

# Sufficiency Prizes to be Awarded

by Karen Italiano  
Newspeak Staff

The second oldest award one can receive at WPI is The Class of 1879 Sufficiency Prize. The only older award given at WPI is the Salisbury Award, which was established with the first graduating class in 1869.

The Class of 1879 Sufficiency Award was established by the Class of 1879 at a reunion in 1900 and, according to Dean Grogan, the award was originally based on an essay contest in a "broad area of interest"—thus the essay could encompass any of the Humanities fields. The award was presented annually up until the 1970's when interest dwindled with the establishment of the WPI Plan.

Last year, Dean Grogan decided to reinstate the prize, which had been unused for 10 years. That presentation was the first time since the inception of the Plan that the award was given. Today, instead of writing an essay, the applicants submit their Sufficiencies for judging. The Humanities department has established a Standing Committee, made up of three department members, which is in charge of the award process. This year's committee consists

of Prof. Laura J. Menides, Prof. John F. Zeugner and Prof. Thomas A. Shannon (chairman).

Last year three prizes were awarded, consisting of a cash prize and an inscription on the prize plaque, kept in the Humanities Department. Last year's recipients were: Julie Beberman, for her paper on feminism in Castro's Cuba; Martin Pierce, for his oral history of the Ashaway Line and Twine Company; and Jo Anne Shatkin, for her original play and commentary.

Prof. Zeugner says, the Class of 1879 Sufficiency Award can be considered comparable to the President's IQP Award. Students who feel their Sufficiency is of prize-winning caliber are strongly encouraged to submit their papers, along with a short letter of nomination, to Professor Shannon (Humanities) before the Dec. 30, 1984, deadline. This year, up to three cash prizes will again be awarded. Any Sufficiency completed in terms of C, D, E, A or B of 1984 is eligible. Presentation of the Class of 1879 Prize will be at an awards ceremony honoring the winners and their faculty advisors in April 1985.

# New Dorm to be Ready in July

by Helen Webb  
Newspeak Staff

The new residence hall being constructed across Boynton Street from the Gordon Library will be completed by the end of July and ready to house students next year, according to Patricia Lewis, Coordinator of Residence Operations. Roofing should occur this week.

The dorm will be unlike WPI's other dorms. It will have its own dining hall, complete with cathedral and a view of Boynton Street, as well as a country kitchen, a room with a kitchen area and seating for about 50 people, to be used for special occasions. The basement will contain storage space, meeting and conference rooms, a game room, a weight room, a study room, and a laundry room. Rooms in the basement will have windows, to get natural lighting. On the first floor there will be the dining hall, a front desk area to give information to visitors

and observe comings and goings, an apartment for a live-in staff person, and a TV room.

Half of the first floor and the second, third, and fourth floors will be composed of four- and six-person suites. Four-person suites will contain a living area, two single rooms, a double room, and a bath. Six-person suites will contain an additional double room. Every half floor will have an RA, who will live in a room composed of a living area, a sleeping alcove, and a bath. Every floor will have a lounge, and every suite in the new dorm will be a slightly different shape. In all, the dorm will house 229 upperclassmen.

Ms. Lewis does not know yet when the dorm will be officially named, or what it will cost to live there, but she thinks that there will be a price differential between the new dorm and the other residence halls because of the increased costs of running a new building.

## WPI Newspeak

The student newspaper of Worcester Polytechnic Institute

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## WPI's Alcohol Policy One Year Later

by Jack McLaughlin  
Newspeak Staff

(This is the second of a three part story on the alcohol policy at WPI)

Across the country, restrictions on alcohol are increasing. As drinking ages go up, society's attitudes toward drinking are altered. These changes have had a special effect on colleges due very simply to the fact that drinking ages divide college populations.

Here at WPI, the problem of alcohol control was addressed by the alcohol policy, a policy which has been steadily evolving since its adoption last year. This policy has had some significant effects on many aspects of student life.

I spoke with John Cortese, an RA on Riley third and a student hall director. According to Cortese, drinking in common areas of the dorms such as hallways and lounges is prohibited. This goes for both legal and underage students and is strictly enforced. Drinking in rooms is permitted for students of age, but as for the underage, Cortese says, "RA's don't use Gestapo tactics to track these students down. If underage drinking in rooms is flaunted, it is dealt with. Otherwise, it is left up to the student to govern his drinking." This treatment of alcohol use in dorms is far stricter than in years past.

The social Committee was forced to change its b.y.o.b. policy at mixers, concerts, and coffeehouses with the advent of the alcohol policy. For a short time, students were restricted to bringing in only one six-pack, before the now familiar wrist band and cash bar system was adopted. At the time these changes were made cries went up that the social life at WPI would be ruined and attendance at SocComm events would go down. As to the effect of the policy on attendance, at the SocComm Assistant Director of Student Affairs Glenn DeLuca says, "I would say it's affecting us, but not drastically." He indicates the Southside Johnny concert sold 900 tickets, and the Nightclubs are consistently sold out. According to DeLuca, "The issue is what do you go to a concert for or what do you go to a coffeehouse for? If the answer is to drink, you probably won't be there, and I think you'll be missing something good."

As a result of the alcohol policy, fraternity parties are now to be registered and closed to all but the invited friends of the fraternity members. However, Bernard Brown, Dean of Student Affairs, believes, "The houses have not honored in good faith closed-party privileges." Interfraternity Council President Barry Tripp concedes that there is "room for improvement," but asks, "Without fraternity parties, what social life would there be at WPI?"

The city licensing commission has refused to grant temporary liquor licenses to fraternities

unless it receives from the school a note assuring that the school would be responsible for the party. WPI has been unwilling to provide such notes. Despite this, fraternity parties continue amidst numerous complaints from neighbors. Though ultimately responsibility for these parties lies with the fraternities, there are many cases in which parties have been closed down by campus police.

WPI is not unique in its problems, however. At this time, all colleges are reviewing alcohol use on their campuses and forming new policies to keep step with society's changing attitudes.

For some time, Assumption College has had a divided campus with alcohol being permitted on the upper campus and prohibited on the lower. One must be twenty or over to live on the upper campus. Over the summer, the school pub was closed, partially due to deficits and partly due to the problems of liability.

According to students at the Massachusetts Institute of Technology, in Cambridge, authorities there are exercising stricter control over alcohol use on campus. In an interview with Lieutenant Ann Glavin of the Special Services Division of the MIT Campus Police, MIT's policy regarding alcohol was said to be in a "state of review."

Currently, MIT maintains a 1:00 a.m. curfew for parties held on campus. If the party meets specifications (outlined in MIT document available to students), registration is required. Alcohol distributed at such events is regulated using the wrist band system. Though parties are occasionally broken up due to noise, Glavin says, "we've never had a situation where things have gotten grossly out of hand," and she adds, "We have a pretty good rapport with our students." As the bulk of fraternities at MIT are located across the Charles River in Boston, fraternities play a very small role in the social life at MIT, and the school exercises very little control over them.

A task force established during the summer to study the question of alcohol on campus hopes to have new policy prepared by the end of the school year. Traditional events, such as "Tank," a team speed-drinking competition, seem targeted for elimination.

The University of Massachusetts at Amherst, long known as "Zoo Mass," seems to be farther ahead in controlling alcohol use than many other schools. Officer Mary E. Dumas with the Community Relations and Staff Development branch of the UMass Campus Police cites education, clearcut policy and consistency as the keys to implementing and enforcing an alcohol policy. She says, "A lot of education up front leads to there being little to enforce."

The UMass Police do not patrol dormito-

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## Pugwash Comes to WPI

The University of Illinois Pugwash recently held a conference on Space-Based Laser Weapons: Emory University Pugwash has sponsored a symposium entitled Computers in Society: Impact and Potential; MIT Pugwash is showing a series of popular and art films on science in society issues, and at Berkeley Pugwash recently concluded a symposium on Priorities in Biotechnology.

What is Pugwash and what is it doing at WPI?

In 1955, nuclear physicist Albert Einstein and noted philosopher and mathematician Bertrand Russell joined forces in Pugwash, Nova Scotia, to discuss the rapid advances in technology and mankind's apparent lack of similar social advance. The outcome of that discussion was the Pugwash Manifesto and the formation of an international group of science professionals and students dedicated to exploring the ethical dilemmas which arise when high technology and science confront society.

