

10,000 Maniacs visit WPI

Full house treated to extended show

by Cindy Richards
Newspeak Staff

The night of December the third, our community was blessed with the presence of Natalie Merchant. In other words, 10,000 Maniacs played in Harrington Auditorium. Natalie, (I'd call her "Nat", but only her mother is allowed to call her that) the lead singer of the Maniacs, is the most notable member of this band. Quite honestly, until I was handed a biography of the band, I had no idea who the other members were, or if any even existed. Just to let you know, the group consists of Jerome Augustyniak on drums, Robert Buck on guitar, Dennis Drew on keyboards, and Steven Gustafson on bass. If you know anything about 10,000 Maniacs, you probably know that Natalie does not have a reputation for being over-friendly with the press and public. Even though she joked with our beloved Newspeak photographers about refusing to give interviews, over all the show Sunday night improved my image of her.

10,000 Maniacs started off the first set with "Eat for Two". The song is an outcry over the teenage pregnancy

problem. Natalie seemed to use the song to warm up. I got the impression that she didn't know that she had an audience. As for the music in general, from the beginning of the show it was apparent that only the avid fan would be able to tell the difference between the album and the live versions. Sure, watching them perform you knew that it was live; but every time that I've seen 10,000 Maniacs it amazed me that the group could sound so much as if they were in the studio.

After Natalie warmed up and actually opened her eyes once or twice, (for those of you who were wondering, her eyes are brown) the band played "The Big Parade", "Dust Bowl", "Trouble Me", and "The Puppet". Basically, all of the Maniacs' songs are human interest songs. (That saves you from being bored with my interpretations of them.) The music was fairly mellow up until this point. Much to my surprise, after playing for this long, Natalie decided to acknowledge the presence of the audience. I was impressed that she actually talked with us and answered our questions. She talked about the puppet being in someone's garage; she told us why a picture of Lucy and Ricky was on top

of one of the amplifiers. (I didn't catch why, otherwise I'd let you know.) Natalie explained that the reason she never gives interviews is that she simply has nothing important to say.

With a remark like that, it was a good thing that the band started to play "Like the Weather". This song put a little bit of life into the crowd. I really couldn't believe that the crowd was so dead. I don't think that I saw more than fifteen people dancing. I would have had a better time if even three people in the crowd were singing along with Natalie. Her rendition of "Poison in the Well" was exactly like that on the album, so how come people couldn't sing, or at least sway a little bit? I suspect that Natalie opened her eyes when she did "Headstrong" because she was wondering if everybody had left. Sure, it was great that you could hear the music, but a comatose audience is no fun.

Things livened up when 10,000 Maniacs played "What's the Matter Here". I think that it is one of their best songs from recent albums. (I'm not one of the purists who thinks that

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NEWSPEAK STAFF PHOTO / ROB SIMS

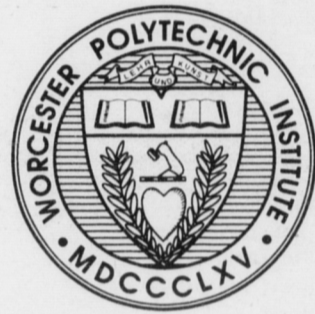
Natalie Merchant receives flowers from appreciative crowd.

WPI Newspeak

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Fund raising underway for new biology lab

(WPI News Release) Biology and biotechnology programs at Worcester Polytechnic Institute (WPI) and the Worcester area will receive a needed boost with the announcement of a \$325,000 Kresge Challenge Grant. The money is targeted for a bioprocess technology laboratory at the 125 year old Institute. Under terms of the grant, WPI must raise an additional \$1.3 million within 18 months to receive the Kresge funds.

The bioprocess technology laboratory, estimated to cost \$650,000, has already received \$250,000 funding from the W.M. Keck Foundation for space renovation and equipment, while the National Science Foundation (NSF) gave WPI a \$95,000 equipment grant, the bulk of which will be used for the new lab. The NSF funds must be matched by donations from laboratory equipment manufacturers.

Additionally, equipment has been donated from Integrated Genetics, while Cambridge Laboratory Consultants developed preliminary lab designs. WPI reunion class of 1962 has already pledged \$55,000.

The \$1.3 million, to be raised under the challenge, will be set aside in an endowment fund for the continuing maintenance of biology and biotechnology equipment. "This equipment endowment is especially important in a core science laboratory, whose equipment technological 'half life' is not likely to be long," said Joseph Bagshaw, biology and biotechnology department head. The endowment helps insure up-to-date equipment in this rapidly evolving and changing science field," he added. State-of-the-art equipment becomes obsolete before it becomes unserviceable.

Government and educational commissions indicate there is a problem nationwide with obsolete scientific equipment. Less than one-fifth of laboratory instrumentation is state-of-the-art and much of the equipment is older than the students who are using it; some is older than the faculty. Much of it does not work. The Kresge Foundation Science Initiative

is a response to this national problem.

"Meeting the Kresge challenge will ensure that we are able to sustain the growth in this exciting new science and serve our students, both for laboratory instruction and for student/faculty research. Perhaps, more important, the science initiative will also mean maintaining up-to-date equipment through our equipment endowment," said WPI President Jon Strauss.

Having a new bioprocess laboratory at WPI will have broad effects, according to campus officials. It will offer faculty and students new opportunities to do research in fermentation and processing. "We will be able to accommodate additional graduate and undergraduate students in the field, as well as enhance two existing course (Fermentation Biology; Protein Purification and Downstream Processing) and offer a new course, Scale-up," said Bagshaw.

"We intend to equip this lab with state-of-the-art facilities to offer students, graduate and undergraduate, well-rounded exposure to the problems and methods of the field," he continued.

"The bioprocess laboratory will be unique. There will be nothing else like it in the U.S. where undergraduate students will have the facilities to have hands on experience working at scale-up, ie, taking a lab experiment and duplicating that experiment on a larger-scale as necessary for commercial production," said Pam Weathers, assistant professor of biology and biotechnology.

"We will teach students how to become skilled at the operator level as well as have an understanding of how to run and schedule a bioprocess operation," she continued. "The greatest limitation of this cutting edge technology is the equipment and the need to keep it up-to-date," she reminded.

"The 1,600 square feet lab, located in Salisbury Laboratories, will serve almost all of our undergraduate majors in the biology and biotechnology department, as well as those in the

related fields of chemical engineering, for both classwork and undergraduate research projects," said President Strauss. "Additionally, it will provide research opportunity for our graduate students and our faculty, who are establishing a national reputation for their work in the field," he added.

The lab will also serve the faculty at nearby Becker Junior College, who will utilize the facilities for their new two-year Biotechnician Training Program. It will also forge relationships with nearby biotechnology activities, providing facilities for short courses and workshops, and for research.

The facility will be available for use by nearby industry at set times during the year on a non-interference basis.

WPI's own biology and biotechnology program is experiencing rapid growth, due in large part to the exciting possibilities both within biology and where this science interests various engineering fields. In 1982, there were 15 majors in the biology and biotechnology department. Today, there are more than 100 undergraduate and 20 graduate majors.

WPI basketball traveling to California

The WPI Men's Basketball Team will be traveling to California during term break to play three basketball games. The first game on Wednesday, January 3 will be at California Institute of Technology in Pasadena. The team will then play in a tournament at Whittier College in Whittier, California on January 5 & 6.

While the team is at Cal Tech, the players and coaches will tour the Cal Tech campus and have dinner on their campus. One of the goals of the trip is to begin a new relationship with the students from Cal Tech to exchange ideas for possible future project work and to invite the team from Cal Tech to come east to visit WPI in the near future.

The WPI Community will also be taking part in the trip. The Alumni

In addition to its role as a basic science, biology has developed an applied technology called biotechnology. Biotechnology is the use of organisms and their components or products for industrial purposes and leading to advances in fields such as health care, agriculture and energy.

Biotechnology is entering a new stage of its growth, according to economists, and U.S. economic growth is increasingly dependent on young high-technology industries like biotechnology. Commercial applications of biotechnological advances have expanded widely in the last year and will continue to do so over the next decade.

Massachusetts, and especially the Worcester area, is the focal point of a major development effort in biotechnology. The state and region are one of the three or four major centers in the U.S. WPI is involved with a public-private development program including the Massachusetts Biotechnology Research Park.

The Kresge Foundation of Troy, Michigan is an independent, private foundation created in 1924 by the personal gifts of Sebastian S. Kresge.

It is not affiliated with any corporation or organization. It is one of the few major national foundations which directs its support toward projects involving construction and renovation of facilities and the purchase of capital equipment or real estate.

The Kresge Foundation Science Initiative is a special challenge grant program aimed at upgrading and endowing scientific equipment and laboratories in college and universities. It is an outgrowth of a survey they conducted in 1987 of 158 colleges and university presidents. The program's aim is to identify substandard areas used for teaching science (equipped classrooms) or research (laboratories) and to improve them, by modernization of the spaces themselves and by upgrading the equipment within those spaces.

