by Mark Osborne, Alan Brightman, and Steven Brightman Newspeak Staff

The sound of white funk echoed off of the walls as Rick Berlin - The Movie brought their show of sound and sight to Gompei's last Saturday. Headed by Rick Berlin, with support from guitarist Steve Perry, vocalists Julie Woods and Nancy Adams, keyboardist Jane Balmond, drummer Mike Mangini, and bassist Tom Shepperd, The Movie gave the audience of 500 a performance of pure energy

Berlin, named independent label songwriter of the year at the Boston Music Awards, gives off an awesome amount of energy during the show. Both Woods' and Adams' add dimension to Berlin's more powerful vocals. All songs had varying amounts of synchronizedhand and body motions. Berlin notes that this was expertly choreographed by Barry Keating, Jody Pidge, and Carter Timmins.

Throughout the one and one-half hour set, the crowd remained on its feet, creating an energy level unmatched in recent memory. The Movie showed genuine appreciation for this, several times stating "You guys make it all worth it," and "Who needs beer?"

The Movie has enjoyed success in the Worcester area in recent months, performing in local clubs to enthusiastic crowds. However, despite considerable airplay on stations WBCN, WFNX, and WAAF, The Movie has yet to land a major recording contract. Picked up by producer Jim Steinman, (who has been involved with such other major recording stars as Meat Loaf and Karla DeVito) The Movie is being presented to three British recording labels and one in the U.S.

Rick Berlin's Rock 'N Roll Romance

The reason behind the band's lack of a record deal stems from fundamental difficulties with non-traditional music. In the US. radio airplay is largely determined by advertising revenues, which tends to "make the record companies the taste makers," added Woods. "It's a vicious circle of sameness." Said Ber-lin, "US marketing execs suck," referring to the policy of not awarding recording contracts to musicians outside of the mainstream.

In England, however, advertising plays much less of a role, and the population is much more open to newer forms of music. This will, hopefully, enable The Movie to succeed. Once they have a following in England, US fans will follow suit, if all goes well. "The U.S. blew it with us," added Perry.

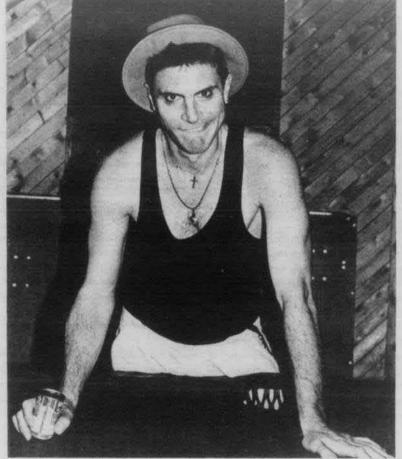
The Movie has also produced a video for the song "People Live." Filmed in Boston, "a major potion of the video's profits" serve as a fund-raiser for the homeless. Over \$120,900 of volunteer time was donated for the project.

Another movie, a documentary, was shot at the Channel club using six cameras. "It's a movie about The Movie," added Berlin.

Now available are a cassette recording (\$10) of The Movie's music, and the video People Live (\$15).

Opening act Fields Erikson played a short, but well-balanced set. Plagued by mixing problems, the band managed to get the crowd into the proper mood. Combining original vocal and instrumental songs with popular covers, Fields demonstrated both versatility and skill, notable assets with any college band.

Be on the lookout for them in '88 Battle of the Bands.



NEWSPEAK STAFF PHOTO/MARK OSBORNE

Rick Berlin clowns around backstage Saturday

The student newspaper of Worcester Polytechnic Institute

Volume 15, Number 17

Tuesday September 22, 1987

Campus Construction Projects

by Thomas Tessier Newspeak Staff

Many changes have recently occurred to improve WPI. Many of these enhancements are easily noticed around the campus. The newly installed handicapped entrances in front of Daniels Hall and on the Quadrangle, as well as repainted walls in Daniels Hall added a more modern look to WPI. Also noticeable is the construction that is being done around Higgins Laboratories and across West Street. All of these campus projects and more are either done or being done this year, by Plant Services.