The movement known as the International Student Pugwash (ISP) will soon be organizing a chapter at WPI. According to the founder of WPI Pugwash, Kieran Suckling, the educational goals of WPI parallel those of the ISP. "I was browsing through one of their pamphlets

and it seemed as if they had taken the text straight from the WPI catalog," said Suckling. ISP is concerned that mankind is losing touch with how to deal with such rapid advancements in technology. Suckling notes that it was Einstein himself who noticed that since the splitting of the atom, the only thing that has not changed was mankind's thinking.

Although the ISP has chapters in such places as Sri Lanka, Hungary, Britain, and Switzerland to name a few, there are only a few in the United States. As pointed out by Suckling, WPI will only be the eighth campus to organize a Pugwash chapter joining Yale, Berkeley, Stamford, University of Michigan, University of Illinois, Emory University and the Cambridge Group (MIT/Harvard).

The National Pugwash Center in Washington, which is funded by grants from private corporations and the National Science Foundation, links the campuses together and provides a clearinghouse for internships which are available to Pugwash members nationwide who want to work in Public Interest Science. Every two years Pugwash organizes an International Conference funded by the NSF which typically draws four to five hundred people

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## Comp Results

Listed below are the results of the October, 1984 Competency Examination with the key items of the October, 1983 examination included for comparison:

Results, October, 1984						(One Year Ago) Results, October, 1983		
Dept.	Total Exams Given	Total Number AD	Percent AD	Total Passed AC & AD	Percent Passed AC & AD	Total Exams Given	Percent AD	Percent Passed AC & AD
BB	0	--	--	--	--	0	--	--
CM	0	--	--	--	--	0	--	--
CH	4	3	75%	4	100%	2	50%	100%
CE	0	--	--	--	--	0	--	--
CS	0	--	--	--	--	0	--	--
EE	13	2	15%	9	69%	17	24%	71%
HU	0	--	--	--	--	0	--	--
ID	0	--	--	--	--	0	--	--
MG	6	0	0%	4	67%	0	--	--
MA	0	--	--	--	--	0	--	--
ME	33	6	18%	22	67%	36	11%	61%
PH	3	1	33%	3	100%	3	0%	0%
TOTAL	59	12	20%	42	71%	58	15.5%	62%

In October of 1984, the total number of repeats was 16, of which 10 (63%) passed. In October of 1983, there were 15 repeats, of which 9 (60%) passed.



# LETTERS

## Sacrifice on the Altar of Love

(Editor's Note: the author wrote this article with the intent to comfort others with the same affliction.)

To the Editor:

I have herpes.

I have had it for at least six years, and probably more. But my recognition of that fact took place only two months ago, during A-term; it was a painful spectre to face. My acceptance of my condition is still in the process. And it still hurts.

I am not talking about my physical condition—the disease is not too bad: a painful sensation here, an itchy spot there. No big deal. What I am talking about is the way I feel about myself as a sexual being, as a single woman, as a lover, as maybe someday a lifetime partner to somebody. And also the way I feel about my past, about sex before marriage, about sex with strangers, about my Christian upbringing. My feelings of wickedness are all avalanching down on me, and I feel as if I may suffocate under all this pure, white snow. The priest in his snowy white gown tells me I deserve herpes, that damnation didn't need to wait for death in my case. And sometimes I believe him.

If only... If only I hadn't been so easily coerced, if only I had received tender, warm love from my father ("it's all his fault!"), if only I hadn't equated sex with love. If only I hadn't needed that closeness so much. If only! If only! I need someone to blame. It may as well be myself, or I could say, "Wait until I get my hands on the crumb who gave it to me, I'll tear him limb from limb for this..." Yeah, right. I know perfectly well that blaming doesn't help.

And anyway, how can I blame someone else when I've done the same thing myself. Six years ago I gave herpes to my lover—I was not aware I had it until he recognized his own symptoms. Two years ago I gave herpes to my next lover. Even though I knew I had it, I had not accepted or recognized the fact; it was as if it didn't exist. I never told him, and then he got herpes with a vengeance. After over a year and a half of treatments for chlamydia strep, you name it, we began to understand that we were only fooling ourselves. This was the real thing, what we feared the most: the disease that is for life, the disease that can't be cured. It was then that the bitterness began to creep in. "You never told me, and now I'm sentenced for life," his eyes

said whenever we spoke of it. And I began to feel dirty, mean, and very, very guilty. One day I finally asked him, "If you had known, would you have loved me anyway, and become my partner?" He said yes, but he was still angry that I hadn't given him the choice.

There is now a new lover in my life, and I am madly in love. Amongst other things he had done to endear me is this: when we began to realize that we were approaching a physical bond, I wrote him a letter warning him, signed, "the leper." And, god bless him, he was willing to accept not the risk, but the actual inevitability of contracting herpes from me. Stupid? Courageous? Naive? I don't know, but I do know this: he has given me a gift that is without measure, which cannot be praised in the hallowed halls of macho bravery. This is something infinitely more demanding, with no fanfare at all. This is a sacrifice\* made inside the relationship, and for this I thank him.

The thought occurred to me to erect an altar to love, an when he experiences the first symptoms of herpes, to have a little ceremony, with incense and candles and readings, to honor his selflessness and courage. A manhood

ceremony, if you will. For what is manhood, or adulthood, if not the maturity to weigh alternatives and make choices that will affect your own life and others? Perhaps he made the wrong choice—only the passing of years will tell. How will he feel if we part ways tomorrow, next month, ten years from now, and will it make a difference whether it's me or him that leaves?

Herpes has prompted me to go to the core of my feelings about commitment to another human being. The reason is not, as the "Moral Majority" puts it, because home and traditional (sexist) values are suddenly calling out to me, but because herpes is a lifetime issue. This disease can either lock me into a relationship or cause me to become permanently celibate because I don't want to infect anyone else, or I can present the choice to someone (as far away from the bedroom as possible) and let that person decide. I have chosen the latter, and the rewards have been great. They are the flowers of honesty.

—Name Withheld

\*sacrifice—to make sacred.

## OFFICE HOURS

Monday	8-9, 11-12, 2-4
Tuesday	11-12, 3-4
Wednesday	9-12
Thursday	3-4
Friday	8-10, 2-5

### Letters Policy

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

The editors reserve the right to edit letters for correct punctuation and spelling. Letters to the editor are due by noon on the Saturday preceding publication. Send them to WPI box 2700 or bring them to the Newspeak Office, Riley 01.

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

## COMMENTARY

### Out of Turn:

## Unhappy Days for Happy Hours

by David F. Wall  
Newspeak Staff

Hello again. Welcome back from Thanksgiving. Hope it all went smoothly for you and yours, and that you aren't having too much trouble convincing yourself that it was worth coming back to Worcester.

In those days when I was home in wonderful downtown Rhode Island, I saw on the news that Governor Dukakis has decided to give Bay State residents an early Christmas present by outlawing Happy Hours, reduced price specials, etcetera, etcetera, as of the date I write this, December 1.

Hmmmmmm. Does that mean the end of the Tuesday and Friday tradition here at WPI?

I thought so. I mean, after all, I'm fairly sure I didn't dream this up. I saw reactions from people on the Channel 4 news. Most of them didn't seem particularly keen on the idea. However, the people of Massachusetts elected him. In return, we get to blame him for everything that goes wrong that we can't blame on President Reagan.

However, upon my return I noted that the whole business seemed to have gone unnoticed. I expected the posters about Friday's extravaganza with the WAAF Bar and Grille to be subtitled 'The Last Happy Hour.' Not a word seems to have been said or written about it, however. Very strange. There may be loopholes in the new legislation that I am unaware of. Since the Pub has only a beer and wine liquor license, it may be exempt. Or perhaps the price differential between Happy Hour and the rest of the week is not large enough for the state to care.

It isn't that I'm particularly attached to Happy Hour. Personally, I can take it or leave it alone, as it suits me. It'll be too damn bad if it's the end of Happy Hour, though its demise is not what really galls me about this whole business.

The logic behind the decision of the lawmakers is obvious—it's the latest sortie against drunken driving. A noble sentiment, as I've mentioned in this forum before. To a lot of people, drunken driving is a lot like taking your car keys and sticking them in a wall outlet.

Maybe it won't kill you, but it's a pretty stupid idea.

