was part-time and that all the other selectmen hold regular jobs in addition to their duties in public office.

All in all, Ferron has so far been successful in conducting his campaign, receiving enough signatures to place him on the ballot. With almost no funds and a tough race ahead of him Richard is about to face a couple of months of bringing his campaign to the people. His success rests upon how well he will be able to sell himself to his neighbors in Holden.



Candidate Rich Ferron

-Steve Kmotek

Newspeak

The student newspaper of Worcester Polytechnic Institute

Volume 6 Number 22

Tuesday, October 17, 1978

Newspeak's
watch
on
Washington

-see page 13-

Over 200 universities represented

Cranch inauguration set for Friday

by Dorian Jay DiMarco
Newspeak staff

This coming Friday October 20 will mark the Inauguration of Edmund Cranch as the twelfth president of W.P.I. It is an event that should not be missed, for most college students rarely have the opportunity to attend an inauguration, it happens roughly every ten years at Tech. The Presidential Inaugural Committee headed by Prof. Donald Zwiep has spent many painstaking hours preparing for this most elaborate inauguration. Present at the ceremonies will be representatives of over 200 Universities, including 28 college presidents. These dignitaries will represent such universities as Harvard, MIT, R.P.I., Colgate, and Dartmouth, just to name a few.

The Inaugural Program will begin with the Invocation by The Reverend Peter J. Scanlon, followed by the National Anthem, and greetings by

government, alumni, faculty and students. President Cranch will then be introduced by Dale Corson, Chancellor of Cornell University. The presentation of Charter and Seal will be made by the Chairman of the Board of Trustees of the Institute, Paul S. Morgan. This is preceded by President Cranch's Inaugural Address and finally The Benediction by The Reverend James Miller.

As is traditional the Grand Marshall, Professor Thomas H. Kell will carry the original walking stick of John Boynton, founder of the Institute. As students we should show up in force and reveal our support for the man who'll take the trying task of guiding our school. The Inauguration will be followed by a grand reception which is open to all students. This is promised to be an event you will not want to miss. We all wish our new President good fortune and many happy years as the chief officer of W.P.I.



Pres. Cranch relaxing with students.

-Steve Kmotek

More financial aid available

Office of Education increases WPI grant

The United States Office of Education had advised the Financial Aid Office that WPI's request for additional NDSL funds has been granted in the amount of \$45,000. These funds will be awarded for Terms C and D. WPI students who are U.S. citizens and who can demonstrate a need for a loan in amounts up to \$1,200 will be considered. Students who have been previously awarded a NDSL for 1978-1979 in an amount less than \$1,200 may increase their loan to the maximum amount. Application forms will be available in the Financial Aid Office on November 1, 1978 and must be returned by December 1, 1978. Students having any questions pertaining to these loans should contact the Financial Aid Office in Boynton Hall.

Course overloads causing concern

by Phil Czapl
associate editor

Overloads are a mammoth problem according to Dean William Grogan, Dean of Undergraduate Studies.

Too many overloads, a high course failure rate by students who overload, and phantom registrations have prompted Grogan to propose a new policy to remedy the situation.

Overload registrations have increased dramatically in recent years. During the course of the 77-78 school year approximately 1500 overloads were registered. In fact, many of these overloads were for 2/3 of a unit, meaning that the student involved was taking the equivalent of 5 regular courses. Nearly 1200 of these overloads were for continuing project work.

Grogan feels that the explosion of overloads is creating a tremendous burden upon the faculty, who are in a sense donating extra time and effort to teach classes made large by overloads. Overload students in the classroom produce the equivalent of having 500 extra fulltime students per year.

Not only are the faculty being burdened, but the students themselves can't seem to handle the extra courses for which they register. Overloads are disastrous to most. Roughly 2/3 of students taking overloads pass only 2 courses.

In the case of project overloads, Grogan has found that students tend to concentrate their efforts on regular course material and let the project

continued to page 18

Tuesday, October 10, 1978
Soccer vs Babson, away, 3PM.

Editorial

President Carter's tax relief legislation finally made its way through the 95th Congress. Unfortunately, it does not contain any provisions for tuition tax credits.

Carter officially told congressional leaders of his opposition to tuition tax credits in a letter last February. He said the idea would be wasteful, and would not ultimately help middle income families in their fight to meet the ever-rising costs of higher education.

The current bill would allow people to subtract 35% of college tuition costs from their federal income taxes, not to exceed \$100 in 1978, \$150 in 1979, and \$250 in 1980. After January 1, 1980, part-time students enrolled in college four months out of the year would also be eligible for the tax credits.

Many of the country's major educational associations have joined the President in opposing the congressional plan. Carter has proposed a "Middle-Income Assistance Plan" which would add \$1.2 billion to the \$4 billion in aid available from such existing government programs as Basic Educational Opportunity Grants, Guaranteed Student Loans, and Work-Study. Students whose families earn more than \$16,000 a year would become eligible for work-study jobs for the first time. Average grants to families earning between \$8,000 and \$16,000 would increase, too.

Most public opinion polls have made it clear that middle income people need some type of tuition relief. The National Center on Educational Statistics estimated that, this year, the average cost at a typical public college is \$3,000, while it costs \$5,000 to attend a typical private school.

The College Entrance Examination Board (CEEB - the people who give us all those tests with the little acorns on them), however, disputes the need for any increased tuition aid at all. A CEEB prepared report claims that average family income has risen *faster* than college costs since 1967. Many observers, citing this report, have inferred that the middle class families of this country are simply less willing to pay for a college education.

Obviously, the people who prepare reports for the CEEB never tried paying for a semester's worth of engineering education. I'm sure that the average WPI student will join with me in calling for swift enactment of some type of tuition relief. With our bill rising at an annual average of \$300, we have to take a serious look at President Carter's proposed package. Although a straight tax write-off would have precluded any chances that the money would end up in the wrong place, the President's program of increased existing aid is definitely a step in the right direction, and should be given serious consideration by the 96th Congress.

Watch the elections November 7 very closely. Take particular care in noting what stands the candidates have taken on aid to higher education. Remember the statistics cited above when casting your vote: you could be robbing yourself of a chance for some long-awaited relief.

- Tom Daniels



Letters

Another against PE

To the Editor:

Dale Hobbs has the right idea. I agree that the physical education requirement should be abolished. If a student does not realize the importance of exercise by the time he (or she for that matter) is in college well then, this is his loss. In a curriculum such as the Plan, where a student is supposed to be responsible for his educational goals, choose his own courses, and in fact determine his life's future, then shouldn't this option be extended to physical education? Why should I have to spend time pursuing on my own,

doing what I want, when, and where I want it. Don't tell me about PE1000. For years now I've wanted gym credit for what I do on my own but it just hasn't worked. I'll bet I put in more time and effort in one weekend of rock climbing than many get in an entire term of bowling or volleyball or whatever. The PE requirement is unfair and should be changed. Now, I'd like to see it taken to court. Would you like being told you can't graduate because you didn't get enough supervised exercise?! Come on now, let's be realistic. Down with the PE requirement.
Pete Nelson

C.C.S. Meeting

To the Editor:

The next meeting of the Committee of Concerned Students will be at 4:00 pm, Tuesday in the pub. All members of the WPI community are welcome to attend. If you are interested but unable to attend contact either Paul Wrabel at Box 1709, or CD Reed at Box 150.

We would like to remind those who are registered to vote outside of Worcester to either send for an absentee ballot or pick one up while home over term break. We also thank all those who helped in bringing students to City Hall, Worcester to register last week.
Cathy D Reed

Class of '82 President

To the Editor:

By now you most likely have met me. I hope I have met your approval. Ever since I can remember I have been trying to help the people around me. To me, being President is one more way in which I can meet people and help them achieve their goals.
Just as I cannot become President

without your help, I will need your ideas and cooperation to be an effective President. However, I know that we have a good freshman class, and we will go a long way.
Please support me for President of the class of 1982.
Peter F. Young

Newspeak

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WPI NEWSPEAK OF Worcester Polytechnic Institute, formerly the *Tech News*, has been published weekly during the academic year, except during college vacations, since 1909. The editorial opinions expressed herein are the opinion of the person or persons whose name appears at the end of the editorial, and are not necessarily those of the editorial board, or of WPI. Editorial and business offices are located in room 01, Sanford Riley Hall, at WPI. Copy deadline is noon of the Saturday preceding publication. Printing done by Jeda Corporation, 11 Harvard Street, Worcester, Massachusetts. Second class postage paid at Worcester, Massachusetts. Subscription rate: \$5.00 per school year, single copies 20¢. Make all checks payable to WPI Newspeak.

There will be an open Executive Council meeting on October 18, 1978 at 4:30 pm in the Student Affairs office.

FURTHERMORE THERE IS NO TRUTH TO THE RUMOR THAT WPI IS CLONING A MOUSE!



How Did I Do?

Ayyy



DC rep in congress

(WASHINGTON, D.C.) — An obviously elated Senator Edward Brooke called passage of a constitutional amendment granting the District of Columbia full representation in the Congress, "A great victory, not only for residents of the district, but for all residents of the district, but for all Americans."

The Massachusetts Republican, who was born in the District, has long advocated representation for this city of 700,000. In 1971 he was one of 23 Senators voting for D.C. representation as an amendment to the 18-year-old vote.

"We've come a long way since 1971," said Brooke, who spent much of Tuesday lobbying his fellow Senators and delivered what colleague Edward Kennedy later called, "an eloquent, persuasive floor speech."

"I am deeply pleased that the Senate this evening passed legislation which would provide full voting

representation for the District of Columbia," Brooke said after passage.

"This action is long overdue. For almost two centuries the residents of the District have had all the obligations of American citizens. They have paid taxes, obeyed the law, and defended the country in time of war. But they have not had the right to elect their own voting representatives in Congress.

"This legislation will grant that right and provide the citizens of the District of Columbia with the same rights, privileges, and duties that other citizens throughout the nation have enjoyed.

"I fervently hope that the states will expeditiously ratify this necessary and important constitutional amendment and that my own state of Massachusetts, as it has done so many times in the past when freedom and human rights are at issue will lead the way," said Senator Brooke.

Working women now in majority

(CPS)—The women's movement notwithstanding, women are still frequently thought of as home-bound creatures. A new set of statistics, though, may help change those unrealistic notions.

For Herbert Bienstock of the U.S. Bureau of Labor Statistics reports that now, for the first time in American history, working women outnumber non-working women. As of June, 1978, 50.1 percent of all women 16 years or older worked, accounting for a female workforce of nearly 39 mil-

lion. Three out of four working women, moreover, worked full time.

The percentage was even higher for women with families. A record 8.2 million families were headed by women, of which 59 percent worked. Yet the median income of those woman-led families was still far below that of two-parent families.

The statistics varied in racial breakdowns. The employment rate for black women was 53.8 percent, versus 49.7 percent for white women.