In a discussion with Roger Fournier, Associate Director of the Physical Plant, he said that the major project being done now is the installing of underground conduits. There will be two sets of conduits which will be placed side by side or one above the other depending upon where space is available necessary. One of the sets will house communication cables for a new telephone system, alarms, and computers while the other will hold electrical cables to carry high voltages for future electrical distribution needs. The conduits path starts behind Higgins Laboratories, across West Street, through the alley between Boynton Hall and Washburn Shops and down the service road to Atwater Kent Laboratories. A series of man

holes will be placed at key positions so access to the cables will be easy. This entire project was planned last spring, and the needed materials were ordered. Both Roger Fournier and John Miller, Vice President for Physical Plant, worked out the designs and planned the route of the conduits. They contracted on June 30, 1987, Coghlin Electric to perform the construction. Coghlin Electric, in turn, sub-contracted S.J. Virgilio to do the actual digging Commencement and Orientation periods, Plant Services hopes to see the project completed in late October to early November with a final repaying of the area. Roger Fournier notes, "This project was just too large to be handled in only the summer months," and as a result it was carried into the school year. While West Street was being torn up, Worcester Police were paid by WPI to redirect traffic around the construction site. Partial funding for this project came through a grant by the Health and Educational Facilities Authority(HEFA) which was to be repaid over a long term with low interest. As of right now, the cost of digging is estimated to be between two hundred to two hundred and fifty thousand (continued on page 4)



NEWSPEAK STAFF PHOTO/KAREN VALENTINE

and repaving. While the actual digging did not begin until the beginning of July due to the

Plans for Alden Hall Renovations Moving Ahead

by Stuart Pearson

Last November the Executive Council Subcommittee on Alden Hall released plans for renovating the interior of Alden Hall. The renovations, part of WPI's "Campaign for Excellence," would provide office space and classrooms for the department of humanities, freeing up Salisbury Laboratories for the Biology department. At that time the plans were preliminary and depended on available funding. It now appears that the plans are ready to

According to an article in Quest, which contains news of the "Campaign for Excellence," the George I. Alden Trust recently pledged \$1.6 million for development of a new center for the humanities department. According to John Miller, Director of the office of Physical Planning and Plant Services, this money will be used toward completing the first phase of the renovations on Alden Hall. The second phase is still on hold pending further funding for the project.

The first phase will consist of renovating the lower level of Alden Hall. The lower level, which currently contains several music rooms and the Janet Earle Room, will be developed as office space for the department of humaities. As part of these renovations, this lower level will be extended along the east side of the building flush with the entrance on West

Under the current plans, the second phase of

renovations will consist of changes made to the main hall. A 176 seat theater with tiered seating will be built in front of the current stage. Theareas behind this theater, will be developed as two floors, the first containing a conference room and two 100 seat classrooms with a moveable partition between them. The second floor will have a lobby, a recital hall, and a couple of conference rooms. Also included in the plans are a projection room on the third floor above the lobby as well as an elevator, stairways, and improved entrances for better access to the building

At this point plans are still preliminary. The pledge from the George I. Alden trust provides the necessary funding to proceed with making more definite plans for the renovations. It is expected that sometime this fall school officials will meet to choose an architectural firm to draw up final plans. A date of when the renovations might begin has not yet been established. Until further funds, estimated at \$2 million, are received the second phase of renovations will not proceed.

With the proposed changes to the interior of alden hall, it is hoped to provide a quality place for the humanities department. An important component of the planning is to provide WPI students with first-class facilities for programs in music, drama, and the performing arts. A large effort is also being made to retain the distinctive architecture of Alden Hall as one of the historic buildings on WPI's campus.

CAP Proposes 15 Unit Rule

by Jeffrey S. Goldmeer Associate Editor

This past week, the Committee on Academic Policy proposed a 15 unit requirement for graduation. If this proposal is approved by the faculty during the October Faculty meeting it would not effect any student presently attending WPI.

The proposal states that for any student entering WPI after April 1988, the number of units required for the receipt of a bachelor's degree be increased to 15. For most students (with the exception of Chemical Engineering majors who must already take 15 units) this extra unit will be accomplished by 'free electives

The term 'free elective' means just that; students may take any course that they wish to fill this requirement. Though some departments would prefer that students use these extra courses to take advanced classes in their majors, it is not mandatory.