Are we taking the right approach, however? I'm not convinced that taking away Happy Hours is going to put as much of a dent in the problem as tougher drunk driving laws. One presumes the idea here is to reduce the number of drunken drivers by removing a little of their opportunity to hit the sauce before hitting the road. Well, it's probably smarter than Prohibition, but that isn't saying too much.

I can't believe that making sure the price of a drink stays the same throughout the business day is really going to stop people who are irresponsible enough to drink and then drive. Stupidity is mightier than economics, as any history book will tell you.

This is a very touchy issue, you understand, and I can understand the governor's position. Which surprises even me, because Mike Dukakis and I are not what anyone would call twin souls on a lot of issues. But absolutely everyone is screaming for some answers to this problem. Of course, every solution that gets tried has some opponents somewhere. I'm in favor of the police roadblocks, for example, but I know a lot of people who think they're an invasion of privacy. Others think we ought to let the fools drink all they like and deny them access to the public thoroughfares by taking away their licenses, but that has a lot of implications and would probably cause a lot more problems than it solves.

This is all kind of ironic, since this publication just started a series on the alcohol policy that was supposed to eliminate the Police log notices about parties, etcetera. I don't know how good the school's sense of what is happening is, but I don't think it has helped as much as they hoped. I'll be interested in seeing the results of the series. After all, I'm a student, not an oracle.

So, there's the big complaint for this week. Not that it hasn't been full of other news, you understand. But I didn't really want to remind you that Ronald Reagan's probably going to keep Walter Mondale's campaign promises, or any of that other stuff. We have enough problems.

## Newspeak

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## Attention Newspeak Staff

Nomination Forms Due Today in the  
Newspeak Office (or box 2700)

Voting will be Friday, December 7th, from  
11 a.m. - 1 p.m. and 4 p.m. - 5 p.m. in Newspeak  
Office, Riley 01.

All current staff members eligible to vote.



## Project Report

# C.S. Project Blazing New Trails in Physiology

by Dan Laprade  
Newspeak Staff

There may not be obvious connections between a computer science major here at WPI and the medical personnel over at the UMass Medical Center. But for professor James Coggins and his two MQP students, Beth Phalen and Sue Abramson, their computer science background has plunged them into an exciting new realm of physiology.

The project was sparked by professor Coggins who has done work at the UMass Medical Center here in Worcester. He was aware of research being done by Dr. Fred Day, who has been investigating details about smooth muscle cells. Dr. Fay was running into complications which arose in computer modeling techniques. That is when Ms. Phalen and Ms. Abramson stepped into the picture and took on the challenge as their MQP topic.

The two ladies describe the complication that Dr. Fay had been running into as one of being able to three-dimensionally visualize what these smooth muscle cells look like—in particular, the orientation of the cells' protein bodies, which are believed to affect their contraction. Research in this area is commonly done by using microscopic photography and working with these pictures. However, such methods still leave one with a two-dimensional expres-

sion of what, in reality, is a three-dimensional system. The advancing effort has been to use the photograph information and somehow create a three-dimensional view. "It's similar to be CAD/CAM system," explains Beth Phalen. "For years people worked with blueprints which did not always do an adequate job of representing the third dimension. Then the CAD system came along and you could turn the picture around on the screen, you could lift it up, spin it...it made visualization so much easier. Well, that's what we're doing to these cells. We want to put them on the computer screen and be able to travel through them, and turn and look from whatever angle we want."

Information from the photographs of the different orientations of the protein bodies is used to develop a data base to create the cell image on a graphics screen. The graphics screen is similar to a regular computer terminal. The advantage of the Lexidata terminal screen they are using is that it offers over 4000 shades of colors to aid in visualization.

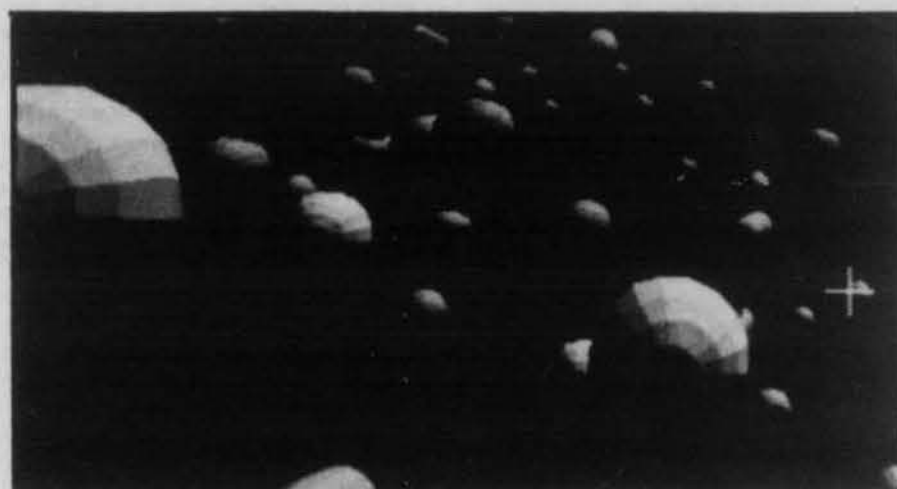
The specific area that Ms. Phalen and Ms. Abramson are concentrating on is allowing the user to be mobile within the cell. By moving a joystick (similar to those on video games) the user can move himself through the cell. "As Professor Coggins likes to describe it," says Sue Abramson, "it allows you to become micro-

scopic and fly through the cell and stop and look up or down, or right or left, or whatever." Being able to 'fly' through the cell allows Dr. Fay and his colleagues to establish the arrangement of the protein bodies. Further, the bodies that are strung together can be shaded one color to allow for clearer visualization.

Every Wednesday the two partners and

advisor Coggins head over to the Medical Center to use the graphics system. The ladies admit that at first the whole scheme seemed a bit much. Beth Phalen recalls the A-term anxieties: "When Sue and I first got into this work not only were we a little apprehensive about the physiology background we might be expected

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This is a computer graphics representation of protein bodies within a muscle cell. Seniors Beth Phalen and Sue Abramson

continue their project work in an effort to perfect the simulation to aid researchers at the UMass Medical Center.

## Social Committee Chairperson Candidates Election: Thursday, 10-4 Wedge

**Q:** What other activities have you been involved with? What have you contributed to SocComm?

**J.G.** I've been involved in Student Alumni Society, Alpha Gamma Delta Sorority, and I am an orientation leader as well as wrestling and baseball managers, and I am currently Junior Prom Chairperson. I have been the Publicity Chairperson for SocComm for the past year and a half which has involved the making and posting of posters for Coffeehouse, Pub,

have been actively contributing to SocComm. I write up weekly event calendars, and I was appointed WPI's tour coordinator for the National Association of Campus Activities Conference in November.

**Q:** How will you deal with the new drinking age at events if you are elected?

**J.G.** I hope to try to make the events now being held more attractive to people and steer the emphasis away from alcohol as the only

generate interest by meeting regularly with fraternities and independents, to get a feel for the types of non-alcoholic functions that would bring people together.

**Q:** What do you hope to contribute to WPI social life (any new events)?

**J.G.** One of the events I would like to see beefed up more is Winter Weekend. Starting up competitions in areas such as ice sculpting, ice hockey games and other events between classes, clubs, fraternities, sororities, etc. To make this weekend more like a winter carnival

quite well last year. There are many good student formed acts, such as "White Mountain" (a band made up of WPI students), and I would try to encourage these acts to perform.

**Q:** What made you decide to run?

**J.G.** I decided to run for the chairperson because I felt I could do a good job. The job entails a lot of time and dedication which I'm willing to put forth. It will be a very worthwhile and educational experience.

**E.B.** I decided to run for Social Committee Chairperson because I feel there is a strong



Jodi Greisemer.

Photo by: Tom Arsenault

and other major events (Homecoming, Winter Weekend).

**E.B.** I've been manager of the wrestling team for three years. I am vice-president of the Management Society which places me in charge of the Salisbury Coffee Lounge. I am actively involved as vice-president of the American Institute of Industrial Engineers, and I help teach noontime aerobics.

Since the beginning of my freshman year I

means of having a good time. The consequences of the new drinking age here on campus are not up to myself only, but I do hope the change will not have an extremely detrimental effect.