The following people are official candidates for the election of the Class of 1982 officers:

President

John F. Kelly
Mark V. Morawiec
Jamie Wakulich
Peter Young

Vice President

Kingsly Brown
Tim McGrath
Michael Pacek
Nancy Perkins

Secretary

Anni Autio
Ann Noga

Treasurer

Debbie Bromley
Stuart J. Joseph

Freshman Class Representative

Cynthia Gagnon
Douglas Towart

Since no commuter representative petitions were turned in, there will be no commuter representative election. Freshmen, please remember to vote Monday, October 23, from 9:00 a.m. - 4:00 p.m. in Daniels.

The following graduate schools will be visiting Holy Cross on these dates:

WEDNESDAY, October 18

University of Pittsburgh
School of General Studies
Administration of Justice Program

Friday, October 20

Saint Louis University
School of Law

Students wishing to be interviewed by these graduate schools at Holy Cross must check with the Office of Graduate and Career Plans at ext. 260 the day before in order to see if there is room on the schedule. There will probably be more schools coming in November and we will update it.

This is the final issue of WPI Newspeak for term A. Next issue will be on Tues., Nov. 7. Deadline for all material is noon Nov. 4. There will be a full staff meeting Wed. Nov. 1 at 4:30 in the Newspeak office, Riley 01.

"Legendary Ladies" films start Oct. 24th

Greta Garbo, Vivien Leigh, and Vanessa Redgrave are only three of the great actresses coming to the Worcester Art Museum this year in "Legendary Ladies," the 1978-79 series of seven outstanding films about famous and infamous women of history. The cinema has long been an important medium for expanding our knowledge of the contribution of women to Western civilization, and many of the finest films produced in the United States and Europe have been cinematic biographies of extraordinary women who left their mark upon our political and cultural heritage.

Gifted and popular actresses of each generation have portrayed historical figures, bringing to life the achievements and failures of women otherwise known to us only in the pages of history books. All films in the "Legendary Ladies" series proved to be worthy vehicles for the diverse talents of America's favorite screen stars and are representative of the industry's best efforts to produce biographical studies.

"Queen Christina" (1933, 99' black and white), which will be shown on Tuesday, October 24, marked the beginning of Greta Garbo's rise to stardom in the 1930s, and it remains a significant and popular film record of the Swedish actress's range of talents. In the role of the 17th-century Swedish monarch, Garbo displays all the qualities one associates with royalty "as she strides through the drafty palace issuing orders, haranguing diplomats, and occasionally teasing with her throaty laughter."

Directed by Russian-born Rouben Mamoulian, who blended fact with fiction, "Queen Christina" concludes with one of the most famous final scenes in cinema history as Garbo portrays the doomed, destructive heroine who sacrifices all for love. As Don Antonio, the Spanish emissary who unwittingly falls in love with the Queen, John Gilbert was perhaps Garbo's favorite co-star. The film also marks Gilbert's last screen performance.

Show times for "Queen Christina" are 2:30, 6, and 8:30 p.m. At 2 p.m. Nicholas Karcasinas, film critic for *Worcester Magazine* and lecturer at Clark University, will present a brief

introduction to the films and actresses in the "Legendary Ladies" series.

Although few other actresses share the special mystique of Greta Garbo, other films in this series include actresses who have also captivated audiences through the years. Elizabeth Bergner, as Austrian, played the title role in "Catherine the Great" (1934), a film directed by Bergner's husband, Paul Czinner. A sympathetic portrait of the 18th-century Russian czarina, this film will be shown on November 14.

Scheduled for January 9, "Marie Antoinette" (1938), starring Norma Shearer, offers an unforgettable portrayal of that tragic consort of Louis XVI, as well as sets as lavish as any Hollywood has created.

The incomparable Vivien Leigh, with her performance as Scarlett O'Hara behind her, became Cleopatra in Director Gabriel Pascal's production of "Caesar and Cleopatra" (1945), to be shown February 13.

On March 13 the vitality and creativity of dancer Isadora Duncan will fill the screen as Vanessa Redgrave, perfectly cast here, plays the lead role in "The Loves of Isadora" (1969).

The last two films of the series deal with crises of the English monarchy in the 16th century, both of which revolved around Henry VIII and his choice of wives. In "Anne of the Thousand Days" (1969), Genevieve Bujold, in her first major role, plays the ill-fated Anne Boleyn, tragically caught in political circumstances that make her Henry's second Queen but later lead to her execution. Henry's legacy continues to influence the English realm in "Mary, Queen of Scots" (1972). Vanessa Redgrave as Mary and Glenda Jackson as Queen Elizabeth, Henry VIII's daughter by Anne Boleyn, match wits and power in their contest for the English throne. These two films will be shown on April 10 and May 8, respectively.

From the banks of the Nile to the stages of the European theater, "Legendary Ladies" presents film biographies that are always entertaining. Members of the Worcester Art Museum enjoy free admission to this series. Non-members must pay \$2 and for 2:30 p.m. showings are required to pay general Museum admission also.

U.S. cracks down on loan defaulters

WASHINGTON, D.C. (CPS) — U.S. Dept. of Health, Education and Welfare Secretary Joseph Califano told a congressional subcommittee this summer there were 300,000 former college students who had not yet repaid their federally-insured loans. But Califano swore he'd get them to repay. Now the first results of Califano's collection program have been released, and the program seems to be working.

Last year, for example, HEW caught an average of 270 defaulters on three loan programs — the Guaranteed Student Loan, the National Direct Student Loan, and Health Education Assistance Loans — each week.

This year, Califano reports HEW is converting defaults to repayments at a rate of 1200 per week.

The increase is largely due to an expanded federal collection staff. This month, when two of HEW's ten regional offices begin using professional collection agencies, the rate of conversion should increase even more.

Credit is also due to Project Cross-Check, a program which uses computers to match HEW's list of defaulters with the social security num-

bers of government employees. In its test phase, the project turned up over 300 HEW employees who had not yet repaid their federally-insured student loans.

The second phase, which is under way now, will be checking out all federal employees. HEW estimates some 13,000 persons could be involved.

In its third and final phase, Project Cross-Check will look for defaulters in the ranks of the military.

But that's not all. Bob Wilson of HEW's Inspector General's office, says the agency will soon be mounting an intensive hunt for non-federal employees who are in default under the three loan programs. He thinks there may be more than 340,000 defaulters across the nation.

What, then if HEW finds a defaulter who still refuses to pay? In the past, HEW was relatively timid in bringing defaulters to court. From 1972 through Sept., 1977, it referred only some 500 cases to the U.S. Attorney's office. Those days are apparently over. Over 1500 cases have been referred just since last October.

MARATHON WEEKEND IS COMING!

WATCH THIS SPACE FOR DETAILS

HUSTON'S

We're your footquarters
for Frye Boots, Clogs,
Rockport Casuals, Adidas
Nike, Pony, Timberland
Boots, and many, many
more



HUSTON'S



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with Student I.D.
Bank Americard
Mastercharge
Visa

URBAN PLANNING, POLICY ANALYSIS, AND ADMINISTRATION AT HARVARD

Professor Julie Wilson of the Harvard Department of City and Regional Planning will be on campus Friday, November 3rd to talk about the Harvard Graduate Program in Planning, Policy Analysis, and Administration. WPI graduate and second-year student Lisa Baci will accompany Professor Wilson. Discussions will take place from 12 noon to 5 p.m. Contact Graduate and Career Plans for an appointment and further information.

Students interested in careers in transportation, housing and community development, environmental quality and land use, budgeting and public management, regional development developing countries, employment and anti-poverty policy and physical design should inquire about an appointment.

A Freshman guide to rushing

TKE

by Steve Parent
IFC Rush Chairman

Now that fraternity rush is well under way, many freshmen have many more questions about joining a fraternity: What is a bid? When do I join?

IFC Corner

A bid is an invitation to join a fraternity. Once you have met the brothers of a fraternity they will offer you this bid or invitation. It is usually presented to you by the fraternity rushchairman or one of his delegates. If you are interested in many houses on campus, you may receive a bid from all the houses. You must choose which fraternity you wish to join based on the

friendship and other things the fraternities have to offer you. Choose wisely because you will be choosing lifelong friends.

When do I turn my bid in? Bids will be turned in on November 3, in the library seminar room on the third floor of the library. Fraternity representatives will be present there from 4:00 - 10:00 p.m. to accept bids. If you can not turn your bid in at this time you should turn the bid of your choice in to myself at 220 Highland Street (756-9884) or TKE (752-9946) on Thursday, November 2. No bid will be accepted unless it is turned in by the freshmen. After turning your bid in on Thursday or Friday call the fraternity you have chosen informing them of your choice.

On Saturday, November 4, at 11:00 a.m. the fraternities will meet on the Quadrangle to pick up the freshmen

pledges in the dorms. Sportjacket and tie is the usual dress for pledging ceremonies. If you have any questions about Saturday or the pledging ceremonies, call the rushchairman of that house.

What if I decide to wait on my decision to join a fraternity? IFC fraternity bids are accepted one year from the time of pledging should you decide to think more about your choice.

Should you have any questions concerning IFC rush, feel free to contact me at WPI box 115, 752-9946, or 756-9884 Steve Parent IFC Rushchairman. The IFC would also like to extend their thanks to the offices of Student Affairs and University Relations for their time and advice that they gave in supporting the IFC Rush program this year. Once again, thank-you!

The brothers of TKE held a very successful car smash on Friday, Sept. 22 before and after the football rally. The car was donated by Mass. Auto Salvage and the proceeds of the event were donated to the Big Brothers/Big Sisters Organization of Worcester.

Congratulations are extended to the TKE intramural football and volleyball teams.

Congratulations are also extended to Paul Wrable, this year Yearbook Fraternity Editor and Bobby Hart this year's Sports Editor. Lets see a super job this year. Also to be congratulated are Stephen Parent who was recently initiated into Tau Beta Pi and Jim Manchester our President who was tapped for Skull this week.

Mountaineering #5.