Kresge Foundation has assisted education efforts by WPI previously. Recently they participated in the \$9 million fund raising effort through a \$750,000 challenge grant for the construction of Fuller Laboratories, the new \$9.9 million building for information sciences.

office will be hosting receptions for our alumni who are living in California and they will have a chance to see WPI play in person. The Admissions Office is also inviting high-school seniors and their parents to the recep-

tion to meet the people from WPI and learn a little more about our college.

Coach Ken Kaufman who is beginning his 15th season as Head Coach has been planning this trip for three years.

Warning to GSL borrowers

New Federal regulations governing the Stafford Guaranteed Student Loan Program now require schools to personally conduct entrance interviews with each new student borrower. These mandatory interviews were held October 25 through October 27 by the Financial Aid Office, after notification and an informational brochure were sent to each first time borrower.

Those first time borrowers who did not attend an entrance interview and who fail to report to the Financial Aid Office by December 15, the final day of classes, will be blocked for C term Registration. The Financial Aid Office is open from 8:30 am to 5 pm and is located in the lower level of Boynton Hall. If you have questions about your status regarding the GSL entrance interview, please call extension 5469.

NEWS

World News

President Bush and Soviet Leader Gorbachev ended their shipboard summit off the coast of Malta last weekend. A timetable for three future arms reductions treaties was laid out, and Soviet entry into the World Trade Organization was also discussed. Major differences between the superpowers are over Central America and the Soviet Navy's size. After the summit, Bush said that the US would remain committed to the NATO alliance, and would keep troops in Western Europe.

Reforms continued in Czechoslovakia and East Germany. Over the weekend in East Germany, the entire government of Egon Krenz resigned. Former leader Erik Honecker expelled from the Communist Party, and three other former politburo members were arrested under charges of corruption. Honecker was later placed under House arrest, and East German citizens surrounded police stations so that evidence would not be destroyed. A non communist was appointed to lead the government on Wednesday until a new government could be formed. Opposition leaders and government officials met on Thursday to discuss changes in the constitution and free elections.

In Czechoslovakia, a new cabinet was appointed over the weekend that included some non communists. However, the opposition group Civic Forum said that this was not enough, and threatened there would be major strikes on Monday, December 11, if a new government was not formed. On Monday,

15,000 people protested in Wenceslas Square in Prague, demanding free elections. Many Czechoslovakians visited Western Europe due to easings on travel restrictions. President Amadec said on Wednesday that some members from Civic Forum would be included in the new cabinet. On Thursday, Amadec, 63, resigned, saying that reforms would have to be carried out by a younger leader. 43 year old Calfa replaced Amadec, but failed to win support from Civic Forum. Negotiations continued with Civic Forum, and it is rumored that dissident playwright and leader of Civic Forum Vaclav Havel could be the next president of Czechoslovakia.

The uprising in the Philippines ended, as rebels surrendered late in the week. Rebels held the Manila's financial district until they unconditionally surrendered on Thursday, but other rebels held out at the Philippine Air Force Base at Cebu until Early Saturday. Bush had offered US support for the Aquino government.

In Columbia, a truck bomb exploded outside the headquarters of the Police Headquarters, killing 35 and injuring hundreds. Police believe that the drug cartels were responsible.

In India, V.P. Singh leads the newly formed coalition after recent parliamentary elections forced out Gandhi. Singh promised that half the governments resources would go towards rural areas, where most of the people live.

Taiwan had the first parliamentary elections in 31 years. The newly formed Demo-

cratic Progressive Party received 31% of the votes, more than expected, while the ruling Kuomintang got 60%, and independents got the remaining 9%.

A Court in Sweden says that a Palestinian currently being charged for murder is also a suspect in the bombing of Pan Am flight 109 over Lockerbie, Scotland a year ago.

More Syrian troops are in Lebanon to face renegade Christian General Aoun, who remains in the Presidential Palace. In the Syrian controlled Bekka valley, Israeli militiamen attacked two towns. The second anniversary of the Infitada was on Friday, and two Arabs were shot and wounded for violating a curfew in the occupied territories. There were not many people on the streets due to the curfew and rain.

El Salvadoran officials have charged 28 year old American Jennifer Casolo with terrorism. Casolo had a large arms stockpile found in her garden, and is charged with supplying arms to the marxist rebels.

British Prime Minister Thatcher won an election among Conservative party members to remain in power, getting 84% of the Party's support. Recently, Thatcher's popularity has slid due to economic problems, including resignation of the Chancellor of the Exchequer Nigel Lawson.

Peace talks in Sudan, mediated by former President Jimmy Carter, fell through. The major point of tension in the seven year old civil war was the country's Islamic legal code.

Iraq launched a missile that orbited the Earth six times before burning on re-entry. Western officials believe that Iraq obtained the technology from Brazil or Argentina, and obtained high tech electronics from either France or West Germany, and fear that Iraq could be developing a long range nuclear missile that could carry nuclear or chemical weapons. However, many observers believe that Iraq does not yet have guidance capabilities.

At Montreal University, a man entered the engineering school and shot 14 women before shooting himself. The man blamed feminists for many of his problems.

National News

The Navy rammed and towed away a Greenpeace vessel before test launching a Trident 2 missile. The Greenpeace vessel had tried to get in the way of the launch, but were unsuccessful. No one was injured in the incident.

The Supreme Court heard arguments in a Missouri case involving the right to die. A decision is expected next year.

The Department of Justice has proposed a civil fine of up to \$10,000 for possession of small amounts of illegal drugs.

The IRS is investigating to determine

whether or not the Reagans owe any taxes because Nancy accepted designer gowns.

Doctors at the University of Chicago medical center performed the second live donor liver operation. The first one was done last week by the same surgeons.

At Tulane University, researchers say they developed a vaccine that stopped the simian AIDS virus in 8 of 9 monkeys.

A Miami jury convicted a Hispanic police officer of manslaughter because he killed a black motorcyclist and his passenger last February. The shooting sparked three days of riots.

Economic News

European leaders met to discuss the future of the common market. The 12 members of the EC will integrate their economies in 1992, despite protests from the British. A common currency for the EC countries is very likely.

The Leading Economic Indicators were down .4% last October. However, Economists say that the decline was due to a slump in manufacturing, and that a recession is not likely to come anytime soon.

IBM announced a major restructuring due to stagnant growth in the US. IBM will cut 10,000 from its US workforce, and will buy back \$4 billion in stock.

US car and truck sales were down 9.3% last month, due to a major fall at GM.

GM now has only 31.8% of the market share.

Unemployment was up .1% last month, to 5.4%.

Pennzoil has 8.8% of Chevron's stock, but said they are not attempting a takeover. Chevron stock fell \$5.25 to \$66.75 after this announcement, since analysts had predicted a takeover.

The chairman of a house panel said it will investigate if Nintendo is guilty of anti-trust violations with its popular video game system.

Sports News

In the NFL week 13, the Broncos lost to the Raiders in overtime, keeping the Raiders alive in the playoff race. The Vikings beat the Bears, which virtually eliminates the Bears from the playoffs. The Packers beat the Bucs, and remain tied with the Vikings for the NFL Central lead, at 8-5. The LA Rams beat Dallas 35-31, and Dallas fell to 1-12. The Eagles defeated the Giants.

In Major League Baseball, free agent salaries spiked up as there was a bidding war started.

compiled by George Regnery
Newspeak Staff

Artificial Intelligence - The way of the future

by Ajay Khanna
Newspeak Staff

Artificial Intelligence is a subfield of Computer Science. The CS Department at WPI has many faculty and students working on projects in this field. They have interests in various fields of AI including machine vision, image processing, computer design, computer architecture, real-time computer systems, information systems, knowledge acquisition and compilation, machine learning, case-based reasoning, decision support systems, and expert systems.

On Thursday, Nov 30, Jeffrey P Wilson, gave his Master's Thesis presentation on The Generation of Acronyms. His thesis advisor is Lee A Becker. Jeffrey came to WPI in January, 1988, as a graduate student after obtaining his Bachelor's Degree in Computer Science from Fitchburg State College, Fitchburg, MA. As a research assistant in the CS department, he has also developed an expert system for the Air Force.

Acrogen (This is the name that the program found for itself) generates acronyms from a phrase using a combination of the first few letters of each word. It creates only pronounceable words, from which it removes taboo and awkward words. It has two phases - first it generates possible acronyms, and then it filters out unsuitable candidates and orders the remaining. It was written in Prolog on Maxine, a Unix-based system. A program which takes telephone numbers and generates a word called a phonem formed using only the letters corresponding to each number was also developed. It uses the same knowledge as the acronym generator.