**E.B.** The new drinking age will be one of the most difficult problems to address. Obviously there is no replacement for alcohol, however social activities must be reorganized and interest regenerated in non-alcoholic functions. I would seek to find solutions and attempt to



Elisabeth Bendaniel.

Photo by: Tom Arsenault

weekend. I'd also like to make the Pub entertainment on Saturday nights of a little more variety, possibly a comedy night, D.J.'s etc....

**E.B.** I would like to see more comedy acts come to WPI. I would also like to organize more student participation oriented events such as "The Dating Game," which went over

need for more student involvement in WPI's social scene. The fraternities play a major role in this campus' social life, and I would have them be more involved in planning SocComm's events. SocComm has many resources, and I would like to have more people involved in utilizing them.



## Psychspeak:

### ...Some Thoughts from the Student Counseling Center...

## Dealing with Depression

Stress, loneliness and now depression. Oh boy, when are these people going to lighten up? Soon (watch for our April Fools' article entitled "Digital Dementia"), but not yet. Depression is a mood disturbance that affects almost everyone at some point in their lives. The feelings of sadness, disappointment, lack of hope, loneliness that are associated with depression can lead to a withdrawal from people and activities, decreased motivation and concentration, poor academic performance, loss of pleasure and enjoyment, and physical problems.

Early psychoanalytical theories attempted to explain depression as the result of internal, intrapersonal reactions to external factors. Interpersonal factors—how people deal with their environment and other people—have also been implicated as the root of the problem. In addition, one or more of the following may be involved in causing people to experience depression: personality type, irrational thinking patterns, biochemical shortages or imbalances, genetic disposition or tendency. The jury is still out on determining the guilty parties, for while depression is one of the most widely experienced phenomena it is also one of the least understood.

I would like to share with you an easy-to-grasp model that counselors have used to help people understand the feelings they often label as depression. This model connects with many people, but some require more intensive help such as medication or psychotherapy. As with many counseling ideas, this approach is based upon counseling experience and observation and not strictly upon scientific experimentation. It is still developing and we welcome your comments and suggestions.

This model for helping people to understand and deal with depression is based upon the concept of the grief cycle that people such as Kubler-Ross have developed to help people manage their feelings concerning death. For many people, the progression of feelings labeled depression (or "feeling blue," "down-in-the-dumps") closely follows the cycle of feelings associated with grief and is stimulated by loss.

People, as we see them, are forward-moving entities striving to meet expectations, goals, desires and satisfy needs. Depression is one of the

feelings experienced when our striving is blocked or when our needs are lost. When the basic human needs for safety and survival, love and acceptance, and/or self-esteem and significance are lost (or perceived to be or threatened to be lost), a chain reaction of emotions and behaviors is activated in the lives of many people. This chain or cycle proceeds in the following way: need → loss of needs → shock → denial → anxiety → DEPRESSION → guilt → anger → RESOLUTION → hope.

Depression, then, is but one emotional response that develops from one's inability to resolve the many personal conflicts stemming from the loss of one's needs. When regular coping and problem-solving mechanisms—due to the shock of the loss, one's denial of its importance (often an effective defense technique) and the heightened state of stress and anxiety—don't work, the person often sinks into the pit of despair. This is not an altogether unnatural reaction. In fact, many—if not most—people react similarly in such situations. Recognition of this, coupled with the ability to deal with one's anger over the loss and feelings of guilt for being unable to cope, leads many people to a renewed sense of hope and eventual resolution of the negative feelings scheduled with the triggering loss.

To summarize, your feelings of being down-in-the-dumps may be the result of your break-up with your girlfriend, graduation from school, failure on the comp, retirement, divorce or other such loss. This loss may just be perceived (you may think your girlfriend is fooling around and may leave you), threatened (if you don't clean up your act she will leave you) or real (she splits). Depression is one of several feelings that may be linked to this loss. It may be the hardest to cope with, however, due to your lack of energy, heightened anxiety and depletion of personal resources.

Resolution of depression can often be accomplished by understanding this modification of the grief cycle, uncovering the loss, acknowledging your feelings and accepting them, and by realizing that there is hope. One can then reestablish one's needs and continue on the rocky road of life.

## POLICE LOG

### Friday, Nov. 16

11:45 p.m. — A complaint was received about loud noises and music coming from the Fuller apartments. Officers investigated.

### Saturday, Nov. 17

1:14 a.m. — An officer reported speaking with a resident from a fraternity regarding noise coming from the house and also from people leaving the party. Students were very cooperative in dealing with the problem.

1:25 a.m. — A resident advisor called regarding a student passed out in the first floor area of the resident hall.

9:26 p.m. — An officer requested that the Worcester Police be notified regarding a possible suspect involved in an armed robbery of a Honey Farms store. Suspect was spotted on Salisbury Street near Institute Park heading toward Park Ave. WPD was notified.

### Sunday, Nov. 18

2:15 a.m. — Officer reported five or six subjects spraying a substance on cars along Institute Road near West St. Subjects were stopped. They had been spraying mustard. One subject was identified as a WPI student. All were given a bucket of water and soap, and the subjects washed the cars.

5:13 p.m. — A student reported his jacket stolen from a fraternity house on Friday night.

### Monday, Nov. 19

5:59 p.m. — Officer reported going to Daniel Hall regarding three students who were seen tampering with mailboxes, attempting to get mail from other boxes. Subjects were warned.

### Tuesday, Nov. 20

10:35 p.m. — Officer reported he had stopped a subject and issued a speeding ticket and a warning regarding driving under the influence. Subject was stopped in front of the Wedge area.

### Saturday, Nov. 24

1:40 a.m. — Officers reported being enroute to the WPD with one subject placed under arrest outside the Ellsworth apartments. Officers also noted a party in progress with kegs. Students were referred to the Office of Residential Life regarding the party. Subject arrested was charged with assault and battery on a police officer, disorderly conduct, trespassing, being a minor in possession of alcohol, and disturbing the peace.

4:20 a.m. — Officer reported observing several individuals near Freeman Plaza. Subjects had pulled up a few plants around the plaza. Two subjects were apprehended at Skull Tomb. Subjects were brought to the station, parents called, and the subjects warned of trespassing.

### Sunday, Nov. 25

4:10 a.m. — Officer reported stopping a vehicle between Boynton and Dean Streets. Officer had seen subjects light fireworks in the library lot and then speed off. Officer also observed that subjects had been drinking. Subjects were advised, a taxi was called and the car was left overnight.

### Tuesday, Nov. 27

1:25 p.m. — A night student reported his vehicle stolen from Salisbury Street in front of Atwater Kent near the tennis courts. WPD was notified.

11:45 p.m. — Officer reported a false fire alarm had been pulled on the first floor of the south entrance to Morgan Hall.

### Wednesday, Nov. 28

1:00 p.m. — A food service worker called stating a student had just been seen throwing an object through a dining hall window, breaking the window. Officers searched for and located student. Student admitted breaking the window and was referred to the Office of Residential Life.

## OVERSEAS EMPLOYMENT

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(2). Firms and organizations employing all types of personnel in Australia,

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(4). Firms and organizations engaged in foreign construction projects, manufacturing, mining, oil refining, engineering, sales, services, teaching, etc., etc.

(5). How and where to apply for overseas Government jobs.

(6). Information about summer jobs.

(7). You will receive our **Employment Opportunity Digest**...jam-packed with information about current job opportunities. Special sections features news of overseas construction projects, executive positions and teaching opportunities.

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CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

International Employment Directory 1984



# ARTS AND ENTERTAINMENT

## TNT to Play at Pub

by Jack McLaughlin  
Newspeak Staff

This Saturday's pub show will feature an extremely local band called TNT. All the members attend college in Worcester, including one, Darius Grala, who is an EE in the class of '86 here at WPI.

As reported last year in the April tenth issue of this paper, TNT formed at St. Mary's High School in Worcester. After graduation, the group stayed together and began seeking jobs

Darius "Dag" Grala, however, is the heart of the group. As chief vocalist and guitarist, he leads the group through their mix of older and contemporary rock featuring artists such as Elvis Presley, The Who, Van Halen and Golden Earring. The members have also collaborated to produce several originals.

Future plans for TNT include the recording of one original ("She's My Baby") and plans to produce a high quality video featuring that song for submission to the MTV Basement



TNT (left to right) George Cancelmo, Darius Grala, Dave Mollica, and Chris Burzenski.

at colleges and clubs. Since then, TNT has played at clubs such as the Fuzzy Grape and Sir Morgan's Cove and schools such as Anna Maria and Quinsigamond.