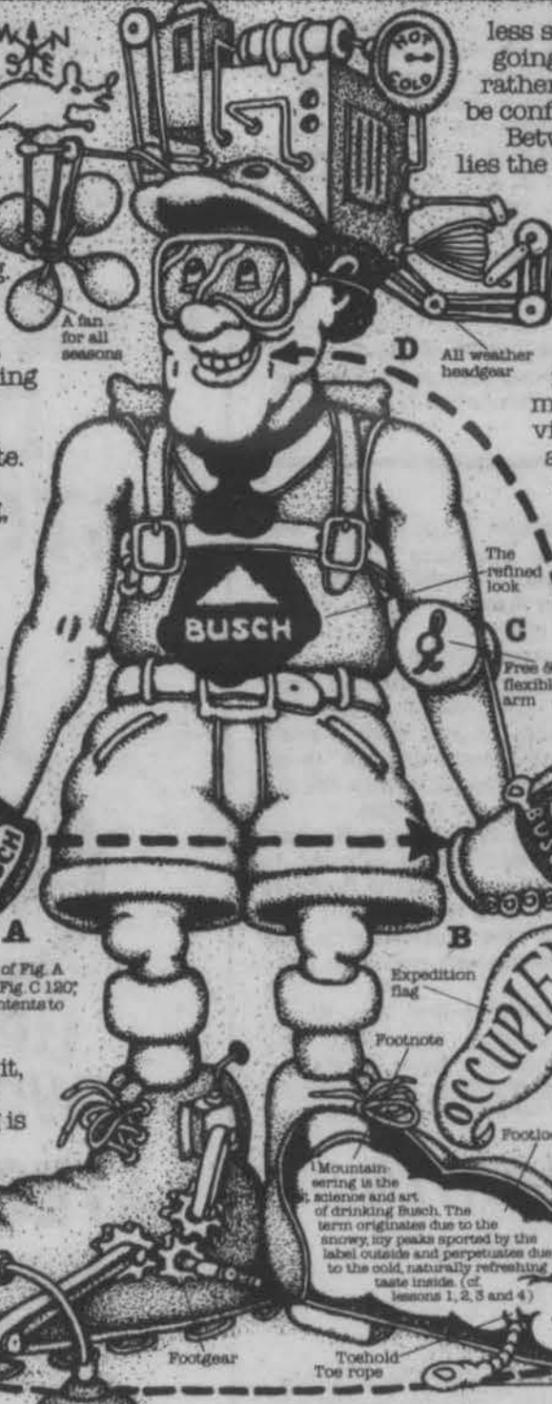
REGULATION GARB

You, a faithful follower of this space, have been a mountaineer for some time now. You've studied the fundamentals, selected your gear and experimented with methodology. In short, you are nobody's fool. Nonetheless, you also know a little knowledge is a dangerous thing. So you want to learn more. Smart thinking.

First, you must realize that once the basics of mountaineering are mastered, it is only nuance which distinguishes the true artists from the merely adequate. Therefore, attention to detail, especially in matters of clothing, is vital.

Always protect the head according to seasonal fluctuations. In winter, a warm hat is mandatory. (The head, after all, is the chimney of the body. Avoid cerebral heat loss - it diminishes your psychophysio abilities.) In summertime, a sun visor or a billed cap will guarantee crucial visibility among the craggy peaks.

Pay particular regard to your footgear. Shoes should be sturdy and stable. A secure footing is of utmost importance. Without it, you're asking for trouble. Point of order: while mountaineering is pursued for fun, it is neverthe-



less serious business. If you are going to down the mountains, rather than vice versa, you must be confident of your standing.

Between the head and the feet lies the area known to pros as "the body" Mountaineering bodywear is usually based on personal preference. However, keep a keen eye out for one common criterion. Your clothes should be comfortable and flexible, allowing for open movement, specifically in the vicinity of the arms. A free and responsive arm is a mountaineer's best friend.

Certain accessories, of course, complement and complete the regulation garb. Expedition flags to mark your territory in public places, connecting ropes for those who prefer the security of mountaineering in tandem and backpacks filled with beer nuts, mugs, bottle openers and other paraphernalia. Beyond these standards, wardrobe styles range from the rustic to the refined. And well they might, for mountaineers are a rugged and individual lot, joined only by a common taste for excellence.

Footpads insure secure footing

Footgear

Mountainering is the science and art of drinking Busch. The term originates due to the snowy, icy peaks sported by the label outside and perpetuates due to the cold, naturally refreshing taste inside. (cf. lessons 1, 2, 3 and 4)

Occupied territory



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

Baby Grand: The right idea

By Vinnie Ascioti
Newspeak Staff

Baby Grand has the idea. The group has the rhythm of a good rock group, but it has to work on the landscape a little more.

ANCIENT MEDICINE, the group's second lp, hits the stores with an ex-

The arts

panded five-man line-up, and a reprise of a '60's classic.

Side One of the new album starts off with a rocking "All Night Long." The song isn't bad, although the singing of lead vocalist David Kagan could use some improvement.

"Much Too Much" is a good rocker, highlighted by Greg Scott's saxophone, and the drum work of David Prater. "Weekend In New Jersey," is an instrumental featuring Eric Bazilian's guitar work.

The final track on the first side is "Runner In The Rain," a slightly overlong, six-minute song.

Side Two opens with a rendition of Left Banke's "Walk Away Renee," a

song dating back to 1966. Rob Hyman's organ and Kagan's vocals help this song.

"Right Here, Right Now" is another rocker, but, by this time, Baby Grand is wearing down the sound. After "Flame in the Wind," the group moves into "It's Not A Figure Salon," another instrumental. It is not one of the better songs on the lp. Bazilian's guitar started off alright during the five-minute finale, but he pressed his luck too far.

The founding fathers of Baby Grand are Hyman, Kagan, and Bazilian. The trio also handles most of the song-writing chores.

The three were part of a band called Wax, writing mostly blues-rock. The band was the opening act for the Byrds and the Everly Brothers, Alice Cooper, and for Chicago, in front of some 20,000 people.

Carmine Rojas, a bassist, previously played with The Crystals, David Bowie, The Spinners, Labelle, and Ruth Copeland.

David Prater was a drummer for Labelle and Santana before coming to Baby Grand.

Baby Grand will move up in the rock scene, but it has to put it all together.



Baby Grand

Jazz seeking changes

(CPS)—Jazz is a strange animal. More than any other musical form, it changes radically from decade to decade. Yet for all its experimentation, jazz has never been a popular music. At least until the past decade.

In the last ten years, more jazz or jazz-related records have been sold than in any ten-year period in history. For the first time, jazz is supporting many of its creators, some of them quite nicely. But jazz is not content. Restless even with success, it's moving on.

ding elements designed to make jazz more palatable to a wider audience. The new packaging often included shortened solos, string backgrounds, and even some disco.

Needless to say, it worked. Although fusion artists like Herbie Hancock, the Crusaders, Weather Report, and Chick Corea are still successful, the chart-toppers are those who have hit upon a seventies formula that fuses music and marketing. And while musicians are profiting, many consider it a compromise that for some is proving unac-

playing what he always was. It's the presentation that's different."

In contrast, Freddie Hubbard is an artist who's been there, but doesn't want it. He's been playing the trumpet for almost 20 years and has recorded over 40 albums. The more successful of them were done in his years with Columbia, where he says he felt pressured to "record in overproduced settings."

After his latest LP "Bundle of Joy" topped 200,000, Hubbard declared he didn't care for it, and regardless of

economic consequences, intended to stay true to pure jazz. "As far as going for the money," says Hubbard, "you have to put limits on it."

Musicians, critics, and listeners remain divided on whether making music saleable is a departure from musical integrity. Julie Coryell feels that, regardless of motives, the money-makers are necessary because "they've opened doors for other musicians, and without them, nothing would be happening now with jazz musicians."

"Our father, who art a cross between Miles Davis, John Coltrane, and Jimi Hendrix, hallowed by thy name, here in New York, as it was in New Orleans. Give us this day our daily chord changes, and forgive us for playing the wrong changes behind our soloists as we forgive them for playing the wrong changes behind our solos. And lead us not into disco, but deliver us from commercialism."—Larry Coryell, jazz guitarist.

"The market is saturated with jazz in its present form," says Julie Coryell, author of *Jazz-Rock Fusion*, in a recent Denver interview. "The jazz scene has become stagnant, and new bands are going to have to come up with something different."

The past years, though, have been undeniably good. During the late sixties, a very significant event occurred—the wedding of jazz and rock. The result, as Larry Coryell points out, was a hybrid music, influenced by the innovations of Miles Davis, John Coltrane, and Jimi Hendrix. Pure jazz was the base, but it was heavily flavored by rock rhythms and newly-electrified instruments. Davis' "Bitches Brew" opened the floodgates, and jazz-rock-fusion-music began to sell.

So in the seventies, jazz began to feel the squeeze of the bittersweet alliance of business and music. As musicians signed on with larger record companies, their producers began ad-

ceptable.

George Benson is one artist who welcomes a business sensibility towards music. Guitarist and vocalist Benson is the first jazz musician to go platinum. His LP "Breezin'" simultaneously occupied the number one slot in pop, rhythm and blues, and jazz charts. Last year's album "In Flight" passed the two million mark and this year's "Weekend in LA" is approaching the same total, with the cut "On Broadway" in the Top Ten.

"Presentation is it," says Benson. "That's what was always missing in jazz." In an interview with the *Berkeley Barb*, Benson said the problem with jazz was that "the musicianship was great, but the modern elements were missing."

"Take a guitarist like Earl Klugh, playing a classical instrument. Put bass in back of it, a funky rhythm on the bottom, and strings of top. People flock to buy the record. But he's

Consumer complaints cloud solar power

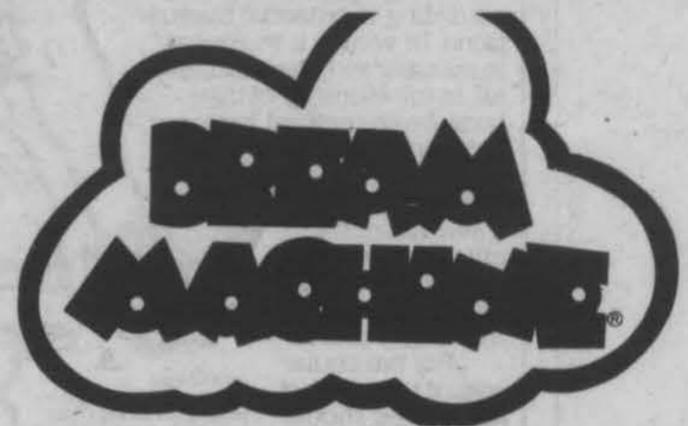
NEW YORK, NY (CPS)—There's little doubt that solar heating systems can help save money, but a survey of New England solar energy users has uncovered a barrage of complaints about maintaining the heating systems. The Research Institute of America checked into the state of 100 New England solar heating systems, and found a full 75 percent of the owners had complaints of malfunctioning solar collectors, and of leaks and freezing pipes.

Nonetheless, half of the survey respondents said they were "satisfied"

with their systems. But, the Institute reports, the solar "industry is worried that (satisfaction) won't last long if complaints rise."

As a result, the industry is going to Washington, D.C., to ask for federal regulations over itself. The industry apparently feels regulations are necessary if the broader public is ever going to feel comfortable adopting solar. The most commonly-offered solution is a federal solar building code, to be implemented by the U.S. Department of Energy.

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Mechanics Hall, October 30, 1978

Barnum Returns to Worcester

I P.T. Barnum, The Prince of Showmen announce that I will give a celebrated performance concerning my experiences over a long and colorful career as America's foremost showman at Mechanics Hall in downtown Worcester on Monday, October 30th at 8 P.M. A champagne reception will be given in my honor at 7:15 P.M. Along with a display of memorabilia of my era.