First of all, one should be familiar with the exact meaning of acronym. An acronym is a "pronounceable word made from the initial letters or syllables of words," eg NATO (North Atlantic Treaty Org.) It is a single word which is used to convey the meaning of a phrase. It differs from abbreviating (eg Apr for April), initialising (eg RPM for Revolutions Per Minute), blending (eg brunch for breakfast + lunch), and clipping (eg phone for telephone).

The algorithm used four types of knowledge:

1. Non-content words
2. Syllable structures
3. Taboo words
4. Aesthetics

He also suggested using two more types of knowledge which were not incorporated in his algorithm.

5. Syntax of phrases
6. Word semantics

After receiving an input from the user, acrogen passes the phrase through:

1. Non-content Word Stripper

This function creates a revised phrase by removing all unrelated words from the phrase, such as it, the, and my.

2. Letter Stripper and Composer

This procedure generates letter sequences from the phrase with one to four letters from each word.

3. Pronounceable Word Filter

This filter generates pronounceable acronym candidates from the letter sequences. It filters out acronyms with more than three syllables.

4. Taboo Filter

This filter removes taboo words from the list of acronym candidates. Taboo words can be uneducated speech, ethnic slurs, blasphemies, or dirty words.

5. Aesthetic Filter and Orderer

This procedure filters out words longer than 8 letters, vowel clusters longer than 2 letters, and consonant clusters more than 3 letters. (These parameters can be changed easily.) It also orders the words, first monosyllable words, then bisyllables, which are separated into two groups based on word aesthetics, and trisyllables.

There were two procedures that were not included in the program.

1. Syntax Transformer

This should go just before the non-content word stripper. It generates different forms of the original phrase by reorganizing the words while maintaining the original meaning.

2. Semantic Filter

This should go after the aesthetic filter and orderer. This filter filters out words that have no relation to the original phrase. Thus, more meaningful acronyms are produced. This filter was not included in the program. The results are the final acronyms.

The phonem program passes the phone number through a transformer, the pronounceable word filter, the taboo filter, and the aesthetic filter and orderer. The transformer generates all the sequences of letters formed from the phone number.

The program was tested on a few phrases and a phone number. When tested with the phrase "acronym generator," it came up with 11 words, including age and acrogen. With "North Atlantic Treaty Organization," it came up with NATO, which is its acronym, and NATORG. When posed with "Strategic Arms Limitation Treaty," it produced SALT, STARLIT, and STALIMIT. (It would have generated STARLIMIT if the limit had been 9 letters instead of 8.) When I ran it with "Student Activities Board," it produced SAB, STAB, STUDAB, SABO, and STUDABO. It takes approximately two minutes to find a list of acronyms for a four word phrase.

The phonem program generated the acronym LIFE for the last four digits of the Campus Police Office phone number, which is 831-5433. Please note that the number to dial in case of an emergency is 831-5555. However, the office number is 831-LIFE. It takes about 30 seconds to find acronyms for a four digit number. It can also handle seven digits, but it takes about half an hour.

If you have any questions about this article, or if you are interested in AI, do not hesitate to contact me (Ajay Khanna, BOX 2363) Jeffrey will be leaving at the end of this semester, since he has completed his education at WPI. Let us wish him the best of luck!

Tree sales help youth groups

by Gary McCaslin

The holiday season is here and in full swing! The WPI tree is all lit up on top of Salisbury and the trees are being sold at the First Baptist Church on the corner of Park Avenue and Salisbury Street. Please find below a coupon that may be used by any reader of *Newspeak* at the FBC Tree Sales. Notice that the coupon says *FBC Trees for FBC Youth*. This means all money raised at the sales go to FBC Youth Programs which includes basketballs teams at the YMCA, summer camping trips and retreats

throughout the year.

In past years, the Youth Groupers have also donated a portion of their profits to Jeremiah's Hospice (a shelter for homeless men), 12 George Street (a cooperative living project for homeless women and children), Habitat for Humanity in Worcester, Greenpeace International and Covenant House, a home for runaway children in New York City.

We welcome the support of the WPI community at the FBC Tree Sales. Cheers for the Holidays!



This is the last Newspeak of B-Term.
Our next issue will be published on
January 23rd, 1990.

Happy Holidays from all of
us at Newspeak.



Black Velvet opens for the Maniacs.

NEWSPEAK STAFF PHOTO / JASON EDELBLUTE

Swim teams win against Connecticut College

by Becky Griffith and Jen Lambert

On Saturday, Dec. 9th the women swam to victory over Connecticut College in their final meet before Christmas break. The score was 65 to 57. The meet was left up to the last events to win after placing second in the 400 medley relay. Senior Jenn Tobin remarkably came in first in the 160 IM after a tied score put WPI in the lead by a point. Lastly, the 400 free relay team, consisting of Deb Sanna, Tara Zaharoff, Michelle Boucher and Jen Tobin snatched first place from Conn. College to win the meet by a

total of 8 points. First place winners were freshman Deb Sanna (100 free), senior Jen Lambert (200 free, 100 breast, 200 breast) and senior Jenn Tobin (160 IM). They finish their first half of the season 2-2.

The men's swim team also beat Connecticut College 66-54 to make their record stand 2-1 before Christmas break. First place winners include senior Mik Kiss (200 free), freshman Sean Peek (1000 free) and junior Tony Daniele (100 fly). Freshman Hal Brown once again would not be out done and came from behind in the 200 free to out touch the Conn. College swimmer and take 2nd.

continued from page 1 Full house treated to extended show

the band has sold out on their last two albums. Actually, I don't even know any of their old songs.) Natalie actually improvised on the ending of the song. She sang the same words, but to a different tune. I was shocked. The first set ended with "Jack Kerouac". That is the only thing that can be said; it was the end.

10,000 Maniacs began their encore with a Tea song. She sang it with the guy running the sound board. (Right about then, I think that all of us in the audience became convinced that she was under the influence of something.) The first encore consisted of "The Lion's Share", "City of Angels", and "Don't Talk." Towards the end of the first encore, Natalie was pacing back and forth, looking bored and tired. I'd like to let her know that I'm sorry that she had to be bothered with having to perform for us if that is how she felt.

I left at the beginning of the second encore. I heard that both Natalie and the band performed some solo numbers. I didn't want to stick around, because my knees were killing me from standing still for four hours, and I have the albums at home. I'm sure that I didn't miss much.

If I had arrived late, however, I would have missed something. The opening band, The Black Velvet Band from England, was impressive. They reminded me of the Pogues in a way, with their folk-type of sound. They began their set seeming uptight, but as they played songs like "As You Go Down", and "Seven More Times" off of their album When Justice Came, they loosened up. They displayed a good sense of humor. They laughed then because they knew that few people in the audience had ever heard of them. They looked like they just walked out of the early seventies. Towards the end of the set, they taught the audience the words to a verse of one of their songs, making a good attempt at a sing along. I enjoyed their set; it was a genuine good time.

Overall, the evening was interesting. The Black Velvet Band was an exceptional opening act. 10,000 Maniacs, with the one-of-a-kind Natalie Merchant, put on a fairly average show for themselves. I think that had the crowd been a bit more active, then the show would have been more exciting. It was a good show, but given the opportunity, I doubt that I would go to see 10,000 Maniacs again.

WPI student receives Air Force award

(WPI News Release) An Air Force ROTC member from Worcester Polytechnic Institute is one of five college cadets nationwide from more than 2,500 AFROTC candidates nominated to receive the 1989 U.S. Air Force ROTC Legion of Valor Bronze Cross for Achievement. The award was presented November 29th in ceremonies at WPI.

Stacey J. Cotton, a senior in aeronautical engineering, was nominated for the award by her unit commander and WPI based on demonstrated outstanding leadership qualities and upper 10 percent ranking in both Aerospace Science 300 military class and school standing.

Cotton's nomination cited her academic performance with a solid A average in her major and aerospace studies class as well as her exceptional leadership abilities. The Society of American Military Engineers selected her in a nationwide competition as one of the top 20 outstanding cadets in an engineering program in her year group. She is also a member of WPI's varsity basketball and volleyball teams and was selected as an "Academic All-Ameri-

can" in the latter sport.

Her ROTC commander, Lt. Col. James R. Coakley, said "Cadet Cotton has been an exceptional leader over the last three years. She won the Vice-Commandant's Award at Plattsburg I Field Training Encampment, and last fall prepared the most comprehensive semester operations plan in the detachment's history. She excels at every endeavor she undertakes."

Recipients of the Legion of Valor Bronze Cross for Achievement are considered for the Olmstead Scholarship Program which provides an all-expense-paid year of study at a foreign university after three years of Air Force service.

The Legion of Valor Bronze Cross of Achievement award consists of a bronze cross, certificate, and ribbon with a bronze Maltese cross device. The Legion of Valor is an association of those whose valor has been recognized by award of the Medal of Honor, The Distinguished Service Cross, Navy Cross, or Air Force Cross.