Though the members are excited about the progress the band has made, they intend to finish school before making any big plans. Dave Mollica, the group's bassist and keyboardist, goes to Quinsigamond Community College. The drummer, George Cancelmo and Chris Burzenski (guitar) attend Worcester State.

Tapes contest. The group already has five videos for distribution to clubs and schools wishing to book them.

Saturday night's show at the Goatshead Pub is one long sought after by Grala, and the group is expecting booking agents from area clubs to be there which will lead to future bookings. Making it in the world of music may not be easy, but TNT is one group which is slowly making a name for itself.

## White Mountain: A Lofty Coffeehouse in the Wedge

by Jack Spadaro  
Newspeak Staff

The Wedge Coffeehouse was revitalized, if only for one night, on Thursday, November 29. Perhaps it was the immense popularity of White Mountain, a band composed of WPI students, or maybe a fraternity or two was just looking for a night out, but the band played to a standing-room-only crowd that demanded and received two hours of solid musical entertainment.

The concept of standing-room-only, present before the arrival of the band, was startling. I can't remember a crowd this large at any Coffeehouse over the last year. And boy, the atmosphere was great!! Quite reminiscent of the Coffeehouse in the old (pre-B-83, i.e. pre-alcohol policy) days.

As for the music, the selection consisted of solid, mainstream folk rock, and R&R tunes with fair-to-good singing and adequate guitar playing. After a screeching start, with the sound crew band members fumbling for the correct sound balance and fullness, for about 15 minutes, the band played two sets, 35 songs split between them. From Simon & Garfunkle to the Beatles to Pink Floyd, White Mountain kept the crowd crying for more. Some selection

were surprising, such as "Rocky Raccoon" (the Beatles), "Panama Red (New Riders of the Purple Sage), "U.S. Blues" (the Grateful Dead), and "Wish You Were Here" (Pink Floyd). The guitar work on the last two selections was worthy of merit. Especially notable was the harmonica work on "Dust in The Wind" (Kansas), the singing on "Take It Easy" (the Eagles), the excitement on R&B standards "A Little Love" and "Jailhouse Rock," and the satirical bent of Phil Cyr's "Tech Girls Don't" and the bawdy sequel, which had to do with the mangling of certain body parts. The crowd was certainly enthralled with the latter two selections.

White Mountain consists of: Dave Miles—guitar, harmonica, limited vocals; Phil Cyr—vocals, guitar, a little John Vuby-like compositions; Rock Farland—lead vocals; Scott Farland—lead vocals; Todd Farland—special guest, younger brother, backup vocals. The night was a good representation of both the talent and the ability to have a good time that WPI students have. Perhaps student groups will continue to come forward now and the Wedge Coffeehouse may once again become a weekly success.

## The Basileus Quartet: Cinematech Preview

by Gary Denton

This Italian film by noted director Fabio Carpi has been cited as "one of the most sophisticated movies about musicians ever made." Starring Hector Alterio, Michael Vitold, Omero Antonutti and Francois Simon, it is the story of the upheaval which takes place when an excel-

lent musician is drawn into an established quartet upon the death of its first violinist.

*The Basileus Quartet* is the final cinematech event for B-term, a last chance to grab a little culture before the end-of-the-term crunch. It will be shown tonight at 7:30 in Alden Hall.

## Piano Recital

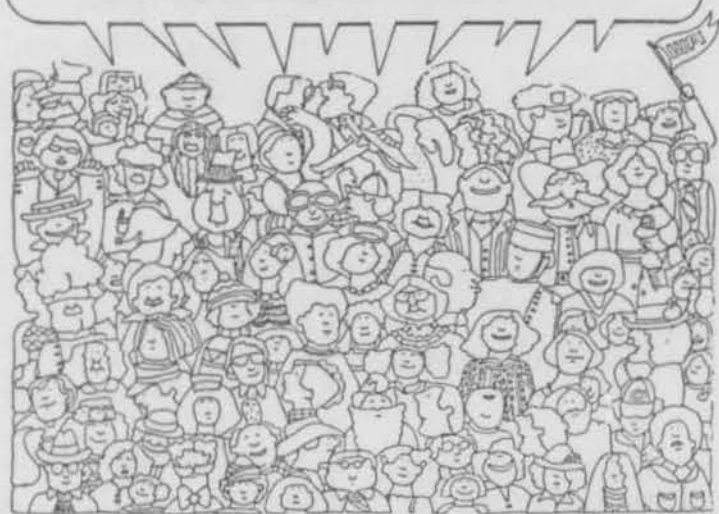
By Robert Edelman

Monday, December 10, at 7:00 p.m. at Higgins House

Program: Prelude and fugue XII in F minor — Bach  
Sonata in D Major — Haydn  
Nocturne in B major — Chopin  
Toccata — Khatchaturian

This is a Sufficiency Piano Recital. Edelman is a student of Jacques Linder of Clark.

## INTERSESSION • 85



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# SPORTS

## WPI 8 BU 6 In Battle of Army ROTC Champions

by Major Brian Sullivan  
WPI AROTC

Boston University Army ROTC had the reputation. They were winners of last year's Lambert trophy and repeated this year as the BU inter-service champions over the Navy and Air Force.

WPI Army ROTC also had a reputation. Big, tough and physical, the tech cadets were undefeated over the past three years, and had themselves reigned as the inter-service champions in Worcester since 1982.

BU coach Maj. George Rollins issued the challenge early this fall. The WPI Army ROTC football entry picked up the quantlet and after several postponements, due to BU's scheduling conflicts, traveled to Boston for a Thanksgiving seasonal showdown.

Bitter cold and biting wind faced both teams as they squared off under the lights, on astroturf which seemed more like cement due to the temperature. Things heated up quickly though, as both teams demonstrated the hard-hitting, physical style of champions.

BU struck first. WPI QB Brian Smith suffered several interceptions throwing into the stiff wind, one of which set the BU cadets up deep in the WPI territory. A veer-out pattern caught safety John Bouchard and BU turned a short five-yard pass into a 6-0 lead. The extra-point attempt was no good and, although it seemed unimportant at the time, would prove to be the margin of difference for WPI.

The first half ended rather quickly with the WPI cadets having the edge in field position but being unable to capitalize. The defense, with

linebackers Piskator and Amico and cornerbacks Coakley and Dan Richards, was superb. With safeties John Bouchard and Bill Millette stifling any attempts to go long and John Piskator intimidating the BU center, WPI was successful in shutting down the BU attack. Piskator forced several errant snaps. Amico applied brutal inside pressure, while defensive ends Jim Ball and Scott Powers crashed down on the BU QB, forcing him out of the pocket and into making several poor throws.

In the second half, with the wind at his back, WPI QB Brian Smith got right on target. An early 50-yard strike to speedster Dan Richards put the ball on the BU 5. Two plays later Bill Millette made a leaping catch at the back of the end zone to tie the game 6-6.

The crucial play proved to be the extra point attempt. With QB Smith under heavy pressure, big Bob Amico split two defenders at the goal line and made a difficult catch, crashing over the stripe for the two-point conversion. WPI led 8-6, a lead which their strong, hard-hitting defensive style made stick. The WPI cadets got the better of the BU entry in the second half, both in field position and simply in muscle. Their aggressiveness began to wear down their opponents and, as the game came to a close, it was obvious that the bigger, stronger team had won. WPI Army ROTC had accepted the challenge and in the words of Bill Murray in *Ghostbusters*, could say, "We came, we saw, we kicked..."

Coach Sullivan wants to thank CPT Allen for his help with transportation and during the game.

## WPI Hockey Wins 2nd Game of Season

Wednesday night the WPI ice hockey team defeated Wentworth in an exciting game at Westboro. Wentworth scored the first point of the game, but did not enjoy a 1-0 lead for long. Jimmy Richards tied the score with a beautiful shot assisted by Todd Guay and Jim Handanyan. WPI then took their first lead of the game with a short-handed goal by sophomore Dave Latulippe. Wentworth scored the next goal and the first period ended in a 2-2 tie.

Wentworth opened the second period with another goal. But the Engineers came back when Mike Gonsor scored a powerplay goal to tie the game for the third time. The two teams played the majority of the second period short-handed, but the scoring was not yet over.