This proposal was made for a number of reasons, but one of the major reasons is that presently WPI requires only a minimum of 3 1/ 2 years of study. This means that a student could graduate from WPI (a four year institute) with 3 1/2 years worth of education. For many, the last 1/2 year, is an important one, in which students should be taking more advanced courses to prepare themselves for working in industry; not leaving early without that experi-

Previous to making this proposal, CAP spent considerable time discussing the issue (D Term) last year. The committee invited nu-

(continued on page 4)

Construction is taking place on West Street in front of Higgins Laboratories

EDITORIAL

Read the Fine Print

Last Thursday many workstudy students were not paid for their hours for the first pay period. All of these students will receive two checks on the next payday, October 24. Some students have taken the view that they have been treated unfairly, but this may not be the case. There are several reasons why this happened last week, and they all are part of the problem that led to the payroll department not having time.

Three sets of forms must be filled out before timecards can be authorized for workstudy studnets. Each department has an authorization form for students. Financial aid forms must be filled out and an amount of maximum earnings is to be listed. Tax forms must also be filled out. The payroll department then sorts through the forms and assigns each workstudy student and employee number before any payments can be processed. If one of these three links is slow, payment is definitely subject to being delayed.

About 500 students needed to be processed for payment this year. This means that 1500 forms are filled out by students. And then the payroll department continues to fill out more forms.

This process takes place in the beginning of A-Termand payment may be heldback even if a student was working for the same department the previous year or during the summer. Different account numbers are used for the summer months which requires that even summer employees need to fill out all the forms.

The workstudy program is partially funded by the federal government and requires more forms for WPI to fill out, thus adding to the paperwork.

Students have a valid complaint that money is needed, especially at the begining of a term, to buy books and other materials but the Finalcial Aid Department states specifically that students may recieve their checks at a delayed date due to the large amounts of paperwork to be processed. This is stated with the form that the Financial Aid Department supplies for the students to fill out. Before complaining about unfair practices everybody should read the fine print, fair warning was given.

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 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.

<u>Newspeak</u>

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

> editor-in-chief Jim Webb

news/features editor

faculty advisor

circulation manager

Mark Osborne

Thomas Kiel

Tim DeSantis

1111 5000 110

photography editor

business/ advertising editor

graphics editor

Chris Pater

Alan Brightman

Stephen Nelson

editor-at-large

associate editors

sports editor Helen Webb

Jon Waples

Jeff Goldmeer Noah Forden

STAFF

Mike Barone Lars Beattle Paul Blakely Steve Brightman

Jim Calarese

K. Christdoulides

Athena Demetry Andrew Ferreira Brian Freeman Burleigh Hutchins Elaine Motyka Anthony Pechulis

Rob Sims

Mike Slocik Joshua Smith Thomas Tessier J.P. Trevisani Karen Valentine Bob Vezis

WPI Newspeak of Worcester Polytechnic Institute, formerly the Tech News, has been published weekly during the academic year, except during college vacations, since 1909. Letters to the editor must be signed and contain a telephone number for verification. WPI Newspeak subscribes to the Collegiate Press Service. Editorial and business offices are located in Room 01, Sanford Riley Hall at WPI. Copy deadline is noon on the Friday preceding publication. Typesetting is done by Typesetting Services, Providence, RI. Printing is done by Saltus Press. First Class postage paid at Worcester, Massachusetts. Subscription rate is \$18.00 per school year, single copies 75 cents within the continental United States. Make all checks payable to WPI Newspeak.

LETTERS

There are Proper Channels...

To the Editor:

One person's opinion, no matter how strong, may not represent the opinions of others. This was the case with the September 9 Newspeak printing of one student's experience with the graduate program at WPI.

The following letter is not meant to offer an agreeing or an opposing opinion. It is intended to give information to graduate students as to the proper channels to be utilized if they have problems or concerns with the graduate student life at WPL.

The Graduate Student Organization (GSO) believes it has established the means for resolving issues of this nature and we would like to take this opportunity to explain the proper procedures.