Mr. Barnum played a very important role in the heritage of America. Barnum is perhaps the greatest showman and

entrepreneur this country has produced. The founder of The Ringling Brothers, Barnum and Bailey Circus. P.T. Barnum also promoted Tom Thumb, The American Museum in New York, Jenny Lind and Jumbo the Elephant. Just to name a few.

Kricker James' portrayal of P.T. Barnum is done on a grand scale. An actor of 20 years appearing in over 200 plays in New York and on tour throughout the United States. Kricker James has appeared on television in "The Nurses" and in the film "Summer Never Ends"

He has recently been invited to perform "P.T. Barnum, The Prince of Showmen" next summer in London.

The program is being presented as a benefit performance for The United Cerebral Palsy of Central Massachusetts whose primary goal is assisting children and adults with cerebral palsy to lead the most productive independent lives as possible.

Tickets may be purchased at Mechanics Hall Box Office of Foothills Theatre. For ticket information, please call 752-5608 or 756-4186.

Newton and Einstein Challenged

(CPS) -- The principles formulated by Sir Isaac Newton and Albert Einstein have been absorbed by physics students for generations. But if the experiments of a host of physicists pan out, at least one of the learned pair's theories may have a few holes in it.

At question is Newton's "Inverse Square Law," a maxim that says the gravitational force between two objects is inversely proportional to the distance between the two objects squared.

"There's no doubt that the law holds true at astronomical distances," says University of California-Irvine professor Riley Newman, "but it is doubtful whether the law holds true at smaller, laboratory distances of, say, less than one kilometer."

The suspicion that Newton might not be altogether correct surfaced several years ago, when Eastern Washington State College physicist Daniel R. Long measured the attraction between objects five centimeters apart and objects 30 centimeters apart. He determined that at such small distances, the ratio of the inverse square law is invalid.

UCI's Newman suggests that one of two things may be happening to distort the inverse square law. "Perhaps gravity itself acts peculiarly at smaller distances, or maybe there is another unknown force entering in that causes the distortion," Newman theorizes.

Recruiters will be visiting Holy Cross on these dates. If you wish to make an appointment, contact the Office of Graduate and Career Plans, ext. 260 the day before the interview.

17	Tuesday	Boston University School of Law
18	Wednesday	University of Pittsburgh School of General Studies Administration of Justice Program
20	Friday	Saint Louis University School of Law
24	Tuesday	Columbia University Graduate School of Business
24	Tuesday	University of Miami School of Law
25	Wednesday	University of Tulsa College of Law
26	Thursday	University of Denver Graduate School of Business and Public Management
26	Thursday	Case Western Reserve University School of Law

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ATTENTION:

Seniors and Undergraduates

There are various part-time positions posted within the Office of Graduate and Career Plans. If interested, check the bulletin board at the OGCP office, third floor, Boynton Hall, periodically for latest listings.

Flash Gordon lives!

Long before "Star Wars" launched a new generation of science fiction films, the heroic Flash Gordon thrilled American audiences with his fearless explorations into outer space. The Worcester Art Museum invites the public to share again the excitement of Flash's exploits when the Museum begins its 1978-79 science fiction film series with a showing of "Flash Gordon: Spaceship to the Unknown" (1936, 95', black and white), Saturday, October 21 at 2 p.m.

Buster Crabbe as Flash, Jean Rogers as Dale Arden, and Charles Middleton as Ming the Merciless provide imaginative entertainment for the entire family in this film directed by Frederick Stephani. In this first of the Flash Gordon films, the hero, with the aid of Dr. Zarkov's scientific genius, must save Earth from destruction by the diabolical Ming, emperor of the planet Mongo. Even the sinister Darth Vader cannot match the fiendish character of Ming who uses all his power to stop Flash and Dr. Zarkov.

Show dates for other films in the Museum's science fiction series are: November 18, "The Day the Earth Stood Still" (1951); January 20, "20,000 Leagues Under the Sea" (1954); February 17, "It Came From Outer Space" (1954); March 17, "The Time Machine" (1960); April 7, "Forbidden Planet" (1956); and May 12, "Phantom of the Paradise" (1974).

All films in the series are considered among the very best science fiction productions of the past four decades. They also reflect the development of the art of special effects in the film industry, and even the earliest of these films displays remarkable technical talent.

Admission is free for members; \$1 for non-member adults; and 50¢ for children under 14 and adults over 65. There is also a general Museum admission fee for non-members.

**Your friend,
Kenny Loggins.**

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"Whenever I Call You 'Friend'."
Kenny Loggins' hit single.
From the album "Nightwatch."
On Columbia Records and Tapes.
Produced by Bob James. A Tappan Zee Production.

Homecoming

Finalists

Photos by Charlie Rader



Maria Rico, 1979,
Venezuelan Students Association



Deanne Butler, 1982,
Alpha Tau Omega



Priscilla Young, 1979, Painters,
Maintenance and Grounds Crew



Linda Mitchell, 1982,
Tau Kappa Epsilon



Jamie Wakulich, 1982,
Stoddard A

WPI Concerts *presents* Homecoming '78



Aztec Two-Step

Fri., Oct 20th

\$2.50 with WPI ID, \$4.00 all others



Trent Arterberry

8 PM Alden Hall

Kelly Monteith *and* The Great Estate

Sat., Oct 21st 8PM

Harrington Auditorium

\$5.00/person with WPI ID \$7.00/person alumni/staff

Reserved Seating

Queen 1978

Runners-Up



*Elaine O'Neil, 1980,
Stoddard B*



*Deborah Greco, 1982,
Sanford Riley 3rd*



*Bridget McGuinness, 1982,
Theta Chi*



*Jeanne Caughlin, 1981,
Lens and Lights*



*Cindy Gagnon, 1982,
Daniels 3rd*



*Soheyla Zandjanian, 1980,
Lambda Chi Alpha*



*Susan Keegan, 1982,
Daniels 2nd*



*Lorraine Eccher, 1982,
Peddler*



*Beverly Elloian, 1981,
Phi Sigma Sigma*



*Lynn Beauregard, 1982,
Daniels 4th*



*Lisa Krauss, 1980,
Zeta Psi*

Ride Exchange Service

Are you leaving Worcester for term break? If you're looking for a ride or if you have room in your car and wouldn't mind someone to share the expenses, you should take advantage of the Ride Exchange Service.

The service is based on the use of a computer program to match students who need rides home with those able to provide rides. The pilot run will take place at the end of this term and is open to all WPI students. After the term break, the service will continue on

a weekly basis for each weekend and holiday. The service also will be expanded shortly to include six other Worcester Consortium colleges. By this expansion, the probability of a student being matched with another student or students will be greatly increased.

Registration will take effect this Wednesday, October 18th. All registration cards must be submitted by Friday noon, October 20th.

Registration procedures follow...



Registration procedure

1. The R E S information board is located across from the Central mail facility window. Posted there is the route-marked map, a listing of the destination codes, and registration information.
2. To use the service you must fill out a RES registration card. Registration cards can be obtained at either the mail room window, the bookstore or

3. Be sure all the written info is clear and complete.
4. Be sure to meet the posted deadline date.
5. The data from your card will be entered in the computer and processed all at one time. Any card returned after the deadline probably will not be processed.
6. You will receive a registration



the Office of Student Affairs. Yellow cards are for driver registrants, blue cards are for ride-seeking registrants.

3. If you have entered the service previously and if all the information is unchanged, simply enter your name and the RES registration number which you were assigned. You will be re-entered in the service exactly as you were the last time you used the service. Proceed to step 5.

4. If this is the first time you are using the service or if your registration information has changed in any way, fill out the entire card. If the needed information is not complete, you will not be entered in the system. Only completed card will be processed.

PLEASE PRINT ALL INFO

Find your destination code on the map by noting the code of the city or town which is or is nearest to your destination.

5. Drop your registration card in the marked box at the mailroom window or to WPI box 4500.

confirmation notice in your mailbox. Drivers: You will only receive a confirmation notice.

Riders: You will receive a list of drivers who have indicated that they will be driving either to or near your destination. It is your responsibility to contact these drivers to make final arrangements.

Final arrangements include the time and day of departure, the time and day of return, the sharing of toll and/or gas costs and driving, if applicable.

If there are any questions or comments, please feel free to contact Box 4500.

Note: We do not guarantee that every entry will be matched. Furthermore, we cannot be held responsible for any mishap which may occur.

Stephen C. Salamin
John W. Putis, Jr.
Ride Exchange Service
Box 4500
Worcester Polytechnic Institute

Classifieds

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

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

NAME _____ PHONE _____

ADDRESS _____ TOTAL ENCLOSED _____

AD TO READ AS FOLLOWS:

lines

	1
	2
	3
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	11

EARN MONEY as our Stereo Rep lowest prices on many brands (example-your cost on Kenwood LS-408B is \$140). For wholesale catalog send \$5 (refundable on first order) - Audio Haven, 10 E. Bayberry Rd., Glenmont, N.Y. 12077.

AVAILABLE—Part time jobs as student level programmers. At least fifteen hours a week. Gain valuable experience in business applications on small computers. You must provide your own transportation. Send letter describing experience and skills to: David Wolff, 271 W. Boylston St., W. Boylston, MA 01583.

CONTROL FROM APPLICANT 182: Dossier arrived incomplete. Require more complete description. "Target is a Freshman" is not enough. Please reply.

LITTLE BUNNY FOO-FOO: Why didn't you run for Homecoming Queen? Goon No. 1.

FOR SALE: Superb Stereo system, only 6 weeks old. Must sell due to financial difficulties. Setton power and preamp with separate tuner \$750, cost \$1,000. Philips 312 record player with top Audio-Technica cartridge \$250, cost \$300. Altec Santana II speakers \$500, cost \$600. Prices are negotiable and inquiries welcome. Greg Caccavale Box 1396 or Riley 118.

COULD student government be replaced by a lighted switch with a burned-out bulb? A friend.

WANTED: People interested in advertising design and layout. Experience not needed. Contact Tom Daniels, WPI NEWSPEAK, Box 2472.

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11-10

BYOB

Cranch gives objectives:

Lucht to head Center for Fire Safety

by WPI News Bureau

WORCESTER, Mass.—President Edmund T. Cranch of Worcester Polytechnic Institute today announced creation of the WPI Center for Fire Safety Studies and selection of the Center's first director.

David A. Lucht, who has been Deputy Administrator of the National Fire Prevention and Control Administration of the U.S. Department of Commerce since its establishment in 1975 will head the new program. Lucht, who will hold faculty status, was named by Dr. Cranch and endorsed by Vice President and Dean of Faculty Ray E. Bolz. Lucht will begin his WPI duties November 20.