Billy Squier Rocks in Boston

Despite the throat-freezing cold in Boston Friday night, the speakers were red hot in the Orpheum Theater when Billy Squier left the stage. Before Billy emerged to play his two hour set, the packed theater audience was warmed up by two other heavy metal bands, King's X and Blue Murder.

King X started the show off with roaring guitar licks and lots of neck-breaking head-banging. The 3 member band was from Houston, Texas and told us their first video was on MTV last week. They had an original sound and look. The lead singer was tall, dark-skinned, and had both sides of his head shaved with a long black floppy patch remaining in the

middle. One of their best songs was "Everybody Needs to Love a Little Bit."

Blue Murder was a British-sounding band organized by John Sykes, one of the former guitarists of Whitesnake. The band played a lot of guitar, including a double time rendition of "Still of the Night," one of their title songs called Blue Murder and then surprised the audience with two well done show songs. (John Sykes said they were attempting something sensitive.)

Blue Murder left the stage at ten past nine o'clock. The stage hands must have hurried because the lights went on for Billy Squier at 9:30. A huge blow-up of Billy Squier's head slid out across the backdrop, lights flashed on it, and the audience went nuts, chanting Bil-ly, Bil-ly. When the band took their places and started playing the openings to a couple of Billy's more popular songs, Billy's voice drifted out singing "Everybody, have you heard?" Then there was silence and then he ran out, opening with "Don't Say You Love Me." Billy told the crowd that "he knew he hadn't been to Boston in a while, but they were going to make up for it tonight with some old stuff and some new stuff." The band did songs from Emotions in Motion, Signs of Life and his new one, Here and Now. Here and Now is an excellent album, definitely Billy Squier, but with some new variations.

The tour is called the All Excesses tour, and the back of his T-shirts say "Don't Say No - Just Say Huh!"

Although the acoustics in the Orpheum weren't meant for a hard rock concert, the show sounded good - Billy Squier is an excellent performer live, he kept the audience involved with lots of conversation. The band did 2 encores, finishing with Stroke (finally) and a new song. Billy sat on stage a couple minutes after the band, picking up roses that were thrown to him. He ran off, waving and the show ended with blue lights on the backdrop.



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Andersen Consulting, a strategic business unit of Arthur Andersen & Co., is the leader in management information consulting. At Andersen Consulting, we help organizations and individuals effectively apply technology to their business advantage.

If a career with Andersen Consulting interests you, we would like to meet you on Wednesday, January 24.

INFORMATION SESSION:

WEDNESDAY JANUARY 24
7 PM
LIBRARY CONFERENCE ROOM
GORDEN LIBRARY

We are holding an information session for juniors, seniors and grad students interested in learning more about Andersen Consulting. All areas of study are encouraged to attend.

ON-CAMPUS INTERVIEWS:

THURSDAY JANUARY 25
OGCP

We will be conducting on-campus interviews for qualified seniors and grad students.

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EDITORIAL

A changing of the guard

This is the last issue to be printed by the current editorial board. Thanks to everyone who contributed in the past year; you have made the paper a real success. The paper has changed a lot both outwardly and behind the scenes. The graphic layout of the paper is improved over last year because of a larger and more dedicated graphics staff. The writing and photography departments have a lot of new faces as well as several who have returned to us after leaving for a while. On the average, the paper has been larger than last year and contained more regular columns. In October we even had our largest issue ever: 32 pages. That issue took the effort of the entire staff.

Communication with the administration has improved greatly, especially due to the efforts of Bernard Brown, Vice President for Student Affairs. The Dean of Students office was very helpful with the questions and problems we had. Chris Jachimowicz in the Student Activities office was extremely helpful with relating information about the major activities on campus to us, and also answered our questions

about budgets and institute paperwork procedures.

Elections for the new editors were held last week. Some editors were re-elected, and some were elected to new positions. There are also a lot of new faces, including several freshmen.

The new editors are:

Editor in Chief: Gary DelGREGO
 News Editor: Pat Charles
 Features Editor: Heidi Lundy
 Graphics Editor: Alan Penniman
 Photography Editor: Chris L'Hommedieu
 Sports Editor: Roger Burleson
 Advertising Editor: Liz Stewart
 Business Manager: Ty Panagoplos
 Circulation Manager: Melanie Wallace

Gary DelGREGO is our past graphics editor. He is now a junior and has been with the paper since his freshman year. He is familiar with all aspects of the operation of the paper. Pat Charles joined the paper last year as a freshman, and

changed this year from features editor to news editor. Heidi Lundy won Pat Charles old position. She is also a sophomore and has been writing for the paper since last year. Alan Penniman joined the graphics staff at the beginning of this year. He is currently a junior and is taking over Gary DelGREGO's old position. Chris L'Hommedieu joined the photography staff this year as a freshman. He is very enthusiastic about the position. Roger Burleson returns as our sports editor. Liz Stewart joined the graphics staff this year as a freshman. Ty Panagoplos started working in the business department at the beginning of the year and gradually took over all of the duties. He has done a fantastic job of getting our accounts and books up to date. Melanie Wallace is a junior who has been writing for the paper since her freshman year.

These editors are all hard working and dedicated. Newspeak will continue to improve with this editorial board.

COMMENTARY

IQP Abroad: Journey Through Ireland

Where NOT to go

by Jeffrey Coy

Senior European Correspondent

Kenmare is a small fishing village located just at the tip of the Bantry Bay in the southwest of Ireland. Surrounded by more popular spots like Killarney, the Dingle Peninsula, and the Ring of Kerry, Kenmare is often over-looked by many tourists: It is a quiet, unassuming town, wholesome in its traditions and proud of its lot.

Somehow, we managed to stumble upon it just as the sun began to disappear beyond the mountains of the Killarney National Forest. There were five of us and our luggage, all crammed into an Opel Corsa - no bigger than a Chevette - and we were all feeling cramped and sore. Besides, after nearly 3 hours with "Mad Dog" Sully at the wheel, we'd all had enough driving for one day.

We found beds at the nearby empty youth hostel in town, where the only other residents we found were a 6 week-old puppy named Lessie and a tall, craggy-faced German named Laslow who seemed very fond of an organic chemistry book. Neither did much talking, so we all managed to rest for a while.

But pubs in Ireland close at 11 pm, so we didn't rest too long. On the streets, it seemed to be a sleepy Friday night, but inside any of Kenmare's several pubs, you were washed in the revelries of fishermen coming in from the cold, washing out salty lungs with rick, smooth pints of Guinness.

It was in the Pub Failte ("Failte" means welcome in Irish) that we met an old man who managed to draw a few of us into conversation with him (the Irish have a knack for that). Where were we from, he wanted to know. And when we said, America, he pulled an address book from his coat, and, leafing through it, began to show us where all his brothers and nephews and cousins live. In places we know, our hometowns: Springfield, Boston, Long Island, even Cleveland. This old man had been to the States and had loved it, though he said he could never leave "his Ireland" forever. He was born and raised and lived all his life in Kenmare, and he could never live away from it. It would always be his home.

We left Kenmare the next morning, and with Sully at the wheel yet again, we traversed a good portion of coastline along Bantry Bay before heading to the Ring of Kerry. A 110-mile drive following cliffs along the Atlantic, the Ring is one Ireland's most popular attractions. With tender blue ocean to the left and stark, rising mountains to the right, its scenery is unsurpassed.

The drive is slow going, however, because Irish roads are poor, and, simply, because you stop often to explore roadside ruins or admire the beauty of the place. So we didn't hit the town of Waterville at the end of the Kerry peninsula, and the halfway point of the Ring, until near dinner-time. Located on a long stretch of

sandy Atlantic beach, Waterville, in contrast to Kenmare, is a popular tourist spot during the season. Its many seafood restaurants advertise "Tourist Menus" and "the Lobster Bar" even sports a 6-foot high plastic lobster clutching a pint of Guinness.

But the tourists are few and far between in November, and it seemed we were the only non-residents that chilly evening. The youth hostel, a restored eighteenth century castle, was closed for the season, so we were forced to take lodgings at a beachside Bed and Breakfast.

After moving our luggage into our rooms, we hopped across the street for some fish and chips, hoping, perhaps, to meet a resident as colorful as the old man we had met the night before in Kenmare. No such luck. It was only

us, an Australian couple on their honeymoon, and a waitress too distracted by an Irish version of *Dynasty* to pay us any notice.

When she finally did get around to taking our orders, as we were cramped around a small table, all pressing closer to the peat fireplace for warmth, she seemed rushed and unpleasant, disturbed to have been dragged away from her show. So, after we ate, with nothing interesting enough to keep us there, we went back across the street to our B and B.

The proprietor was sitting in the TV room when we entered. "Pardon me, lads," she said, "but I hope you wouldn't mind paying for the night right now? It's not that I don't trust you all, but you never can be too careful." Though somewhat taken

aback at this seeming breach of Irish kindness and friendliness, we settled our accounts.