The GSO Constitution and By-Laws, and the Graduate Student Rights and Responsibilities at WPI (available at the office of Graduate Studies and Research), were established when the GSO was formed. In ARTICLE 1, Section 1.3.4, of the Graduate Student Rights and Responsibilities document, it states,

"Students who believe for any reason that they have been treatedimproperly are encouraged to raise their concerns. When possible, concerns relating to academic or work situations shouldbe raised directly with the professors, instructors, advisors, work supervisors, or other students involved. If the problem remains unresolved or if direct discussion is not possible, thestudent should attempt to follow the guidelines or procedures available within his or her department and seek assistance from the GSO. If resolution or discussion within the department is not possible, the student is encouraged to seek assistance from the Dean of Graduate Studies. At any time, a student may request that discussions be confidential. Individuals will not be reprimanded or discriminated against for voicing a concern."

It has been the experience of the GSO that in following the aforementioned guidelines, a number of genuine student concerns have been resolved. The GSO is currently addressing the concerns, expressed in the September 9 letter of Newspeak, under the guidelines outlined above. Although personal effort is vital, it must be realized that some issues can not be handled individually but require the support of others to address and resolve them.

The GSO believes that all graduate students want to enhance the quality of WPI's graduate program. With this goal in mind, the GSO was formed with the purpose of unifying the graduate student body, ultimately resulting in the enrichment of the graduate student experience on this campus.

The Policy Committee of the Graduate Student Organization

COMMENTARY

My View from the Fourth Year The Joshua Smith Report

by Joshua Smith

"A mind is a terrible thing to waste." Does that mean that minds are terrible things that should be wasted? Judging from what I've been reading lately, it appears that the administration is accusing the freshmen of thinking so. Or, more accurately, the administration thinks that it is responible for the freshmen thinking so. First it was the Garvin report + you know, that pre-study done by a bunch of administrators and pseudo-administrators which determined (like all pre-studies determine) that further study was necessary. I read the synopsis in Newspeak, and decided that the report itself was worth reading (believe me, the report isn't nearly as bad as the article made it sound; not to say that it is any good, but it did read more like a real study than the article implied). At first it seemed strange to me that the administration would want such a study, since every failed class means one more retaken classes, which translates to more money; but then I realized that if students fail too many classes, they drop out, which results in significantly more lost revenue. So I guess such a study might be expected. One funny thing about the study was that the conclusions of which they seemed most sure were the ones which were purely conjecture. I suppose that's because the none of the empirical evidence suggested much of anything. It wouldn't, of course; if it had, somebody college president would have solved the problem of freshman failure a long time ago. I suppose such a study had do be done, though. I read in last week's paper that last year's "average" freshman failed 4 of his 12 first classes. Now I realize that averages are not a good measure when you're evaluating human subjects, but come on, 4 out of 12? That's terrible. The reason that an administrative study seemed so strange to me is simple: student achievement is the responsibility of the faculty. Adminstrators don't know acadmia. Of course, the administration couldn't have had faculty members do the study -- the faculty wouldn't have released it if they hadn't found anything. And what use is doing a study which will never be released? I'm certain that if the faculty had done the

study, they would have focused on esoteric things like teaching and learning - they probably wouldn't have thought of checking how many of the failing students live in crowded rooms. The administration needs quick fixes. No, a faculty study would have missed the point altogether. I didn't see any mention of freshman success rates at other schools in the study. That's uncharacteristic of the WPI administration, "The Great Immitator." Is our freshman success rate typical? Is there something inherent in the academic system, which makes success less likely? There was no mention of academic support systems, or the like; only things like "academic advisors should recieve class cards" (the last thing the faculty need are more class cards, they don't know what to do with the ones they get now). I understand that the student counselling center offers some training in material retention and study habits; why didn't the study mention that? Did any of the failing students attend those sessions? Do those sessions have any impact on student success? Who knows. Administrators wouldn't think to check. It's time the administration faces the facts; there are no quick fixes to student academic problems. Academic achievement is a purely personal thing. Just because your roommate fails, doesn't mean you will (the study seemed to conclude that this must be the case, although their evidence didn't even suggest it). If you want students to get better grades, you have to teach them better. Sometimes, you have to teach them to learn better. If that means making academic support available, or reducing class sizes, or even training the worst professors to be better, then that's what you have to do. You simply can't solve academic problems with administrative changes. I am aware of how negative this sounds. It's not that I think freshman failures can't be avoided; I just think that the administration is not the right group for the job. Administrators think administratively; academians think academically. If Dean Grogan wants students to do better in classes, he should ask the professors what can