Wentworth took the lead again with 5:30 left in the period. Ten seconds later WPI came back when Mike Duquette scored on a beautiful play set up by Dave Latulippe.

The third period was the most physical of all the periods with good checking by both teams. Rob Day, goalie for the Engineers, had his best period of the night and kept Wentworth from scoring. The hard work and excellent play by the line of Richards, Handanyan and Guay finally paid off when Richards scored his second goal of the night with 49 seconds left in the game to give the Engineers a 5-4 win.

The Engineers play Wednesday night in Rhode Island.

## WPI Captures Regis Sports Festival Basketball Tournament; Cindy Perkins Named MVP

Worcester Polytechnic Institute's women's basketball team tipped off the 1984-85 season in style by winning the Regis College Sports Festival Basketball Tournament last weekend (Nov. 16-17). The Engineers, behind Most Valuable Player Cindy Perkins (So., Nashua, N.H.) game-high 29 points, defeated Regis 65-44 in the opening-round contest and later upended Wellesley in the championship game, 63-58.

"Winning this tournament was a great way to start the season," WPI head coach Sue Chapman said. "I felt the girls played as well as possible, this being such an early season game. I was pleased with our passing and the fact that we received balanced scoring throughout our starting lineup, plus the productive play of the reserves exposed the quality of depth we possess this season."

WPI, 2-0, opened the season with a convincing victory over host Regis as Perkins, Carolyn McCabe (So., Lexington, Mass.) and Kim Fay (Jr., Nashua, N.H.) combined for 37 of WPI's 39 first-half points and the Engineers owned a commanding 21-point lead at the half. Perkins garnered game-high scoring honors with 29 points, while Fay added 16 and McCabe 12.

In the championship game against Wellesley, WPI again led at the half, 29-26, and increased the margin in the second half behind the outside shooting of Fay, Mara Catlin (Jr., Shelton, Conn.) and Cathy Murray (Jr., Berkley Heights, N.J.). Fay led WPI with 19 points, followed by Murray's 14 and Catlin's 10.

## Classifieds

Professional typing, word processing. Resumes prepared — fast, accurate and reliable service. Special student discount rates. Master Charge, Visa gladly accepted. Call Administrative Business Services in the aft. 752-1374.

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Electronic surplus for sale, scopes, components. TEKTRONIX 503 \$100, CA plug-in \$60. 12 volt power supply kit 3A. \$10. Diodes, computer caps, ferrites, P.C. mat'l. Dave 378-3619.

Is he dead yet?

Hey A-Team: Remember strawberry daiquiris, Abbey Road, oldies at The Company, Lord Jim, drinking pursuit and elephant slime? Time sure flies. Hope everybody's B-Term is cruising right along.

Class 1987: Did you attend your class meeting? Was there a class meeting? Do you care?

Santa Claus is coming to WPI. Wednesday, December 12, get your picture taken with ole St. Nick from 3-7. The proceeds go to the Class of '87.

No, he's not dead yet.

Happy Birthday Erik — Big Sis

### JOB OPPORTUNITIES FOR WINTER BREAK

Help build support for MASSPIRG's legislative priorities. Focus will be on toxic waste, acid rain and consumer-related issues. Earn from \$150-250/wk. working 2 p.m.-10 p.m. Mon.-Fri. For an interview call Rob at 793-7168 between 10 a.m. and 2 p.m.

### Class of 1879 Prize

This competition recognizes outstanding work in the Humanities by awarding certificates of recognition and a cash award.

Students who wish to enter the competition should submit copies of their Sufficiency Project to Professor Shannon by December 31, 1984.

### GRADUATE ASSISTANTSHIP AVAILABLE, 1985-86

A graduate assistantship position is available in WPI's Division of Disciplinary Affairs. Holder may pursue graduate study in any of WPI's graduate programs. Assistantship responsibilities include: interdisciplinary research, IQP topic and area development of IQP oral

project report opportunities, and assistance to students in the project search and selection process. Applicants should have, or be a candidate for, a B.S. from WPI. See Prof. Demetry, Project Center, if interested.

# Terrific Tuesday



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### Junior Class Meeting

Tues. Dec. 11, 1984  
7:00 PM Newell Hall (AK 116)

### "Juniors and Summer Jobs"

Keynote Speaker:

**Frank Consoli**  
(Procter & Gamble)



## B-Term Conference on Society-Technology Interactions

On Wednesday, December 5, the B-term Conference on Society-Technology Interactions will be held in Salisbury Labs, Room 105, from 1:00 - 2:45 p.m. At that time, students will talk about IQP activity in which they are involved. All are welcome to attend. Refreshments will be served and a raffle will be held for a \$15.00 gift certificate from the WPI bookstore.

### Salisbury 105

1:00 Welcome

1:05-1:25 p.m.

Bradley M. Taber

Paul G. Zaloom

Advisor: G.F. Salazar

APPLE PASCAL

The project is to study USDC Apple Pascal software and make an interactive tutorial disk and mini manual to aid users through the difficult operating system and poor documentation.

1:25-1:45 p.m.

Andy Cheng

Kerry Lynne

Advisor: K.A. Lemone

MINDSTORMS 3

A discussion and demonstration of LOGO, a computer language for a new philosophy of education.

1:45-2:05 p.m.

Cheryl Lucier

Jim Connell

Advisor: J.S. Demetry

SUPER INSULATION: AN ECONOMIC ANALYSIS

This project studies the economics of insulating a newly built home to see at what point

insulation becomes counter-productive, i.e. not cost effective.

2:02-2:25 p.m.

James Calka

Advisor: F.L. Hart

WPI/NOAA JOINT PROJECT  
CORPORATION IN UNDERSEA  
RESEARCH

Project objective is to initiate, develop and promote future off-campus IQP opportunities in undersea research with the National Oceanographic and Atmospheric Administration.

2:25-2:45 p.m.

Timothy C. Burn

Mark A. Ericson

William F. Michaud

Advisor: J.T. O'Connor

CORONARY ARTERY DISEASE  
TREATMENT IN CENTRAL  
MASSACHUSETTS

Three treatments of coronary artery disease: bypass grafting, angioplasty and streptokinase infusion in Central Massachusetts were studied using the health systems matrix.

2:45-3:05 p.m.

Jeffrey Breed

Kenneth Ward

William Astore

Advisor: J.E. Watters

THE POLITICAL, ECONOMIC, SOCIAL  
AND MILITARY EFFECTS OF THE  
DEFENSE BUILDUP

An in-depth study of the effects of the defense buildup under the Reagan Administration on our relations with the Soviet Union.

## Presidential Search Committee Members

The newly formed Presidential Search Committee consists of the following members of the College Community: Scott Brazina '86 (Student Academic Committee), J. Richard Bullock (Wyman-Gordon), Paul Davis (MA), Irving James Donahue, Jr. '44 (Donahue Industries), Patricia Graham Flaherty '75 (Heald Machine), William R. Grogan (Undergraduate Studies),

Allen Hoffman (ME), Robert F. Reeves (Student Affairs), Robert J. Whipple (Fletcher, Tilton & Whipple), and Leonard H. White '41 (R.H. White Construction).

Comments and suggestions are encouraged, and should be directed to Scott Brazina '86 (Student Academic Committee) at 757-9861 or send to Box #2536.

## C.S. Department Offers Mock Comp

The Computer Science Mock Comp will be held today at 4:00 p.m. in AK116. Professor Alpert and Professor Hardell will give short talks about the comp to be followed by a mock comp conducted by Professors Kinicki, Lemone, Selkow, and Coggins. All senior CS

majors are encouraged to make an extra effort to attend this informative presentation. Refreshments will be served at 3:45 p.m. The mock comp is sponsored by Upsilon Phi Epsilon.

## Tech Brother/Sister Program Plans Activities

by Michele Colwell

Before Thanksgiving break, the Tech Brother/Sister program sponsored its first group activity of the year at Becker Junior College. On November 14, WPI and Becker students gathered in the Shanty at Becker to watch a movie with their little brothers and sisters from the Elm Park Community Elementary School. The movie, "A Disney Festival," consisted of various short films starring Disney favorites like Donald Duck, Goofy, and Chip and Dale. During the movie, popcorn and soda

were provided by Mike Cazares, Dave Egan, and Traci Webster.