That night, the bed was uncomfortable and the room was kept too cold. Next morning, breakfast was mediocre. On the whole, Waterville was hardly worth the effort, a tourist trap at its lowliest.

The night before in Kenmare, the old man had asked us what people in America are really like, if they're as rude and unkind as the "New York City image" might portray. No, we said, they're not all like that. It all depends on where you go.

When I return, and people ask what the Irish are like, I'll most likely answer the same:

It all depends upon where you go...

A parents' fight against drunk driving

Dear Students:

You have plans for your life - goals to reach - a brilliant future....

So did Linda Lancaster, a doctoral candidate at the University of Maine, Orono, Maine. On February 18, 1989, the drunken driver of a pickup truck struck her down as she and a classmate walked along a sidewalk in the campus community. Linda died three hours later.

All her goals and plans for the future were wiped out in one senseless moment of drunken violence - a vio-

lence our legislatures have yet to recognize as murder - and our courts of law waiver over justice for the victim.

You have plans for your life - but, take a moment as you walk across campus to ponder on your chances of becoming the random victim of a drunken driver. We all carry the same risk, as did Linda. But with your help we can - and must - keep our streets and sidewalk safe.

Take a stand. Refuse to ride with an intoxicated driver. Volunteer to drive a friend who has partied too much. Write your congressman to

initiate deterrent legislation against killer drivers: no time off for good behavior - no suspending half a sentence - no plea bargaining.

Do something positive, if not for yourself or for a friend, then for someone who loves you.

Keep your future alive!

Russell and Eleanor Nicholson
 Parents of Linda Lancaster

Editor's note: Copies of this letter were sent to 1,000 universities across the country.

Rubes®

By Leigh Rubin



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

The editors reserve the right to edit letters for correct punctuation and spelling. Letters to the editor are due by 9:00 a.m. on the Friday preceding publication. Send them to WPI Box 2700 or bring them to the Newspeak office, Riley 01. All other copy is due by noon on the Friday preceding publication (this includes electronic submissions, classifieds, greek and club corners) and must include the author's name, telephone and box number. We reserve the right to edit all other copy. All ads are due by noon on the Thursday preceding publication. Articles may be sent via the Encore by mailing them to our account ("Newspeak").

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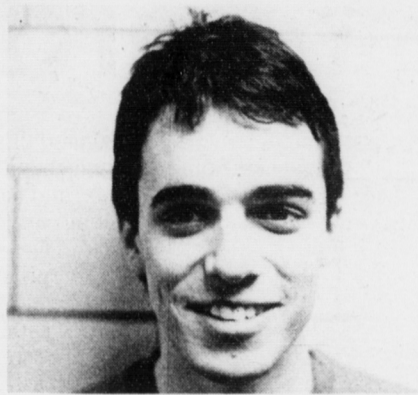
VIEWPOINT

What are you planning to do over break?



Tara Zaharoff '92

"I'm going home, and watching the Pittsburgh Penguins play."



Eric Graham '93

"Sking, Hanging out, and mellowing out."



Angelo Sorrentino '93

"Go home, Times Square New Year's Eve, and visiting relatives in Florida."



Jen Tobin, Denise Fortier, Chris Hajjar

"MQP and fun stuff too."

NEWSPEAK STAFF PHOTOS / CHRIS L'HOMMEDIEU

Observations from the Asylum

Dire Straits

by Alton Reich Newspeak Staff

I was going to write a flowery column about how nice it is to get away from this place for the holidays. Or perhaps it would have been a piece on shopping for gifts. I, however, have been inspired by the great lord of idiocy. I refer of course to Pres. Strauss' new budget.

I haven't had the displeasure of reading the whole thing, but there are two things that he is proposing that struck me as odd. I will at this point note that my opinions are just that, mine. Whether my employer agrees

with me or not is our little secret.

Ok, first of all, a question. How many Fire Protection Engineering programs are there in the country? Most of you wouldn't know this, but there are two. Everyone in the country who wants to go into fire protection has two choices, WPI and some other school (I don't know which). Can you guess what Herr Strauss has done to FPE's budget for next year? He's cut it...to \$0.00. That's right, he wants to do away with it entirely.

It isn't like FPE is useless. It brings in research money (face it, there are only two schools doing research in the field), and it gets about half the grad

students in the field in the country. I think that part of the reason he has decided to pick on FPE is that none of the faculty are tenured. None of them can raise a big stink about getting the axe. Evokes images of Jon the Executioner with his big, bad axe. Good thing for him the victims can't fight back.

This brings me to the topic I know something about, the Nuclear Reactor got the same budget. While FPE may not be able to save themselves, the reactor can't go. If Jon would get his cranium out of his anal orifice he'd know he can't. You see it's simple. The owner of a reactor is ultimately

responsible to the federal government for the operation of its facility. Our reactor is the property of WPI, therefore WPI, Herr Strauss, is responsible to the government. Each operator is responsible to the NRC for his actions. If an operator makes a mistake, he can be held accountable by both the owner and the NRC. Technically the Director of a facility is responsible to the owner, not the NRC. Basically the director is charged by the owner with taking care of the details.

Now as to why Strauss can't cut our budget to nothing. The reactor is required by law to have insurance, security, and a host of other things. If we keep our fuel in the core, we must do tests of reactor safety parameters regularly, plus operators must operate regularly in order to keep their licences. If we unload the core and leave it that way our ROs (reactor operators) will have their licences lapse, and then I don't know what would happen. The last option is decommissioning, a naughty word if the Budget Beasts want to save money. How much could it cost to decommission? I've heard anywhere from \$1.5 to \$2.5 million.

But wait, there's more. Currently the Reactor Director, Tom Newton, is the only person on campus who is authorized to purchase radioisotopes. He is necessary to purchase supplies for Bio, and to some extent Chem.

The Radiation Safety Officer (RSO) is the campus watchdog for radioisotope use. The RSO does surveys of all the labs on campus in which there is isotope use, and he recommends guidelines to the Radiological Health and Safeguards Committee (RHSC). The RHSC sets guidelines for isotope use on campus. Due to the fact that even without a reactor there would still be isotopes used on campus, Lord Jon can't even cut people.

Ok, Strauss even went so far as to mention replacing the reactor with a simulator to save money. He's obviously not looked at simulator prices lately, \$600,000 for a cheap one (several million for the expensive kind).

I really should be nice to Jon, you see he has a handicap, he's brain dead. Has been for a long time. He almost got his pink slip from the trustees last year, and I will be sorely disappointed if he doesn't get it this year. His budgetary incompetence rivals that of our state's fearless Mike "I'm just a nose and two eyebrows" Dukakis. If Jon wants to save money we should shut off the heat in Boynton. I'm sure that his good friends would snuggle close and keep him warm. The only solution to this problem is to gut the President's office, and budget people and start over fresh.

Well, on that note, happy holidays.

Freshman class has not slacked off

To the Editor:

We the Freshmen Class officers were both astonished and hurt by the Editorial in Newspeak's last edition. Entering into our respective offices this fall, each of us was filled with excitement to make this year truly awesome. This excitement was carried through any conflicts we encountered. We were told that the Freshmen class has done nothing in the past so we should not do anything. That only gave us the incentive to do everything. We began the year with 3 events this semester. We had a Homecoming Float, a Tuck In Fundraiser to pay for homecoming and now we are in the midst of a Christmas project. We also have 2 events already in the planning for C term. At our weekly meetings

we discuss projects, class spirit, participation and school-wide problems and events. As with any class and maybe even more such being Freshmen we sometimes don't learn of things until it is too late. If we had had notice on several occasions of events we could have tried to participate or help out in some way.

Freshmen just arriving at school are learning. We have tried to get everyone to help and participate in class affairs but as you can imagine this is very hard and sometimes impossible. People have a lot to do with studies, sports and social events and class business is usually last on the list. Sometimes people say someone else will do it so I don't have to. If enough people say this these someones are no ones and the class officers

and a few helpful volunteers (thanks) end up with the workload because things promises must be carried out. So in response to your Editorial the Freshmen Class office has not slacked off. If anything we have worked harder than other class in social clubs, studies and class projects. Please don't ever put us down because we're doing our best having fun and are very very proud of our Freshmen Class.