AD RATES

NEWSPEAK has raised their ad rates for both on and off campus ads. The new on campus rates are:

1/8 PAGE: 1/4 PAGE: \$20

1/2 PAGE:

\$80

FULL PAGE: \$160

Discounts are available for camera-ready or typeset ads.

For further information about our advertisement rates, call the **Newspeak** office at 793-5464.

COMMENTARY

Illuminati Central

Paranoia

by Michael Wrobleski

Paranoia (par/a.noi/a) a tendency on the part of individuals or of groups towards suspiciousness and distrustfullness of others...and one of the healthiest emotions in the universe.(Arkam Interdimensional Dictionary and Occult Cookbook Copyright 1955)

A warm welcome to the mystical, the knowledgable, the seeking and the simply wierd; for this is Illuminati Central. Each week we hope to shed a little light on some of the darker corners of this bizarre planet. We'll find Schrodinger's cat, we'll rap with the Evil One, we'll ouija for megabucks numbers, we'll maybe even find out what the hell Illuminati

As you can see from the definition above. this weeks introductory segment centers around the emotion of paranoia. Paranoia is the driving force of 'the Central.' The problem with most people is that they see paranoia as

something bad when in reality it is one of the best emotions you can have...if you want to stay alive, that is.

Have you ever had an experience after which you were left with the belief that you really had no idea what the hell was going on in the world? In other words you feld the uncomfortable feeling of paranoia. Of course, after weeks of psychotherapy (Illuminati brainwashing) you "realize" that it was silly. You're fooled into believeing that you're alone in your beliefs and you think that you're maybe a bit wierd.

Now, let one thing be understood, you are wierd but you are not alone. There are a lot of paranoid lunatics just like you. And that's what our job is here at Illuminati Central. We show that you're not alone in your paranoia. After reading this week after week you'll realize not that you're silly for feeling paranoid but that you're insane for not feeling more paranoid. We help you feel at ease feeling para-

Okay by now you're thinking "Illuminati Central is just another mystical, supernatural, paradimensional, conspiratorial, weekly news feature." Well you're right, but it's also a little more than that. Illuminati Central is a survival guide to the Universe, a sort of Dear Abby for the paranoid.

Weekly along with the feature article there will be a letters section, where the stuff here at 'the Central' will answer letters from you. All things are possible. Ask a question, share an experience, (help write my feature), even criticize an article (all critics however are potential subjects for future articles..."Hey I coulda swore he was one of the Castrators of Russia.")

Of course as with all Newspeak mail you must include your name, box #, telephone #, and next of kin. Address all mail:

Illuminati Central c/o Newspeak, Box

2700.

And now...the commercial.

Did you ever feel just a bit suspicious of the baggage boy wearing the strange smile that says "I know something you don't?"

Did you ever wonder if there was more to Life the Universe and Everything that what you were being told?

Did you ever wonder about the intercon-

nectedness of all things?

Did you wonder that everything in history books, in newspapers and on TV news was nothing more than bullshit?

Did you ever wonder who's really controlling things?

Did you ever wonder who he is, what he eats, and where he shops?

In other words did you ever feel a bit para-

If you answered yes to any of the above questions, read Illuminati Central every week in Newspeak or wonder why everyone else is

by Brian Freeman

by Carlos M. Allende



It was that trind of grey, September day when one realized that on back of all their tapes was Paul Simons Graceland

findham Hill things. Graceland Cleveland Concerto Grace land

Contraceptives

.... When Elizabeth Taylor's new marriage was forgotten, but the Pope was still in Texas

... Long after "Andy Warhol's death and the Harmonic the new 1988 car models. ... does next week's

storey take place.

Pulsar Worcester, 3=20 AM. The are dark and silent

For a moment, night becomes day

with the approach of this citie's newest hero ...