President Cranch today referred to the magnitude of the U.S. fire problem. he said, "The U.S. has the highest fire loss record in the world in terms of combined deaths, injuries, and property losses". "Each year fire causes more deaths and property damage than all natural disasters combined", he added. "Through the Center for Fire Safety Studies, the broad interdisciplinary talent of WPI will be

brought to bear on this problem in an effective way."

The Center for Fire Safety Studies has three primary objectives, President Cranch said

—It will foster a high quality educational program aimed at the various disciplines involved in fire safety decision-making and design. Such educational programs may include a new masters' level fire protection engineering curriculum as well as continuing education courses, seminars and workshops.

—The Center will concentrate on technology transfer and information dissemination. Extensive work has been done in various research disciplines in finding new and innovative ways to solve fire problems. President Cranch sees the need for a concentrated effort, in a university setting, to translate research results into useful tools of practice on a timely basis.

—The Center will act as a university focal point for bringing together multidisciplinary student and faculty expertise in fire-related research and development efforts. Such efforts will

concentrate on subjects such as fire technology development, engineering research, management studies, community fire planning, fire data, statistical methods, and mathematical modeling.

President Cranch describes this program as a unique center of academic excellence, which brings together a broad range of talent to concentrate on real world fire problems.

Lucht is well known among the international fire community. He is a fire protection engineering graduate of the Illinois Institute of Technology and has had a rich array of government, academic, and research experiences, Dr. Cranch said.

He has worked at the Ohio Insurance Services Office where he gained experience in fire risk and analysis and evaluation of public and private fire protection systems. In 1968, he joined Ohio State University, serving as Research Associate in the Building Research Laboratory, College of Engineering. Here he gained extensive experience in building code development and full scale fire testing of

building construction systems and materials. He also lectured at the university, instructed fire science

continued to page 16



David A. Lucht

EARN OVER \$650 A MONTH RIGHT THROUGH YOUR SENIOR YEAR.

If you're a junior or a senior majoring in math, physics or engineering, the Navy has a program you should know about.

It's called the Nuclear Propulsion Officer Candidate-Collegiate Program (NUPOC-C for short) and if you qualify, you can earn as much as \$650 a month right through your senior year. Then after 16 weeks of Officer Candidate School, you'll receive an additional year of advanced technical education. This would cost you thousands in a civilian school, but in the Navy, we pay you. And at the end of the year of training, you'll receive a \$3,000 cash bonus.

It isn't easy. There are fewer than 400 openings and only one of every six applicants will be selected. But if you make it, you'll have qualified for an elite engineering training program. With unequalled hands-on responsibility, a \$24,000 salary in four years, and gilt-edged qualifications for jobs in private industry should you decide to leave the Navy later. (But we don't think you'll want to.)

Ask your placement officer to set up an interview with a Navy representative when he visits the campus on Nov. 2, or contact your Navy representative at 617-223-6216 (collect). If you prefer, send your résumé to the Navy Nuclear Officer Program, Code 312-B537, 4015 Wilson Blvd., Arlington, Va. 22203, and a Navy representative will contact you directly. The NUPOC-Collegiate Program. It can do more than help you finish college: it can lead to an exciting career opportunity.

**NAVY OFFICER.
IT'S NOT JUST A JOB, IT'S AN ADVENTURE.**

Life in DC isn't all work and no play

By Don Quinty

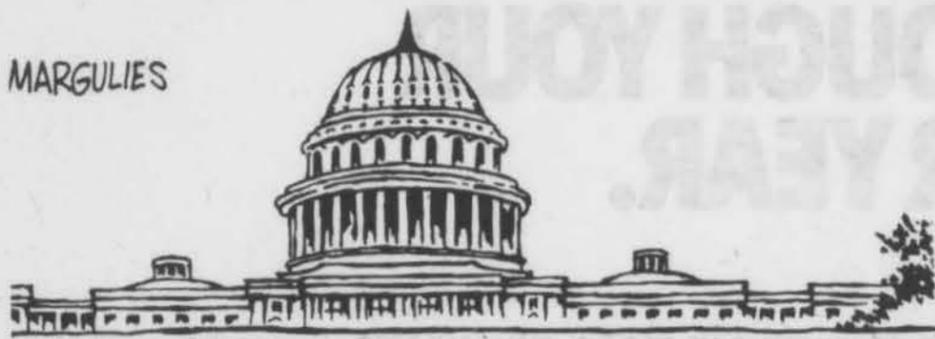
To think, amidst the nation's capitol, the controlling force of all the U.S. inhabitants, the major attraction is not the monuments to democracy but the monuments to American womanhood. For here, there exists (perhaps through a Smithsonian collection) the greatest conglomeration of the universe's fair children, those foxes of femininity, monuments to male chauvanism, nymphs of our necrophelia (? but it sounds good), **BLONDES!!!**

But don't think that the Washington Project Center is all work and no play. There is unlimited computer time available with enough core on hand to handle all the fun stuff that you sweepers dream about. (Beware of wet dreams.) Just consider yourself lucky to go and socialize at reasonable prices. Here, we have taken lessons from Good Housekeeping on shopping techniques to search for distant sales of Anheiser's antidote for executive

the city are reserved for experts while other sectors remain for those in training. But the city does try to make all its guests safe and comfortable.

One aspect that is greatly appreciated and that has already been taken advantage of is the uniquely shaped swimming pool at the corner of 18th and N. But keep it quiet, not everyone knows about it. To hide it during the day it is cleverly disguised as an office building fountain, displaying its aesthetic value to the cream of the nation's executive crop. It was almost kept a secret from us until we stumbled upon its hidden value while enroute to our humble abode from an evening of fluid refreshments. Must I say that we wasted no time utilizing the "swimming pool" fearing that as the clock struck 12 we might undergo a complete metamorphosis to mice and our pool revert to its original state of a fountain. However, all proved safe and the pool remains intact.

MARGULIES



monotony. But on the other hand, George Washington University does offer all the comforts of home; fraternities, brews and Marymount College (the D.C. franchise of Becker). One warning to all newcomers is beware of crime. It is as bad as they say. For instance, more than once, members of the project center innocently held a bit of U.S. currency in their mouth at a respectable, rather conservative night spot, Valentino's. Almost instantly, one of the performers snatched it from their possession in quite a unique fashion. It was my guess that these "pick-pockets" exist throughout the city. To verify this hypothesis, we decided to undertake a new, inovative IQP entitled "Crime in the City -- Does she or doesn't she?" Our initial research and experimentation took us to an area of town known for its availability of resources. From an informer wishing to remain anonymous came the words "Pass Go, collect \$200, You'll need it. Take a walk on 14th Street." Being the knowledge seeking engineers and scientists that we are, we took heed to those words and decided to investigate the situation. After a thorough search of the referred area, we came to the decision that this area was the training grounds for future pick-pockets. For, if pick-pockets are to go unnoticed, delicately removing personal possessions from the individual, these apprentices require much practice. Quite often they were seen faltering; groping for instead of picking the pockets of the nation's tourists. We finally came to the conclusion that designated areas of

Our latest ventures have carried us to Georgetown University where gym privileges have been granted to the members of the WDCPC. Here we all get a chance to work out at the campus pub. For a school twice as big, the size of the facility is inversely proportional (1/2 as big) but the quality of its patrons is definitely directly proportional. A trip to this facility recently yielded about a 99% return on intoxication and an all around entertaining time. Frequent visits are now on our PERT chart.

And now I see by the old clock on the wall that a group of us have an appointment to keep with the Wednesday night Georgetown pub staff. They search for new ways to brighten the scene and increase the action. In all, it can be said that we are the WPI ambassadors of good cheer. For now, this is DQ in D.C. and now -- back to Worcester.

**ASME Meeting, 4PM.
Mr. Earl Madison, ASME
Regional Field
Representative; HL109,
Refreshments will be
served.**

**THE SPIRIT OF THE
BLACK GOAT
WILL RISE AGAIN!**

What's happening at the Project review

By Newspeak Washington Bureau

There are nine separate projects going on through the Washington D.C. IQP program this fall. Twenty-six students from WPI traveled to our

On projects

nation's capital to begin work in a wide variety of areas.

One project group is working with the Department of Commerce (DOC) studying the effects of many of the local supermarket chains moving to the suburbs.

Another DOC affiliated group is working in studying the seasonal causes of mobile home fires. If the standards are found to be sub-standard, the group will make recommendations to the Department of Housing and Urban Development

A group working with the Department of Energy has set out to record the price standards for air, water, and solid pollution control methods for different industries across the nation.

The other DOC project group is working on the economics of producing natural gas from unconventional sources; such as Devonian shale.

Another project group is working with the Housing Opportunities Commission of Montgomery County. Their task is to determine by interviewing a selection of management, maintenance personnel, and tenants at five family housing developments, a list of design elements that should be included in future housing designs that at present may be neglected.

The National Institute of Education is sponsoring a project group this term. Their objective is to define guidelines by which the educational satellite programs now in use in Appalacia and Alaska may be reduced in cost.

One group, supported by International Energy Associates Ltd., are determining possible uses of high temperature gas reactors other than for energy production.

Another group is working with the Association of American Railroads. Their task is to study the implications of carrying spent nuclear fuels by railroad between reactor and reprocessing plants.

The last of the projects deals with determining correlation factors between patent activity and subsequent imports. Theory work will be carried out at the Office of Patents and Trademarks under the Department of Commerce.

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HOMECOMING

Rope Pull

SATURDAY, OCTOBER 21

RIGHT AFTER THE
HOMECOMING
GAME!



Meet at the
football field after
the game and
help carry the
rope to
Institute Park.

Washington DC Project Center

A tour through our capital city

By Newspeak Washington Bureau

While working at the Washington D.C. project center on our IQP we've taken advantage of the many cultural and educational experiences in and around the Washington DC area.

For example, the Smithsonian Institute has to be the educational bonanza in the District. The National Air and Space Museum provides a look into this country's aeronautic history - the Wright brother's Kitty Hawk plane, Lindberg's "Spirit of St. Louis", John Glenn's capsule, plus a touchable moon rock (WOW!). The Museum of Natural History houses the famous

Hope diamond and countless other priceless gems. Along with the stones are numerous stuffed animals, mummies, and even some dinosaur bones. The Museum of Science and Technology contains a display of antique cars, and train cars. A complete steam driven machine shop is also of interest. The other Smithsonian museums house artworks of every category.

The National Zoo is a must for the tourist element. The attraction of course are the Giant Panda bears, Hsing-Hsing and Ling-Ling. By the way, it is rumored that Ling-Ling is "with bear." The Zoo contains a wide variety of bird life and the usual lions and tigers and bears.