Respectfully, The Freshmen Class Officers: President: Kimberly Phillip Vice President: Cynthia Richards Secretary: Jennifer Hodge Representative: Lisa Panico Treasurer: Tania Wolanski

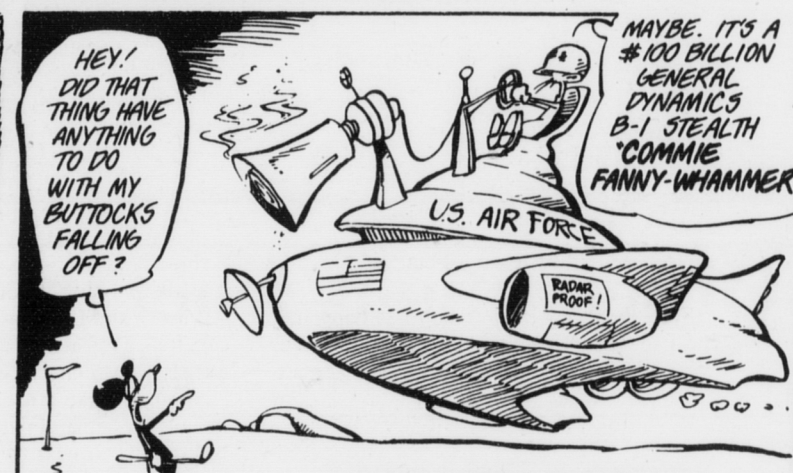
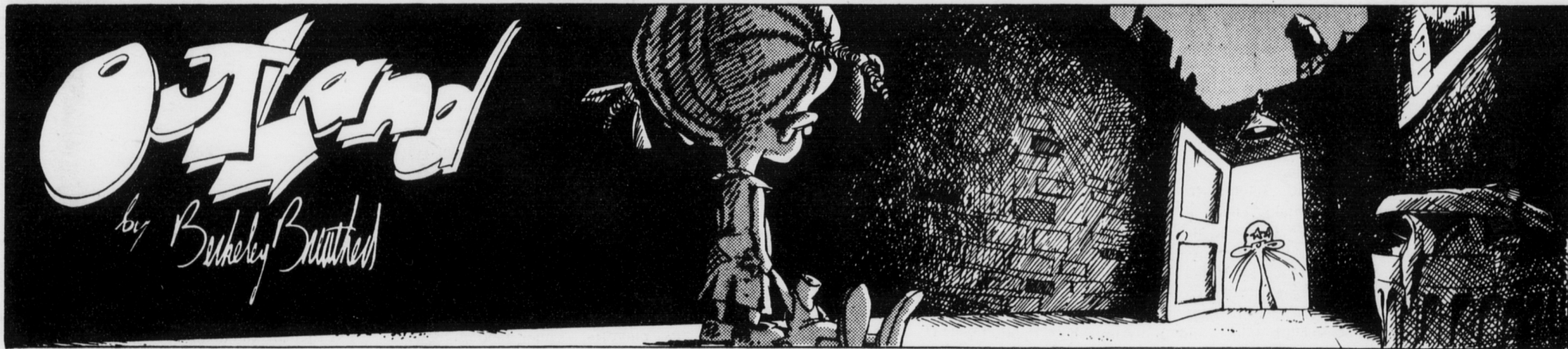
Editor's Note: This article was proofread several times. Newspeak's policy is to edit letters only for spelling and punctuation.



ZOO U. by Mark Weitzman



Great! Ron's back with more balls.



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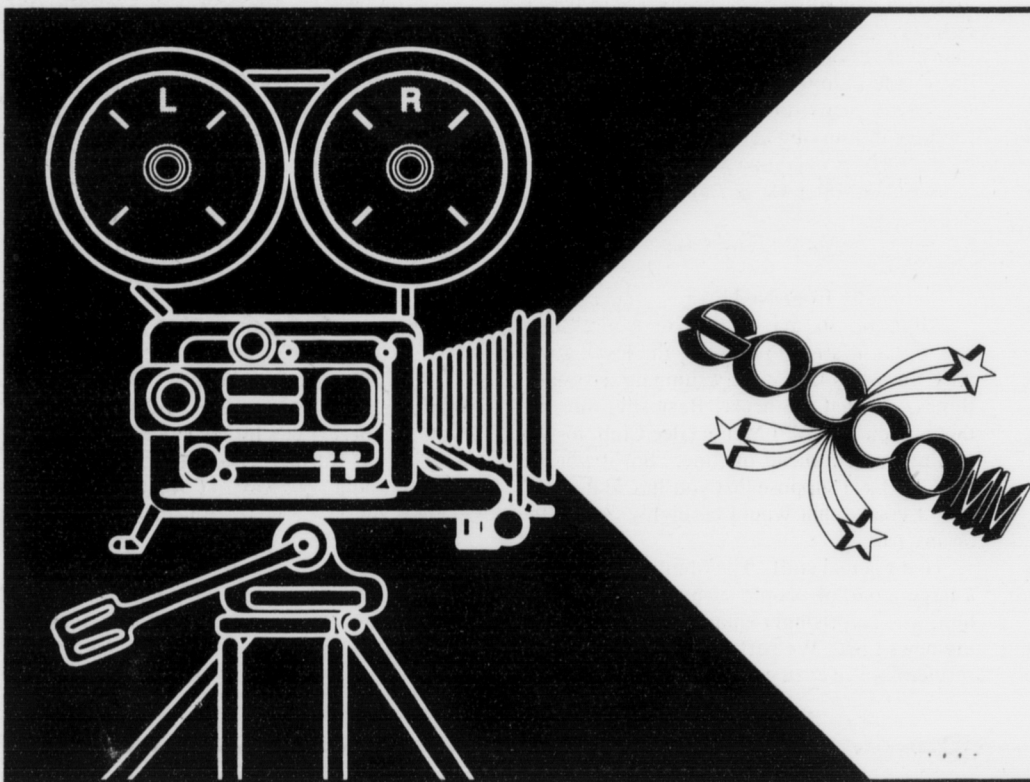
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GREEK CORNER

Alpha Chi Rho

Well, this is it everyone. The last greek corner of the 80's. It was definitely a decade to remember. Let's finish up all the old business, so we can start clean and look forward to the 90's when January rolls around.

Be thankful for Social and Fraternal for providing well needed study breaks. I think all the purple balloons are finally dead, and the Christmas tree is finally here. Tree trimming was fun as was the X-mas dinner. The Annual Christmas Party on the other hand, lived up to tradition and Santa Carps and his elves can finally sober up now. Good job Adnon and Rob.

The three guys that went to Quinipiac had a great time, except for Tara's driving. I'm sure there are some good stories floating around about SUNY/Stoneybrook last week-end, but that will have to wait until next time.

Congratulations for the end of the decade go to Schmeg for his great goal last week on the ice. Also to Dupes who got inducted into Pi Tau Sigma (The Blarneystone was great). And we can't forget the guys that bagged our postulants after they grabbed Carps. I think that was record time.

Postulants, where's the plaque?? We are waiting for a raid. Oh yah, don't forget to sign in, and finish those books. Tasks get harder in the 90's.

Sheehan wanted me to tell Rueben, Eric and Bonger to give up on the Nintendo marathon. You guys can't win. Before I forget, what's this about being stuck in an elevator Val?? Are you that clueless?

That's it for this week, this year, and this decade. Good luck on finals, except for the Civils who don't do any work anyway. I hope to see everyone at the End of the World party this week. Let's go out in style guys.

Merry Christmas and Happy New Year to all the Brothers and Postulants, and to everyone else while I'm at it. See you on New Years Eve down at the house, and enjoy what's left of the 80's. I'm outta here -Dumbo.

Alpha Gamma Delta

Hello everyone - hope you are all surviving the last week of the term ok. Just think of all the time to relax just around the corner. The Holiday Formal was a great success. The Christmas Party with the orphans was also a great success, thanks to all who attended. Has everyone enjoyed a wonderful week of mail? The secret Santas were great! Christmas caroling was fun, some of us couldn't find anyone to sing to, but we hope everyone like the wreaths. The pledges are to be congratulated to showing the spirit on Sunday night. Great job guys. Speaking of great jobs keep up the good work on signatures. Everyone have a great break and we'll see you in C-term.

Delta Phi Epsilon

Well once again here we are - the last week of the term. Hope everybody does well with their finals. GOOD LUCK!!! Congratulations go to our pledge Nancy Bullock and sister Amy Scott for their solos and of course Kris

Govertsen. You guys were great. Another congratulations go to Jen Knudsen for finally making it out of WPI. Hopefully us other chemical engineers will be lucky. Good Luck, we love you. Amy, you did an AWESOME job with the Christmas Dance. Everyone looked really pretty. Thank you to all those sisters who went caroling Friday night. We had loads of fun. Thanks to Alpha Gamma Delta for the Christmas Wreath. Hope every has Happy Holidays and may Santa be good to you.

Val,...you are going to die of what! Oh its only a cold Jay gave to you. Sheryl, what is the "living room" anyway? Happy Birthmas to Amy who is finally legal. Happy Birthday and Merry Christmas. Love your roommates and everyone else. Sue, what's for supper tonight? Which potato is it? Together...Broken up...Together...Broken up...Together...Broken up...which is it? Kay, Julie and Amy all have found dates. Congrats! Lisa, get a life, a real one. Love all of us. Well next time it will be C-Term and a new Year. Have a good year passing and may 1990 be even better. Love VAK.