Before the movie and during a break between films, the little brothers and sisters had fun talking and playing games together. Altogether, this activity was an enjoyable experience for everyone involved. Due to the success of this function, other group activities, including a Christmas party, will be planned this year for everyone involved in the Tech Brother/Sister program.

## .... Alcohol Policy

(continued from page 1)

ries, and enforcement of school policy is left up to RA's. The policy there is quite similar to that of WPI. At large events alcohol is rarely served due to the high risk of institutional liability. In the same spirit, an annual occurrence called "Slosh-o-rama" was recently eliminated.

The numerous fraternities at UMass are similar to those at WPI in that they are nearby and located in residential areas. When fraternity parties get out of hand, the policy is to warn the fraternity once, and then to close the party down. According to Dumas, entire houses have been arrested in the past, and fraternities exist at UMass which have been disavowed by the school and have lost their charters with

their national organization.

And at nearby Amherst College fraternities were eliminated because they were not seen as being productive groups.

It is clear that at every school, changing attitudes are met with changing policy, though policies vary to suit the particular schools. UMass and MIT are large schools while WPI is a small school. Assumption College is a Catholic school. The fraternities at MIT aren't the providers of entertainment that they are at WPI. These differences in the schools are reflected in their policy.

Next week, I will examine further the issue of alcohol's impact on campus and individuals.

## GREEK CORNER

### Alpha Gamma Delta

Congratulations to the pledge class officers: President—Carolyn McCabe, Vice-President—Sue Testa, Ritual—Rita Patel, Secretary—Diane Brissette, and Activities—Kelly Siggins. We're looking forward to the annual AGD Christmas Party on Friday night!

### Sigma Pi

Sigma Pi would like to congratulate the following freshmen on turning in their bids: Eric Arn, Tom Blair, Tom Bogaczyk, Dave Brow-

nell, Duane Defabio, Todd Delisle, Kevin Foster, Bill Gardner, Greg Hallee, Mark Hansen, Dave Jannetti, Karl Lebkuchner, Chris Lancot, Peter Lozis, Tom Moynihan, Steve Nero, Mike Palmer, Mike Rotelli, Nick Soter, Joe Tracy, and Bob VonHein.

The Brothers would like to congratulate the pledges on getting caught on both of their raids. We guess you maggots will never get to drink a keg. Get a clue, would you? And, by the way, "Is it any wonder?"

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### GEORGE C. GORDON LIBRARY

**Exhibit:** Bach - Handel - Schutz: An exhibition commemorating the 300th anniversary of the births of Bach and Handel and the 400th of Schutz. This exhibit of 50 posters, documenting the lives and works of these three German composers, is being circulated throughout New England by the Goethe Institute (the German Cultural Center for New England) in Boston

**Place:** George C. Gordon Library, Worcester Polytechnic Institute

**Date:** December 3 - December 28, 1984

**Hours:** December 3 - 18:  
Monday - Friday: 8 a.m. to midnight  
Saturday: 8 a.m. to 9 p.m.  
Sunday: noon to midnight  
December 19 - 21, 26 - 28:  
8 a.m. to 5 p.m.  
December 22- 25: Closed

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# WHAT'S HAPPENING

## Tuesday, December 4, 1984

7:30 p.m. — Cinematech: *The Basileus Quartet*, Alden Hall, free

## Wednesday, December 5, 1984

4:15 p.m. — Salisbury Consort—Open lecture, recital of early Christmas music, Alden Hall Foyer

## Thursday, December 6, 1984

9:00 a.m. — Jewelry Sale, Wedge

10:00 a.m. — Comedy Coffeehouse, Wedge

## Friday, December 7, 1984

10:00 a.m. — Sweater Sale, Wedge

## Saturday, December 8, 1984

8:30 p.m. — Pub Entertainment, 50c

## Sunday, December 9, 1984

11:00 a.m. — Sunday Mass, Alden Hall

6:30 and 9:30 p.m. — The Reel Thing: *Uncommon Valor*, Alden Hall, \$1

## Tuesday, December 11, 1984

7:00 p.m. — Junior Class Meeting: "Juniors and Summer Jobs"; keynote speaker: Frank Consoli of Proctor and Gamble, Newell Hall, AK116

8:00 p.m. — Christmas Concert; WPI Stage Band, Jazz Ensemble, Brass Choir and Wind Ensemble

## ...Pugwash

(continued from page 1)

from all over the world to discuss issues of importance in technology and society.

A current nationwide project sponsored by the ISP is the Nuclear Age Education Project which is working to improve the quality of nuclear education in universities by engaging teachers, administrators and students in cooperative dialogue.

Suckling hopes to make Pugwash a forum to augment the humanistic education which is stressed in the ISP. He explains that Pugwash chapters are required to be "actively neutral"

which means that although it is a non-advocacy group it is dedicated to actively researching issues of importance to engineers. It is a perfect platform from which to initiate IQP projects, he says.

There will be an organizational meeting of the WPI Pugwash on Thursday, Dec. 6, at 4:00 p.m., in Salisbury 121. Any students or professors with an interest in humanistic technology are asked to attend.

## ...Project Report

(continued from page 3)

to know, but also neither one of us had done much work with computer graphics. A big part of A-term was spent familiarizing ourselves with the graphics system at the Medical Center. With the help of enthusiastic support from both Professor Coggins and the Medical Center co-workers the two ladies have forged ahead into a project they are clearly excited about. Sue Abramson points out, "This is really quite a pioneering adventure. It's the first time that the physiology field uses computer graphics to aid in their research." Eventually

they hope to write a manual that can make the system easy to comprehend and therefore available to those without extensive computer skills.

They emphasize that their work is just the beginning. Already they have found new avenues wide open for development that they simply do not have time to research. The enthusiasm the MQP group exhibits is refreshing and they hope that this spirit catches on so others will keep the ball rolling in this exciting new field of science.

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# WPI Appoints New Faculty Members

Worcester Polytechnic Institute has announced the appointment of 15 full-time faculty members, according to a release from the WPI News Bureau.

Appointed were:

**David S. Adams**, assistant professor of biology and biotechnology. He is a graduate of Oklahoma State University, where he earned a bachelor of science degree, and the University of Houston, where he was awarded a master's degree. He received a doctorate from the University of Texas at Austin. His professional interest are in the fields of RNA and DNA research.

**Padmanabhan K. Aravind**, assistant professor of physics. Aravind earned bachelor's and master's degrees from Delhi University, India, and a doctoral degree from Northwestern University, Evanston, IL. His area of expertise is quantum optics.

**Lee A. Becker**, assistant professor of computer science. He earned bachelor and doctoral degrees from the University of Illinois and a master's degree from Indiana University. His research interests include artificial intelligence, programming languages and software engineering.

**Frederick M. Bennett**, assistant professor of

biomedical engineering. Bennett is a graduate of Rensselaer Polytechnic Institute, where he earned bachelor's and master's degrees. He earned a second master's, as well as a doctoral degree, from the University of Southern California. His specialty is neuro control of the cardiopulmonary systems and modeling of the cardiopulmonary systems.

**Walter A. Carrington**, assistant professor of mathematical sciences. A graduate of the Massachusetts Institute of Technology, Carrington earned master and doctoral degrees from Washington University, St. Louis. Among his research interests are numerical analysis and mathematical problems in physiology and medicine.

**Philip S. Chong**, associate professor of management. Chong received a bachelor's degree from the University of Singapore, and master and doctoral degrees from the University of Massachusetts. His areas of expertise are industrial engineering and operations research.

**Paul F. Creegan**, assistant professor of mathematical sciences. A graduate of Boston College, Creegan earned master and doctoral degrees from the University of Maryland. He specializes in functional analysis, potential theory and computers in education.

**Daniel G. Gibson III**, assistant professor of biology and biotechnology. He earned a bachelor's degree from Stanford University, a master's from the College of William and Mary, and a doctoral degree from Boston University. His research interests are marine biology and physiology.

**Peter E. Green**, professor of electrical engineering. Green earned bachelor and doctoral degrees from Leeds University, England. His specialty is the design and analysis of computer systems.

**Hossein Hakimshadi**, assistant professor of electrical engineering. A graduate of Arya Mehr University, Iran, he earned master and doctoral degrees from Purdue University. His research interests include power system analysis and digital control.