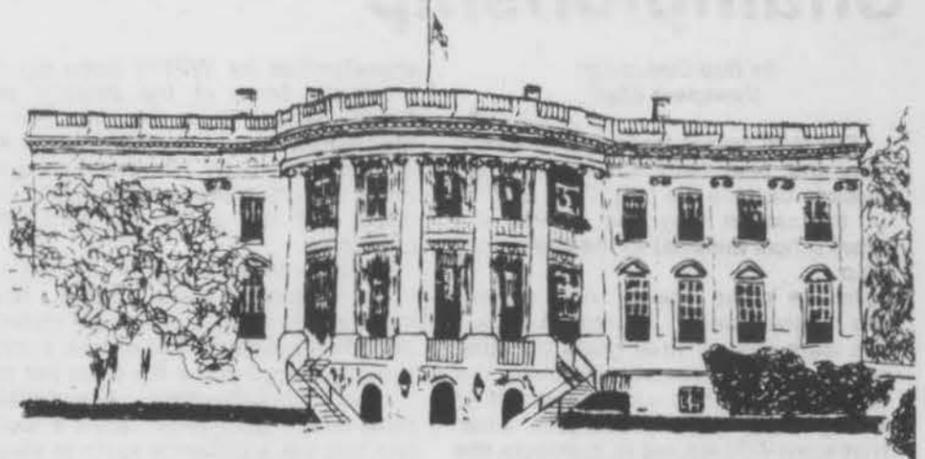
A day on the Mall is an out of towners' playland. The Washington Monument dominates center stage. The Lincoln Memorial lies across the Reflection Pool to one side while on the other end of the Mall is the Capital Building. The Capital Building is a worthwhile stop on your itinerary - the Rotunda and the separate houses of the legislature etc. The Jefferson Memorial lies across the tidal basin. Paddle-boats are available on the tidal basin. Just down the Potomac River on weekends are open-air fresh fish markets. Crabs, shrimp, flounder, and sea trout are sold directly from the boat. Two blocks behind the Capital Building is an open air fresh produce market. The atmosphere and "flavor" of these spots make them a worthwhile spot.

The most striking thing about the White House is that it is smaller than one might expect. Traditional pictures of the White House are on a stately setting surrounded by open spaces while actually the City of Washington is closing in. I think the trained secret service squirrels on the White House are an insult to the public's intelli-

gence - after all, how many squirrels have three-piece suits and sunglasses.

All of these sights mean a lot of walking. Even though our lodgings are only 10 blocks from the monuments - sightseeing involves walking all day.

growth, very soothing. Or - visiting two of the local clubs specializing in raw talent; dancing on tables, throwing money to the performers, etc. Very uninhibited. Georgetown offers a popular stomping ground for college



The Metro - Washington's subway - began Saturday service this weekend. The Metro is a very clean and efficient means of Transportation. The computerized system makes the process of going from here to there a quick and pleasant one. Each traveler purchases a FARE CARD with the amount of travel money you wish printed on it. The traveler runs it through an electronic turnstile on entering the train platform. When leaving the platform at your destination the turnstile spits your card back with the price of your ride deducted from the amount on the FARE CARD - all very efficient.

Washington offers many choices for an evening out. For example, lounging in a fountain and watching a digital readout of the population

students. The clubs keep high standards and high rates also. \$1 drafts are cheap. If atmosphere is important to you, some of these clubs are very nice - sidewalk cafes, garden bistros, victorian parlors, etc. Atmosphere is not cheap. One can easily become the poorest drunk person in the District. The Georgetown Pub offers a welcome refuge (\$3 pitchers). They aren't too sticky on who gets in either. On the way home a stop at the Exorcist Stairway is worthwhile. The whole film was shot in Georgetown. Another economical evening out is a George Washington University fraternity party. Some of us almost got bids at the rush parties. The cheapest nights, however, are those spent at the apartment. These thrilling evenings will increase in number as the projects wind down to completion.



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Sports

Soccer team wins city Championship

By Bob Cummings
Newspeak Staff

The WPI soccer team tied Assumption and beat Holy Cross this past week to capture the City Title. Earlier in the season they beat Clark, the other school involved in the championship.

In the game against Assumption, the toughest one of the season so far, the team scored three goals matched by Assumption. Assumption broke the ice in the first half with a goal off of a long throw-in into the middle. After that score WPI started to dominate the play, especially the half backs Dave Bachiochi, Dave Partridge, Bill Razeto, Art Shorrock, Rick Powell, and Mickey Nallen. The Greyhound's goalie was continually peppered with no results until Leo Kaabi beat the goal tender to a ball and put it in the net to equal the score at one each. WPI kept the pressure on the Assumption defense for the remainder of the half with some good shooting from forwards Norito Endo, Leo Kaabi Abdelkader Tadjer and John Hanly.

Right at the beginning of the second half Assumption came down and scored, going out in front two to one. WPI was at a loss as what to do with the ball and as a result were getting beat all over the field for the first few minutes. Then they broke out of the short slump and started using their skills to out class their opponents and getting a number of good shots that were either too high or off to the side. Finally John Hanly got a shot off that was on net and beat the goalie to tie the score at two. The Strikers kept pressure on the opponents backfield continually forcing bad passes and

opportunities for WPI to score but to no avail. Some of the strikers are Keith Davies, Brian Huntly, Henry Mandelbaum and the others that were mentioned earlier. However, none of these opportunities were turned into goals, and the game was sent into overtime.

WPI continued bringing the play to their opposition and about four minutes into the first of two ten minute periods Abdelkader Tadjer took a long shot the dipped under the cross bar for a goal. Unfortunately, Assumption came back shortly after Tadjer's score and tied the score once again at three apiece and that's how it ended.

The squad then went across town to play Holy Cross on Friday afternoon. Holy Cross was passing the ball well in the mid field but had problems finding the right combinations down in front of the WPI goal. On the other hand, WPI was having some problems controlling the ball until they got down in front of the Cross goal where they just kept shooting away but the Crusader's keeper seemed to be equal to the task at first.

Then WPI broke it open. Leo Kaabi received a pass in front of the net but was unable to shoot so he passed to Hanly who rattled a shot of the post and into the net to start things off. A few moments later Kaabi found himself in a similar situation as earlier except this time he hit Mickey Nallen who blasted a shot through the goal tenders legs to make the score 2-0. Shortly after that Leo Kaabi broke in on the goalie alone and put the ball by him to make the score 3-0. WPI continued to dominate the play although the Cross was passing the ball better they could not do anything with it.



-Mark Hecker

In the second half WPI came out smoking again. This time it was Norito Endo's turn to put the ball by the bewildered Cross keeper. Norito took a long cross and sort of pushed into the goal but it doesn't matter how you get it in the net. What counts is it went in. Shortly after that goal, WPI came down the field breaking through the Cross defense and beating the goalie for the second time was freshman John Hanly making the score 5-0.

The scoring rampage by WPI gave coach King an opportunity to put in some players who haven't played much this year and rest a number of players who were playing with injuries. Some of those players who played well are Tom Trepanier, Pete Kujawski, Chip Coward and Tom Woodbury.

The next game is away at Babson on Tuesday at 3:00.

Cross Country whips the Cross

The WPI cross country team, for the first time ever, defeated Holy Cross Saturday to bring their record to 7 wins and 2 losses to date. Led by senior Dave Szkutak, junior John Turpin, and senior Norm Guillemette, who placed 2-3-4 respectively, the Engineers scored a stunning 24-31 upset. Other scores in this traditionally fierce rivalry, were outstanding freshman Tim Leroy (Gardner, Ma.) 7th place, and junior Jim Drumm, 8th place. This win should indicate to many cross country teams across New England that WPI will be tough this year come time for the championship meets as Division I Holy Cross is always near the top in big races.

Preceding this meet, the Engineers

have won two meets and lost one over the past two weeks. WPI outran Division II power Lowell University 24-35 and Wesleyan University 20-41 with John Turpin and Dave Szkutak placing 1-2 in each race. Top runners in addition to those already mentioned who contributed to these meets have been freshman Tim Haven (Althol, Ma.), sophomore Rich Seaver, and freshman Nike Bickford (Portland, Me.). Mike has been busy this fall because in addition to running varsity races he is undefeated in J.V. meets. WPI also met Bates a couple of Saturdays ago and had an off day, resulting in a 17-45 loss. The team, however, realizes that they can be beaten the next time in the Eastern Championships October 28th.



-Mark Hecker

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COMING

The 7th Annual IFC — UNITED WAY Marathon Basketball Game

Friday, November 17th and
Saturday, November 18th
In Harrington Auditorium

Engineers drop fifth straight

By Commander

The WPI football Engineers brought their traveling road show to Middletown, Connecticut to face the Wesleyan Cardinals, but the result was no better than their four previous outings as they came out on the very short end of a 31-0 decision.

The Engineers came out tough in the early going and made the first scoring thrust of the game, as they marched from deep in their own territory to threaten the retreating Cardinals. Art Hughes directed the drive, using Dave Ford inside the Mike Robinson outside with great effectiveness. The WPI drive stalled at the Wesleyan 35 yard line with a fumble that really left the Engineers empty.

The Cardinals came back in the second quarter following the crucial turnover and opened up their offense via the passing of John Papa and the outside running of the speedy Dennis Robinson to mount an offensive which carried them to the WPI 15. The WPI defense rallied to halt the drive, and

Weslyan had to settle for a 32 yard field goal.

The ball then exchanged hands as the WPI offense could not put out the fire ignited in the Wesleyan team. The WPI defense also responded and stopped the ensuing Wesleyan assault, forcing the Cardinals to punt. WPI then fumbled the ball away at their own 12 yard line. Wesleyan walked in to the end zone easily to make the score 10-0. The Cardinals notched one more score before half-time as they marched 67 yards with less than two minutes to go, and went into halftime with a 17-0 advantage.

The second half was an exercise of frustration, as WPI could do no right while the Cardinals could do no wrong. Defensively, Paul Tenaglia and Jeff Rosen played well in the backfield, along with linebackers Craig Dempsey and Rick Rykosky. Bob Yule played up front as well as can be expected. Mark McCabe and Peter Kelliher stood out on the offensive line, while Jimmy Griffin is starting to come into his own as a wide receiver.



-Mark Hecker

Crew results

On Sunday, October 7, (6:30 a.m.!) the WPI Crews travelled to Middletown to compete in the Head of the Connecticut Regatta. One of the lightweight fours with Jay Feenan, Paul Doe, George Wespi and Jack Tracy, took the second place medals in their division as did one of the heavyweight fours with Scott Booth, Bill White, Wally Catnatch, Bob Coughlin and Gary Pietryk. The boats which competed were one women's four, one women's eight, two freshmen eights placing eighth and thirteenth, one lightweight placing third, one heavyweight eight (placing is inconclusive), two lightweight fours placing second and fifth, and two heavyweight fours

placing second and seventh. Following the races were beer, cake and cookies, and a stop at McDonalds of course, with the inevitable French Fries, Big Macs, etc. (L.S. where is that "go to the next counter sign" and the HoJo ashtray?)