Phi Sigma Sigma

Since last we met so much has happened. The Panhel-IFC Auction for the United Way was a grand success. On behalf of Phi Sig Sig, Panhel, IFC and Greeks everywhere: a warm thanks to Bill Trask — auctioneer extraordinaire!

In pledge news: You gals have so much spirit, after all those spirit boosters. To all the fraternal organizations, we hope you enjoyed the complimentary decorations from our pledges!

Pledges, congratulations on the success of your philanthropy project. Thanks to KAP for your dedication to the children every year.

In other pledge news: Pledges are doing a fantastic job of getting to know the sisters. Keep up the psyche!

In Holiday news: The Christmas Party was a blast! Danielle L., the social committee and everyone did a beautiful job with the decorations and the coordination of the whole extravaganza! (a mini thanks to Dianna F for arranging the McQuail's fun). "Christmas in the City": a swell time was had by all!

Secret Santa is coming to town tomorrow. I know everyone's been good so I'm sure no one will have to worry about getting coal.

Finally, take a moment to relax, enjoy the last few days of B-term, ace all of your classes, go home for a few weeks and return C-term more psyched than ever!!!!

Personal hi's to Sue Mitchell, Tori and BethAnn. -3 days until the XMAS Party; 3 days until the end o' the term. Speaking of which, pledges, remember to wear your pins at home—you never know when you'll run into a sister! Until we meet again, LITP.

Sigma Alpha Epsilon

Finally, a list of our new pledges: Josh Onferoy, Jason Chin, Pete Grabowski, Rob Bukowski, Jay McGinn, Ian Mitchell, Frank Ricciardi, Bruce Hill, Kevin Souza, Gary Domingo, Mark Nadler, Matt Zembruski, Chris Wienwurm, John Mahoney, Sam Tet-

low. The Christmas tree looks great, when's the Christmas raid? How did you guys enjoy your first Saturday Workparty and Sunday Waiton? Prepare for more to follow. Keep studying, finals are this week. Don't forget Christmas carolling is tonight, who is the elf? Avablance is the santa, no pillows are necessary for that songleader. In sports, A-team hoop continues to be undefeated, B-team hoop still undefeated, when will it end? Will our hoop teams find any real competition? Time will tell. Hockey lost in a hard-fought defensive struggle. And finally bowling is rolling along toward the playoffs. Other random news: quote of the year: "I will not get bowled by the sophomore class" by Sweet Lou. The next night he gets bowled by a rock star, a preppie, a Sesame Street character, a Brian Kraft, a werewolf, an ugly man, and the room 6 local toughguy. Will Lou get bowled again? Of course. Newsflash: Stiller gets a secondary from ATT, he becomes a telephone repairman. Will Palooky get his third strike? The nerd club lives on. Don't forget Hotel Party is only three days away. Next snow storm, sledding shall continue. Lumpy good happy hour last week. McMike how's quiche tasting, you're getting good at it. Fashion update, "lackluster" girls with funny roses are in, girls named for Southern states are out. On a final note, remember finals are this week let's pass everything. Until next week, Aye, Ernie.

Tau Kappa Epsilon

Last week of the term.. We had an awesome Swampwater party. Congrats to Tim Ferrarotti for winning the F award. Also congrats to Keith Saxon. We had a Christmas gathering last Tuesday and we would like to thank all those that came. Since this is the last issue of the term I would like to take the time to thank the officers and committee chairmen for a great job, especially our President David Woodilla.

Theta Chi

Merry Christmas and Happy New Year.. The brothers of Theta Chi would like to extend warm holiday greetings to all. Our first annual food drive for the United Way was a great success. Brothers travelled throughout Worcester collecting can goods for the United Way. The first ever Rent-a-Brother program has also begun. If interested please contact our Philanthropy Chairman, Alex Thorp at 753-9952. Our pledge class recently chose their big brothers, tension is mounting for the first big brother/little brother tournament. Favored to win - the "Gimpy" Elario and "Not So" Swift team. Good luck to all! Our house was recently decorated by our pledge class, a special thanks and a job well done! Saturday's Christmas party was filled with holiday cheer. Santa and his elf led the festivities in their usual manner. Epsilon Beach returns on February 3rd. Mark your calendars now and don't forget your bathing suits! On a lighter note - Stas in the winner's bracket? Tate maybe great, but where's his date? UNO MAS

- jam packed in Moonbase Alpha. 50 mph on the turbine. John Adams says, "I'm gonna get fined anyway!" The rocking warm dorm rocks on!

Zeta Psi

Brothers, howz ya hangovers. Yo'all should be just recovering from our annual Christmas Party. Ho Ho. It was good to see everyone either in the bag and/or having a good time. It was good to see the alumni around, old guys have a much lower tolerance, out of practice. Saint help up pretty damn good. I'd like to thank all the little people that helped me overcome my sobriety. Last week's scavenger hunt went well, I'd like to thank Prof. Beal and Prof. Reismiller for showing up, I'd also like to thank two unknown Becker girls, Cindy Richards whoever you are, 'skirda for dressing up in all his grandure, broken Rush cd's (memorial ceremony to follow), edible road kill but only if it's over 18 inches, but 5th graders get us every year, don't worry Nate the bondomobile will be up and running (no limping) in a few days. I'd also like to say hi the sewing circle, whose topics this week included brainy smurf, pappa and handy smurf, non-smurfettes, and bigwheels, GI Joes (the big ones with the vehicles no the japanese tv-created small ones), Evil Knevil jumpbikes, crashup derby, Lincoln logs, legos, erector sets and Tonka trucks. Pledges good work at the IFC auction, if it were not for you guys, I hear, the thing would have flopped. I'd like to thank Impell Corp. for not showing up for interviews, even though I woke up at 7:00 am yes thats a.m. as in the morning. Petee give in to the plastic, buy cd's. Joel likes to thank the Air Force. We won't call you Mucas Dung but we will call you 'Cus. Does anyone know where Peepin lives. Hey 'swirda, how does an orthogonality intergral apply to the time-space continuum. Chevy C. wasn't half bad, but the best line came from that kid in back, the one that said someone threw up and it's starting to stink. Ya know, with Nate, TJ and all the women that come around, they should write a soap about us (As the Stomache Turns or The Young and the Drunkness). Chris C. now that your out of the facist military world what are you going to do?...I'm goin' ta Disney World. I'd like to thank the Health Dept. for letting us free, but now every week we're gonna have the goons in our house. Lets put Petee on estrogen so he can have breasts like Joel. Skin if your gonna black out again keep your pants on, you could someone with that thing flappin' in the wind. This is the last one of this year, but if I'm lucky, I'll be back on here, same kak time same kak numba same service newspaper same editor oh well not everything can go the way I want it, but it is xmas. 'til next year, may all your holidays be devoid of Grinches and Heat Mizers; may most of your presents come in bottles or bills except the underwear from Aunt Bertha; may you all have rooms to go home to providing your parents didn't create the den they always when you left; may you all go skiing or sunbathing in a warm climate, but what ever you do or get have fun, 'cause C term blahs are around the corner. nuff said.

CLUB CORNER

Alpha Phi Omega

Hello brothers, what a successful week! Congratulations to the new officers first of all. Last week both caroling and bell ringing went great except for some tired residents. The bell bucket was almost full by the end of the day. John hope you're hungry!

I may hang around Worcester State girls but at least I don't fool around with married men, thank you!! Yes, now that I've had a few the egg nog carton really DOES look like a cow. My endorsement for court jester: NOT BILL, NOT BILL, NOT BILL! HO! HO! HO! Don't OWE OWE OWE! My Brother, Brother KB isn't here? Why? Sean, I'd really worry about you if you fooled around with married men (or do you?) That's it. Have a good break and a Merry Christmas!

Institute of Electrical and Electronic Engineers

Thursday's Brown Bag Lunch went off without a hitch. Prof. Levin enthusiastically went over the Computational Fields Lab and the work being done there by himself and several other professors, graduate and undergraduate students. A lot of possibilities for some MQP's or these in E+M Fields here! Speaking of possibilities, I'm getting done here this week. So if you're into writing and a little advertising, this is the JOB FOR YOU! It doesn't pay much, but it does give you a hand in running IEEE here at WPI. As an officer you'll decide what IEEE does here on campus. Please contact Chris Savina, WPI Box 306. I wish you all a Merry Christmas and a Successful New Year!!

*****P.S. WATCH FOR ELECTIONS EARLY IN C-TERM 1990 *****

LAGA

Thanks to all the members for making our last meeting of the term a very productive one. We wish everyone a restful break and happy holidays. C term looks like it will be busier than ever. Look forward to an interesting game of Scruples, along with a movie night or two. Long term plans for the rest of the year also include organizing a student/alum get together. Hope everyone will be dyke-ing the halls and donning the gay apparel....