**Mark D. Halsey**, assistant professor of mathematics. Halsey is a graduate of Hobart College, NY. He earned master and doctoral degrees from Dartmouth College. His areas of specialty include combinatorics, graph theory and algebra.

**David L. Housman**, assistant professor of mathematics. A graduate of Allegheny College, PA, he earned master and doctoral degrees from Cornell University. Mathematical

modeling, discrete mathematics and differential equations are some of his professional interests.

**Ronald J. Juels**, associate professor of electrical engineering. Juels was awarded bachelor and master degrees from Polytechnic Institute of Brooklyn and a doctor of science degree from Stevens Institute of Technology. His research interests include VLSI design, language translation and communications.

**Peter M. Laurence**, assistant professor of mathematical sciences. He earned a bachelor's degree from the University of Pennsylvania, and master and doctoral degrees from the University of Wisconsin. He is an expert in analysis and applied mathematics.

The new part time and visiting faculty are: George Antonopoulos, visiting assistant professor of chemistry; Neville Daview, visiting research associate, mathematical sciences; Russell P. Fleming, adjunct professor of firesafety studies; Anders Folkesson, visiting assistant professor of mechanical engineering; Ulrich Griebel, engineer and instructor, Manufacturing Engineering Applications Center; Amanullah Khan, visiting instructor of mechanical engineering; Cathy Matson, visiting instructor of humanities; and E. Kate Stewart, visiting assistant professor of humanities.

## WPI Newspeak

The student newspaper of Worcester Polytechnic Institute

Volume 12, Number 23

Tuesday, December 11, 1984



### Happy Hours Are Alive and Well, Despite New Law

by Karen Italiano  
Newspeak Staff

Recently, legislation was passed outlawing Happy Hours in Massachusetts. This law, which takes effect today (December 11), will have some effects on WPI, but it does not mean an end to Happy Hours at the Goat's Head Pub.

Today's Happy Hour will be the first WPI Happy Hour under the new law.

According to Glenn DeLuca, Assistant Director of Student Activities, visitors to the Pub will find two main differences in the "new" Happy Hours. The exact wording of the legislation is not yet available, but the new law no longer permits special, reduced drink prices to be offered. For WPI, this will mean a ten-cent increase in the cost of a draft beer or wine from 4:00-8:00 p.m. at Tuesday and Friday Happy Hours.

The second part of the law which will affect WPI is a two-drink-per-person limit for each

visit to the bar. Though this will cause an increase in crowded bar conditions during Friday Happy Hours, the new law will be strictly enforced for faculty, staff and graduate students as well as for undergraduates. The Pub during non-Happy Hour times had already adopted on its own a two-drink-per-bar-visit limit, but in the past this policy was not used during Happy Hours.

It is not expected that Happy Hours will become any less popular at WPI, even with the increased drink prices. Says DeLuca, "People come because it's Friday, not because the beer is 45 cents, instead of 55..."

It is estimated that the price change will yield a \$100 increase in Pub revenue during a Friday Happy Hour. Once or twice a term this extra money will be invested in special unannounced munchies at a Happy Hour.

The Pub will continue its policy of not admitting anyone under 20 from 4:00 to 8:00 on Fridays.

### Change in Registration Procedure for Term C85

Enrollment for undergraduate students for term C85 is Tuesday, January 15, from 9:00 a.m.-12:00 noon and 1:00-4:00 p.m., and Wednesday, January 16, from 8:00-11:30 a.m. in Alden Hall. Failure to enroll on these dates means loss of preregistered courses and a \$25 late fee.

Please notify the Registrar's Office in writing or by phone by 4:00 p.m. Friday, January 11, if you are unable to enroll before 11:30 a.m. on January 16.

Graduate students will register on Thursday, January 17, from 9:00-12:00 noon, and 1:00-4:00 p.m. in Alden Hall.

Grade reports for undergraduates will go in P.O. Boxes on or before Monday, January 14, 1985. Please notify the Registrar's Office if you wish grades to be mailed home rather than to your P.O. Box or local address. Graduate students' grade reports will be mailed to local addresses.

### Hagglund Survey Seeks 100% Input on Grading Change; CAP Refuses to Conduct Survey

by Jim Goodell  
Newspeak Staff

This question is the basis of a survey which will be circulated this week to all undergraduates and 1000 alumni of WPI. Conducting the survey is Prof. Ray Hagglund of the Mechanical Engineering Department.

In spring of '84 the Committee on Academic Policy submitted a proposed change in the grading policy at WPI. Their proposal suggested the replacement of the AC, AD, NR system with a system based on the grades A, B, C, NR. After many heated debates and several special meetings of the faculty the proposal was tabled — but not forgotten. The Committee on Academic Policy intends to resubmit the proposal as early as January, 1985.

The WPI faculty will be responsible for any decision made on the proposal but the survey will make available to them the broad perspective necessary in making the right decision. "Let's bring to the jury all the evidence that can be gathered," said Hagglund.

Though Professor Hagglund is a member of

the Committee on Academic Policy (CAP), he is conducting the survey as a member of the faculty and not as a member of CAP.

CAP voted against a motion to conduct this type of survey.

In a cover page for the questionnaire, Hagglund lists six reasons why in his opinion, CAP feels that the change is necessary.

"The quality of the incoming freshman classes may increase because better students would come to WPI if the grading system was A, B, C, NR rather than AD, AC, NR.

The current grading system is confusing to some parents of prospective freshmen and may have an effect on the number of students applying for admission to WPI. It is believed that the parents confuse the AD, AC, NR system with the PASS/FAIL system, which is generally frowned upon. As a result, some parents may direct their children away from WPI.

More of WPI's students may be admitted to the better graduate schools because the admitting staff will be better able to understand and

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### WPI's Alcoholic Policy One Year Later

by Jack McLaughlin  
Newspeak Staff

(This is the third article in a three-part series on the alcohol policy at WPI.)

To this point, the focus of this report has been the effect of new school restrictions on college campuses. It is important to note, however, that these restrictions are not just part of some policy to get tough on college drinking.

The nationwide movement to raise drinking ages can be traced to the federal government. The government has mandated that each state raise its minimum drinking age to 21 by January 1, 1986 or else lose part of its federal highway funds. As highway construction is subsidized by 75% to 80%, the states are understandably eager to comply.

It has been said that the actions of government reflect the attitudes of society, a society that has decided to take a strong stand against drunken driving. But a question emerges: for decades there have been cars and drunk drivers and alcohol. Why is the change coming now?

Professor John Wilkes of the Social Science Department teaches the "Social Problems and Social Analysis" course (SS1203) offered B-

term. Since alcohol has been such a hot issue lately, the course has focused on the place of alcohol in society. Professor Wilkes is also the advisor for an ongoing IQP researching alcohol use at WPI, so Wilkes has had ample reason to delve into the question of alcohol in society. Though he doesn't consider himself an expert on the subject, Wilkes shared some very interesting viewpoints in a recent interview.

According to Wilkes, the problem of highway accidents were, in the past, viewed as a part of the human condition. If Americans were to enjoy the freedom of the roads, accidents were to be expected. Now, however, the problem is viewed as something which can be changed, if there is the political will to do so.

A look at accident statistics show that a high percentage of fatal accidents involve alcohol consumption by the young (people 18 to 22). To reduce fatalities one can control cars, drivers or alcohol. Given the tradition in this country of controlling alcohol (a tradition which, incidentally, does not exist in many other countries), it becomes politically acceptable to set ages for alcohol purchase in an effort to keep it

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### Election Results

**Social Committee:** Jodi Marie Griesemer, Class of 1986, is the new Social Committee Chairperson, as voted on by the entire student body.

**Newspeak:** The results of the Newspeak election, voted on by Newspeak staff members, is as follows:

**Editor-in-Chief:** Howard Bernard  
**Circulation Manager:** Nelson Kuo

**News Editor:** Jim Goodell  
**Sports Editor, Men:** Steve Graveline  
**Business Manager:** Jim Goodell  
**Advertising Manager:** Carol Wilder  
**Photography Editor:** Jeff Winick  
**Features Editor:** Jack Spadaro  
**Sports Editor, Women:** Jennifer Mellone  
**Graphics:** Jack McLaughlin (appointed)

The current Editorial Board wishes them the best of luck for future issues.