On Sunday, October 15, the city tournament was held on Lake Quinsigamond, however, the results of that race were not available before publication. Up and coming races include the notorious Head of the Charles in Boston on October 22nd, and a challenge race against Holy Cross on Quinsigamond on October 30. Bring a six-pack and join in the fun!



-Mark Hecker

How would Freud relate to O'Keefe?

Cold. Yet warming.
 Hearty, full-bodied flavor. Yet smooth and easy going down.
 And, O'Keefe develops a big head on contact.
 Conflict. Conflict. Trauma. Trauma. Freud's diagnosis?
 We think he would have said, "It's too good to gulp." And you will, too.
 In the final analysis:



Imported from Canada by Century Importers, Inc., New York, NY



-Karen Badger

Field Hockey evens Record

Women's Field Hockey ended its season last Tuesday with a 5-0 victory over Anna Maria. The Tech women finished with a 2-2-1 record.

for the second half, replacing Bridgett McGuinness. Meg made several nice saves while Michele Giard contributed two more goals to the Tech effort.

In the first half of the game on Tuesday, Lorraine Echer scored two goals and Michele Giard added another. In a change of play, Meg Newcomb assumed the job of goalkeeper

With only one senior, the team looks forward to a strong returning team and a fine season next year. Also, it is hoped that the Field Hockey team will find a home field, perhaps polyturf on the football field.

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...Fire Safety Center

continued from page 11

courses at the Columbus Technical Institute, and taught in the fire service program of the State Department of Education.

In June of 1975, President Gerald R. Ford appointed Lucht to the post of Deputy Administrator of the National Fire Prevention and Control Administration, following confirmation by the U.S. Senate. Lucht was the first such appointed executive of this newly created federal agency. In this position, he has played a key role in the start-up of this federal fire program and has had administrative responsibility for NFPCA programs including the National Fire Date Center, the National Academy for Fire Prevention and Control, and the National Fire Safety and Research Office, and the Public Education Office. He has made extensive public appearances, both in the U.S. and abroad, speaking on fire safety subjects.

Concurrent with Lucht's appointment as Director of the WPI Center for Fire Safety studies, he will also be joining the firm of FIREPRO Incorporated of Wellesley Hills, Massachusetts, as vice president of engineering. This combination of academic development work and engineering practice will make his con-

tribution to Worcester Polytechnic Institute particularly valuable, Dr. Cranch said.

In announcing the creation of the WPI Center for Fire Safety Studies, President Cranch noted that WPI's concern about the fire problem is not a new one. Over the years, many engineering graduates have entered fire-related careers with industrial, insurance and government organizations. Over the past six years, WPI has been developing a broader role in the fire protection community largely under the leadership of Prof. Robert W. Fitzgerald of the civil engineering department. A student chapter of the Society of Fire Protection Engineers was established on campus over two years ago and now has more than twenty undergraduate members.

Professor Fitzgerald has also worked closely with Rexford Wilson, president of FIREPRO, on student project activity and in conducting fire safety seminars. During the past four years, 22 seminars have been held throughout the country, attended by 650 professionals in the fields of code enforcement, fire fighting, architecture, plant and building management, insurance, engineering of all disciplines and government services.

The Associated General Contractors Foundation is awarding scholarships to interested freshmen, sophomores, and juniors who desire a career in construction. These scholarships will be in the amount of \$1000 per student per year and will be renewable for up to four years of undergraduate study, in civil engineering or construction.

Deadline for submitting forms is December 1, 1978. If interested, contact R.W. Lamothe, room K-107 for further details.

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UP IN SMOKE: M-F 2:00, 7:30, 10:00; Sat., Sun. 2:00, 3:55, 5:35, 7:30, 10:00; Fri.,

ROTC cadets assist in search

Army ROTC cadets from WPI recently participated in the search for 4 year old Andrew Amoto, lost in dense woods, in Webster, Mass., on September 30.

The cadets were assigned as sector squad leaders and given responsibility to search designated grids. As sector leaders, the cadets had to rely on their acquired leadership, compass and map reading skills to navigate possibly the most difficult terrain in New England.

Volunteers were confronted with swamps, thickets and generally dense woods. Despite the valiant effort of thousands of volunteers, the unfortunate child was not found. However, each searcher was left with the personal satisfaction that they had devoted the maximum human effort toward a worthy cause.

Among the ROTC cadets were Bob Gregorio, Brian Besser, Ellan Weber, Bob Desrosiers, Martin Ziobro, Steve Scally, and Vito Ventura.

WCUW looks at domestic violence

Worcester, MA - WCUW (91.3 FM) will broadcast a live discussion, "Domestic Violence," on Wednesday, October 18 at 8 p.m. "The Woman's Voice," a radio program dealing with art, music, and social issues of interest to women in the Worcester Community, is broadcast every Wednesday at 8 p.m. and rebroadcast Thursday at 10 a.m.

The F.B.I. estimates that 28 million women in the United States have been

battered at some point in their married lives. In October, new state laws will go into effect that redefine domestic violence and outline the obligations of police and courts that deal with battered women.

Special guests will include Beth Herr, executive director of Daybreak, an organization which provides various services to victims of domestic violence. A Worcester policeperson will discuss the effect of this new legislation on law enforcement.

Listeners are invited to call 793-7536 with questions or comments.

MECHANICS HALL RESTORATION FUND PHASE II

STUDENTS — EARN EXTRA MONEY!

The Mechanics Hall Phase II program needs student workers to sell raffle tickets in all major business establishments in a well-publicized promotion. You can earn \$1.00 for every six raffle tickets sold! See your student representative for further details.

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Note: Theatre program subject to change

Sept. 20 - Oct. 15

A Thousand Clowns - HERB GARDNER



"A thousand laughs", - If you like people, you'll love "A Thousand Clowns".

Jan. 10 - Feb. 4

The Unexpected Guest - by Agatha Christie

From the internationally recognized master of the modern murder story comes this thriller and puzzler.

Oct. 18 - Nov. 12

Wait Until Dark

by Frederick Knott

A masterfully constructed thriller - electrifying, breath-stopping and "a first rate shocker".

Feb. 7 - Mar. 4

THE HASTY HEART

by John Patrick

A fine, funny and fascinating play about love



Nov. 15 - Dec. 10

William Shakespeare's

The Taming of the Shrew

Here's the brilliant farce that set up the ground rules for the battle of the sexes. Sit back, relax, and enjoy!

- No Matinee Performance Thanksgiving Day -

Mar. 7 - Apr. 1

The Silver Cord - by Sidney Howard

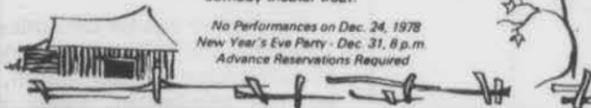
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Dec. 13 - Jan. 7

THE RAINMAKER - by N. Richard Nash

An immensely moving, profoundly funny romantic comedy theater treat.

No Performances on Dec. 24, 1978
New Year's Eve Party - Dec. 31, 8 p.m.
Advance Reservations Required



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Group Rates and Theatre Parties Available: Call Lindon Rankin, Business Office, 754-3314

THE REEL THING

WPI SOCIAL COMMITTEE '78/'79 FILM FESTIVAL

Still to Come

- November 12 THE STING
- December 3 ROCKY
- December 12 THE GOODBYE GIRL
- January 21 UPTOWN SATURDAY NIGHT
- February 4 HEROES
- February 18 COMA
- March 2&3 YOUNG FRANKENSTEIN AND BLAZING SADDLES
- March 4 HIGH ANXIETY
- April 23 SATURDAY NIGHT FEVER
- May 6 THE Gauntlet

All films in Alden Hall WPI I.D. required (admits two)

\$1.00 \$1.00/person

...Overloads

continued from page 1

slide. Thus projects which were overloaded to speed their completion end up being dragged on into still another term further taxing the faculty.

To compound the problem, many overloads aren't even legitimate. These are so called "phantom overloads."

A phantom overload is an extra course that a student enrolls in and does not attend or drops out.

This causes problems for Dean Van Alstyne and the Scheduling Office. There may be a long waiting list to register in a course where space has been given to phantom overloads. A few days later into the term, empty spaces may appear in the classroom, but it is too late for those on the waiting list.

To solve the problem, Grogan wishes to alter the present system so that students will take overloads more seriously.

Grogan proposes that normal tuition cover only 2 units of course work per semester with the exception of MS/PE courses. In order to register for more than 2 units a student would be charged at a rate of 30% of normal tuition for each overload. The 30% rate is based on the relative cost of tuition for each 1/3 unit regular course under normal circumstances.

Dean Grogan wishes to emphasize that the 30% surcharge is only a tentative proposal. Hopefully, his meeting with faculty and students in an open forum yesterday will aid him in arriving at a decision acceptable to all.

Daredevils foiled in bridge attempt

by Paul Poritzky
Newspeak staff

The Annual Newspeak Automobile Destruction Award must go to the daring members of the WPI chapter of the Rene Juliet Auto Club. Their attempts to drive cars over the footbridge between Boynton Hall and Alden Auditorium last weekend did not reach completion due to police intervention, but what they lacked in success they made up in innovation.

Using production models of the popular Ford Mustang and Plymouth Duster, the daring stunt crew entered the footbridge from the Boynton side, thus avoiding those treacherous stairs on the Alden side. One behind the other, they drove across the bridge, stopping just before the stairs. After a pause in this position, both cars

backed up and left the bridge, seemingly to prepare for their next attempt.

A circuitous route was taken to reach the starting point for their second try. This seems to be the team's undoing, because at the corner of West and Boynton Streets, in front of the tennis courts, the WPI Police intercepted the cars, ending the night's fun.

For the daredevils, it was a good try, but maybe they should stick to making Fiat commercials. That they do well.

Later on in the week, a second group of unknown persons attempted to conquer the bridge. Again attacking from the Boynton Hall side, these men drove across the bridge, down the stairs, and proceeded to drive over and around the quad. When asked why they did this their only reply was reported to be "because it was there."

Last week we reported that three Worcester youths had been caught while attempting to steal a motorcycle by Higgins Labs. This week in Worcester Juvenile Court, they were found guilty, sentenced to six months probation, and ordered to pay \$25.00 each restitution to the motorcycle's owner.

Alma Mater W.P.I.

At the Presidential Inauguration, we will be asked to join in the singing of our school song. Printed below are the words and music, in hopes that everyone will feel more confident Friday.

WILLARD HEDLUND, '10

1. Dear Worcester Tech, our Worcester Tech, our praises ring to thee, To Alma Ma-ter,
2. As years roll on, and changes bring To all things great and small, We still will thee in

good and true We pledge our loy-al - ty Long have we felt thy guiding hand, Thy
reverence hold, We'll greet thee one and all, In accents which no one may doubt, In

teachings broad and free, With praises loud in every land, We'll show our love for Thee.
terms so strong and bold The world will know thy worth to us In - creases man - y fold.