Men's Glee Club

Ramblings from Nowhere. All right, so maybe they're from somewhere, but it's rambling none the less. Anyway, this is my first week writing these strange things, so what the heck. Basically, most of this is about the WPI Men's Glee Club, just so you're warned ahead of time. So, if you've read this far, I suppose that you'll read the rest, but of course that would be highly optimistic on my part. To the actual stuff. The Men's Glee Club is a large group of people such as myself, scary huh, who (suprisingly enough) SING! Shocking news I bet. We perform Concerts, Church services, we're even going to Spain this year on

tour. At the time that I'm writing this we're also preparing for our Vespers concert that's on Sunday, but at the time you are reading this it's over, so unless you went, you lost out. We also had a raffle, from which some people won some really cool prizes. I guess, but I don't know, for me it hasn't happened yet. Can you say printing delay? Run away, it's Mr. Rogers! Enough of that...Yes, we were selling raffle tickets in the Wedge, at one of those little tables that you always try to walk by real quick? Yeah, that was us last week. Well hey, I've babbled incoherently for too long, and since I've run out of things besides babbling, I'll leave you all in peace. By the way, have a good Christmas/Hannukah/VACATION. Later. -Bill

Society of Manufacturing Engineers

Alright! Prof. Brown - Mechanics of Skiing. Happy Happy Hour. What more could you ask for?? Let's hit the slopes. Things are cooling off for this term but there'll be much more coming your way in C90. On a sad note: This is my last article. But that means great opportunity is now open to you underclassmen and women. You can send a note to Van Wooley, WPI Box 1539, telling him how much YOU want to be on the Promotion Committee and that you really want to write in **Newspeak** for SME. I wish you all Happy Holidays!

HUNGRY?
THINK
ITALIAN
THINK
ANGELA'S
Function Room Available
257 Park Ave.
Worcester, Ma.
Open 4:00 - 10:30
Closed Mondays
Fri & Sat - 11:30

CLASSIFIEDS

JOBS IN ALASKA. Hiring men-women, summer/year round. CANNERIES, FISHING, LOGGING, TOURISM, CONSTRUCTION up to \$600 weekly, plus FREE room and board. CALL NOW! Call refundable. 1-206-736-0775, ext. 991H

SUMMER MANAGEMENT POSITIONS. An opportunity to earn great money and gain valuable business experience. Some experience in painting or carpentry helpful. No management experience required: extensive training period. Field supervision of ten to fifteen employees and manage marketing, estimating, and sales. Average earnings \$8,000 - 10,000 for the summer. Positions available in the greater Boston area. For more information call (617) 964-7020.

Easy Work! Excellent Pay! Assemble products at home. Call for information. 504-649-0670 Ext. 9595 open 7 days.

\$3000 Guaranteed! Last years summer managers averaged \$7500 in profit. Positions and territories filling quickly. For more information call 1-800-922-5579.

HELP WANTED - Sleep Lab Technician. Flexible night hours; paid training. Good experience in a medical environment. Contact Barry Trencher, University of Ma. Medical Center - Sleep Lab, 508-856-3802.

WANTED! Students to join the '89-90 Student Travel Services' Sales Team. Earn CASH and/or FREE Winter and Spring Break vacations. Travel with the best to our exciting ski and sun destinations. For more information call 1-800-648-4849.

Lonely? Need a Date? Meet that special someone today! Call DATETIME (405) 366-6335.

LOW RENT \$45 per week per student with 4 students. 2, 3, 4 bedroom apartments with gas heat and appliances. Near WPI campus. Available now to May 1990. Call Jim at 799-2728, 755-2996, or 842-6601.

On Campus Representative needed for Spring Break 90's Program. Bahamas, Cancun. Earn free vacation and \$. 1-800-448-2421.

I hate dumb skeezers

MC beaters

Drop five grand on my bird white leader

Part Two: ...and I want to thank you for making the last year the best one of my life. Love always, Jon. 12-7-88

Pathways, Pathways, Pathways - Still looking for artwork poetry and prose. Submit before Friday December 15.

Dave, we think you know what you did.

Holiday Greetings from the Lavendar Lounge, going out to all the hip cats.

Goto Lab, Dave

BDP, short for Boogie Down Productions, made a little noise because the crew was saying something

Yessss

Athletic Clothing (used) will be on sale in the Wedge; Tuesday, December 12 - 11:00 am - 1:30 pm

Deadline for Pathways submissions is December 15. Submit your poetry, pen

and ink artwork, and short stories today!

Mike D - I'm ready whenever you are - FB

Merry Christmas to Daniels fourth! (only the best floor of all the "Residence Halls"!)

Dear "Tour-minus-t"; Good job on the turk-etiology! Now, what of the French "dinde"? D'inde, from India? Bad geographers? Did your merchants spurn Hungary, naming it? What ogres! - The Schmoozophobe

WPI News Release - A molecule of hot water was detected on the 2nd floor of Founders Hall. Police investigating to find violating molecule. Administration is "looking at the situation."

WPI News Release - A female resident was treated for hypothermia when she took a shower at 7:30 am Monday. Water suddenly dropped to 10 K without warning. Student quoted as saying "It's cold." Administration "looking carefully at the situation."

AP - December 7 Record cases of hypothermia reported in Mass. found to be emanating from a dorm at WPI, Founders Hall. Says hospital official "Business is booming." Administration "looking at the situation."

WPI News Release - Typhoid, diphtheria and other communicable diseases have been rapidly spreading around Founders. No hot water to keep things clean. Administration is "considering the situation."

WPI News Release - Student Protest erupts as residents of Founders Hall refuse to take showers until hot water is fixed. Local residents are complaining about the stench. Police are powerless to do anything. Administration is "considering the situation."

WPI News Release - Admissions report applications from Mass. are down due to stench that is carried from the school when east-west wind blows. Protest continues at Founders. Record number of diphtheria cases reported.

AP - December 8 - Center for Disease (and Stench) Control are preparing to bomb a dorm in Worcester, Mass. with hot water and vaccines to eliminate situation of smell and disease. Quotes official "When you've got a national stench problem, you take it out at the source." Administration "looking at problem."

AP - December 9 Bombing of Worcester, Mass. dorm didn't work. Australians report smell when south-southeast wind blows. Center for Disease (and Stench) Control consulting with Air Force to lease B-52 bombers.

AP - December 8 Several undisclosed WPI administration personel were kidnapped by masked gunmen and thrown in to cold showers before being freed by police. No one has any clues as to why this was done. Administration can't understand why this would happen. No suspect at this time.

Become a WPI STUDENT AMBASSADOR! Visit your high school over term break and share your enthusiasm for WPI with prospective students. Information packets will be available in the Admissions Office after Tuesday, December 5th. Contact Anne Harris (831-5286) for more information.

Thank you WPI Glee Club! Especially

What's Happening?

Wednesday, December 13, 1989
8:00 pm - Video, "Big," Gompei's Place, Free.

Thursday, December 14, 1989
11:00 am - AIRG A Case-Based Approach to the Acquisition of Decomposition Knowledge. Bertrand Chen, WPI Computer Science Department, AK 232.

Friday, December 15, 1989
11:00 am - Computer Science Colloquium, A Fast Data Structure for the K-Dimensional Nearest Neighbor Problem, Chich-Cheng Yuan, WPI Computer Science Department, AK 233 and Load Indices for Load Sharing in Heterogeneous Distributed Systems, David Hatch, WPI Computer Science Department.

Newspeak will run classifieds free for all WPI students, faculty, and staff. Free classifieds are limited to six (6) lines. Ads of a commercial nature and ads longer than six lines must be paid for at the off campus/commercial rate of \$3.00 for the first six lines and 50 cents per additional line. Classified ads must be paid for in advance. No information which, in the opinion of the Newspeak editors, would identify an individual to the community will be printed in a personal ad. The editors reserve the right to refuse any ad deemed to be in bad taste or many ads from one group or individual on one subject. The deadline for ads is the Friday before publication. All classified ads must be on individual sheets of paper and must be accompanied by the writer's name, address and phone

Name _____ Phone _____
Address _____ Total Enclosed \$ _____
Allow only 30 characters per line

Tom, Mike Music, Steve, Cheerful Chad, Dave, Dazed Don. D + S, have you decorated yet? Fun-playing pool, quarters, limbo, car trouble, back rubs, dips. love Kelly + Danie - Wells.

B.O.W. Club: Candidate #6 rated 5.8. John Courage was dark, robust, fluffy, hearty, bitter, caligulous, and refreshing, and weak.

ACADEMIC SUCCESS WORKSHOP

A General Formula for Academic Success and Strategies for Improving Skills. Different topics will be presented each day including:

- Academic Motivation
- Time Management
- Note Taking
- Memory Skills
- Test Performance

January 9, 10, and 11 from 11:30 am - 12:30 pm, Fuller Labs, Room 320. (feel free to bring a bag lunch)

Conducted by James E. Groccia, Ed. D., Director, Counseling and Student Development Center.

Call 831-5540 to register.