REFRAIN

Then here's to good old Worcester Tech, Come fel - lows join in our refrain Wave high the

col - ors, crimson and grey, For good old Worcester Tech

Cash for cans

AUBURN, Mass. -- The Reynolds Aluminum Recycling Company will pay consumers 17 cents a pound for their all-aluminum beverage cans and other aluminum items when the Reynolds mobile unit comes to the Auburn Mall on Tuesday, October 17, from 2 to 3 p.m.

Reynolds accepts for recycling aluminum beverage cans as well as clean household foil, frozen food trays and snack containers. Other aluminum items such as siding, gutters, storm door and window frames and lawn furniture tubing are worth 17 cents a pound if all nonaluminum parts are removed, the aluminum is cut into lengths not exceeding three feet, and it is not mixed with cans.

The most reliable way to identify an aluminum can is with a magnet placed on the side of the can. If the magnet does not stick the can is a valuable aluminum one.

To locate the nearest recycling collection point, consumers may call toll-free 1-800-243-6000. For information about Reynolds educational materials, available to school groups and civic organizations, consumers may call 617-244-0029.

Ceramics

The Craft Center at 25 Sagamore Road in Worcester is pleased to announce the opening of an exhibition of crafts in all media. NEW FACULTY/NEW WORK will feature work by new Craft Center instructors and new work by veteran faculty. The exhibition opened to the public on October 14 and will run through November 17. The Craft Center Gallery is open free of charge to all Monday - Saturday 9-5 and Sundays 2-5 p.m.

On display will be Ceramics by Rick Lamore and Charlene Weisberg, Woodworking by Bob March, Jewelry by Tim McCreight, Fiber Work by Blair Tate and Anne Forbes, Enameling by Judy Daner, Stained Glass by Ronnie Wolf, and Photography by Ron Rosenstock. For further information call the Craft Center at 753-8183.

Gerontology and Health Studies option available

Consortium much more than courses

by Ken Mandile
News-Features Editor

Most WPI students know about the opportunities available to them via the Worcester Consortium, how could they miss with all those green vans running around campus? But, do you realize that the Consortium offers much more than cross-registration with the other nine Worcester colleges? Dr. Lawrence E. Fox, Executive Director of the Worcester Consortium for Higher Education recently brought these alternative opportunities to the attention of *WPI Newspeak*.

These opportunities are found in two relatively new programs at the University of Massachusetts Medical School. The first of these programs is in the field of gerontology. Gerontology is the study of the process of aging and the problems of the aged. The program is headed by Dr. Rosalie S. Wolf of the U. Mass Medical Center. Dr. Wolf's Gerontology Planning Program is funded by the Federal Administration on Aging. Funds are available to undergraduate students interested in an internship in the field of gerontology.

Most of the funds allotted for this year will not be given out until the second semester of this school year (C-Term for WPI). These internships could possibly be worked into an MQP or IQP at WPI.

The Gerontology Planning Project offers more than internships though. Dr. Wolf has compiled a listing of courses at the ten Consortium colleges that might be of interest to persons interested in gerontology studies. These

courses range from sociology to urban studies and history to psychology. Next spring a new course will be offered. The course is called "Aging and Health" and is offered to upperclassmen. There are no prerequisites for the course, but a student will need the consent of the instructor.

Why would someone at WPI want to study aging? A brochure given to *Newspeak* explains that "Despite our technological achievements, many problems faced by older persons remain unresolved: chronic illness and disability, insufficient income, social

isolation, inadequate diet, leisure time, depression, fear, poor housing, and lack of transportation." The brochure continues, stating "Progress in these areas will depend on greater awareness of the issues, better understanding of the aging process, and more positive attitudes about growing old." As engineers and biologists many WPI students may find themselves involved in fields relating to gerontology.

Persons interested in the Gerontology Studies Option should contact Dr. Wolf, Director of the Gerontology Planning Project, at the U. Mass. Medical

School (856-3084) or at the Worcester Consortium for Higher Education (754-6829).

A second program offered through the Consortium is the Health Studies Option. This program, headed by Ms. Elaine Fallon, offers undergraduate students the opportunity to sample the health field. This program, like the gerontology program, consists of courses, internships, and information.

Ms. Fallon told *WPI Newspeak* that the Health Studies Option offers WPI students the chance to formulate IQP's and MWP's in the field of health studies. Ms. Fallon can arrange "a field experience in a health agency or research setting." Internships under this program have included work with the Worcester Public Health Department in the lead base paint poison program and research in biochemistry at the U. Mass. Medical School.

Ms. Fallon has also compiled information about courses offered at the Consortium Colleges. These courses include "Health and Disease," "Medical Economics," "Health Administration," and "Medical Sociology." Ms. Fallon can provide students with information about health careers and health programs.

Persons interested in this program should contact Ms. Fallon at Quinsigamond Community College (853-2300, ext. 259) or at the Worcester Consortium for Higher Education (754-6829). The Health Studies Option also has advisors on each Consortium college campus. At WPI the advisor is John O'Connor, Associate Professor of Economics.



-Mark Hecker

Ms. Elaine Fallon and Dr. Rosalie S. Wolf

A new conservatism?

Campus sex attitude changes

(CPS) — Popular rumor has it that the student of 1978 is tending toward "a new conservatism." While that view is contested by many of today's students it may hold true for a topic close to many a student — sex.

A nationwide survey of sex on campus, taken in 1976, found equal numbers of male and female virgins (26 percent), with sexual attitudes flavored by the women's liberation movement. However, recent spot surveys from around the country reveal a resurgence of some supposedly dated patterns: There're still more men than women sexually active, and men and women still differ drastically over the relative importance of sex and love.

One thing that has remained stable, though: the number of sexually active

students, with traditionally conservative southern universities showing no exception. In fact, southern students sometimes exceed the latest national average of 74 percent. A survey at Clemson University (South Carolina) found only 11 percent of the men remaining virgins, and a University of North Carolina-Wilmington survey turned up only eight percent of the students swearing virginity.

But the ratio of sexually active men to women consistently differed, with 10 to 40 percent more men indulging in sex. The reason may have most to do with the importance of many women of an emotional commitment prior to sex.

For example, a survey at Duke University indicated two-thirds of the women felt such a commitment neces-

sary for a "sexual encounter." But while this percentage was similar for Duke's virgin men, the non-virgin men differed radically. Two-thirds said a commitment wasn't necessary.

The same response was echoed at New Jersey's Farleigh Dickinson University, where 66 percent of the males but only 36 percent of the females surveyed said they thought it was okay for a sexual partner to be a casual acquaintance. And a poll at California State Polytechnic University showed the same sentiment. Men cited sex as the single most important factor in keeping a relationship going. Women put sex fifth on the list, below such factors as love and meeting mutual needs.

The differences in male-female attitudes cause tension in relationships,

the surveys indicate, but seems to be accepted as inevitable. "A woman always gets emotionally involved when there is sex, where a guy doesn't necessarily," explains a University of Houston man. A State University of New York-Cortland male student blames parental influence. "I believe sex has brought me closer to many girls I fooled around with," he said. "However, I also know that some girls just can't have it that way because of the job their parents did on them."

The confusion over conflicting attitudes is undoubtedly making many students defer sexual relations. Yet Allan Bell of the Institute for Sex Research predicts there won't be any big decrease in the number of sexually active students. He foresees a campus trend towards "permissiveness with affection."

EXCEPTIONAL MANAGEMENT OPPORTUNITIES

WE OFFER:

- starting salary up to \$13,500; increases to \$22,000 in 4 years
- 30 days paid vacation annually
- fully financed graduate programs
- superior family health plan
- more responsibility and leadership opportunities
- world wide travel and adventure
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CURRENT OPPORTUNITIES:

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- SHIPBOARD OPERATIONS

Ask your Placement Officer to set up an interview with a Navy representative when he visits the campus on:

November 1 and 2, 1978

or contact your Navy representative at (617)223-6216 Collect.

NAVY OFFICER PROGRAMS

575 Technology Square Cambridge, MA 02139



United Methodist Churches of the Worcester area extend a warm welcome to students.

You are cordially invited to attend Sunday services of worship.

For address of nearest church, call the Central District parsonage (617) 853-1895.

What's Happening?

Tuesday, October 17

Soccer vs. Babson, away, 3 p.m.
Holy Cross College: Speaker — Edgar Bottome "Nuclear Disarmament," sponsored by the Cross and Scroll Society, Ballroom, 8:00 p.m.
Assumption College: Film — "Cries and Whispers," 7:00 and 9:30 p.m. Maison Auditorium.
Class of '82 Class Elections, Daniels Hall, 10 a.m. - 4 p.m.
Worcester Collegiate Chorale presents "King David" Mechanics Hall, 8 p.m., no admission charge.

Wednesday, October 18

ASME Meeting, 4 p.m. Mr. Earl Madison, ASME Regional Field Representative; HL109, Refreshments served.
JV Soccer vs. Central New England, home, 3:30 p.m.
Cross Country vs. Williams/Coast Guard, away, 4 p.m.
Boogie Night in the Pub.
Assumption College: Plant Mobile — Plant Clinic, 12-2 p.m., President Lounge.
Worcester State College: Film — "Animal Crackers," 8 p.m., Auditorium, Student Center.

Thursday, October 19

Faculty Meeting, Alden Research Laboratory, 4:15 p.m.
Quinsigamond Community College: Film — "Sleuth," 7:30 p.m., Herbert Auditorium.
Holy Cross College: Speaker — Joseph Markosek "Peaceful Uses of Nuclear Energy," Cross and Scroll Society, Ballroom, 7:30 p.m.

Friday, October 20

HOMECOMING and Alumni Leadership Weekend.
Inauguration of President Cranch, Harrington Auditorium, 2:30 p.m.
Concert, "Aztec Two Step" and mime Trent Arterberry, Alden Hall, 8 p.m.
Clark University: Speaker — Alvin Toffler, author of Future Shock, Student Activities Center Downing Street, 2 p.m., \$5.00.

Saturday, October 21

Soccer vs. Nichols, away, 11 a.m.
Presidential Address to alumni, Kinnicutt Hall, noon.
Barbecue, Baseball Field, 12:30 p.m.
Football vs. Bates, home, 1:30 p.m.
Happy Hour for alumni and friends, Higgins House, 4 p.m.
Homecoming Night Club, "The Great Estate" and comedian Kelly Monteith, Harrington Auditorium, 8 p.m.

Monday, October 23

J.V. Soccer vs. Mt. Wachusett C.C., away, 3:30 p.m.
Holy Cross film: "Time Machine," 3:30 and 7 p.m. Hogan 519.

Tuesday, October 24

Last Day of Classes, Term A
Assumption College: Film — "Alex and the Gypsy," 7 and 9:30 p.m. Maison Auditorium.



We have a new President! Edmund Titus Cranch.

WPI Newspeak

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