His true name is Derek Michaels, but he is better known to the populace as Pulsar, anonymous defender of their city. 617 BURKE





Not bads Kid. Now to wait for the blue knights to come, and. store, ch. EL?

Photokinetically augmented speed catupalts him over the car and into battle!

(Kx-9)











As our hero walks an pondering his measuring who knows

...Construction

continued from page I

dollars

Roger Fournier mentions that, "We [Plant Services] have about sixty projects planned for this year." One of which was the changing of curbs to allow easier entrance of handicapped students and handicapped family members of students. Four such ramps were put on the campus of WPI, while six others were put on city streets and had to be approved by the city of Worcester.

Another of the planned projects is called DSIPL lab which is planned to be a semiconducting processing laboratory in Atwater Kent. This project is expected to ready for C term and costs approximately one hundred thousand dollars.

Alden Memorial Hall was recently repointed this year on the back, front, and the tower while the two sides were done last year. The total cost accrued to be about two hundred and fifty dollars over the two year period.

Another parking lot is scheduled to be created near Founders Hall off of Boynton Street. The materials have been put on order and construction will begin in the spring. Plant Services also modified Mike Membrino's room in Founders Hall by taking out the bathtub and installing a shower that would accommodate a wheel chair. A special desk, bed, and phone was needed to allow Mike easier access.

This summer twenty-five thousand dollars was spent on repainting doors, walls, and anywhere a fresh look was needed. The electrical distribution system throughout WPI was tested and a plan is being considered to upgrade the system.

A new water line was put in for the showers in Morgan Hall this year. The missing ceiling panels of the Wedge are necessary for the installation of a steam line pipe which is being rerouted because it is leaking underground outside the building.

Next month, a new fire alarm will be installed in Daniels which will consist of smoke and heat detectors in each room to insure students' safety. With all of these changes happenning for the betterment of WPI, it is important to remember the importance of Plant Services on campus.

...CAP

continued from page 1

merous people to attend committee meetings to find out their opinions on this matter. This group included members of ofther faculty committees, department program review chairpersons, and members of student governFor those who any questions or comments about this proposal, CAP will hold an informational session on October 1, at 4:30 p.m. in Salisbury Labs 104. Students may address questions or comments to the student members of the committe: Brett Pauer (box 2489) or Jeffrey Goldmeer (box 2246).

C.A.P. 15 Unit Rule Proposal

For students who matriculate after April 30, 1988, the minimum academic credit required for the Bachelor of Science Degree is 15 units. Credit accumulated beyond the published Distribuation Requirements shall be accomplished by the addition of 'free elective' work.

Ex-CIA Official John Stockwell to Speak Monday

"The CIA poses the ultimate threat to democracy, and is a major cause of the world's move toward nuclear extinction," charges John Stockwell, who will speak in Alden Hall, Monday, Sept. 28th at 8:00.

Mr. Stockwell's bold claims come from experience. He joined the Central Intelligence Agency in 1964, serving as a case officer in Vietnam, Chief of Station in Africa, and at the top-secret National Security Council. In 1977, Mr. Stockwell quit in anger over the growing

list of 'dirty tricks' engaged in by the Agency.
Mr. Stockwell's lecture is entitled, "The
Secret Wars of the CIA," is a riveting story of
how the CIA actually seeks to increase global
tension by supporting military dictatorships
and 'picking fights' in the Third World. Mr.
Stockwell tells us firsthand of his own CIA
career—partly heroic, partly disillusioning—
and his eventual decision to become the CIA's
most severe critic.

"For the good of the US and the world, the CIA should be dismantled," Stockwell asserts. He has appeared on CBS' 60 Minutes, NBC

He has appeared on CBS' 60 Minutes, NBC Magazine and in several documentary films. The CIA has sued Mr. Stockwell and impounded the profits from his best selling book, In Search of Enemies which analyzes the CIA's covert actions in Angola. Recently John Stockwell has been in Nicaragua researching the current situation in that country and trying to alert the American people about the crisis.

Why is the United States pouring arms and money into El Salvador? Why do we prop up military dicatatorships from Asia to South America? What should the US policy be in the Third World? Stockwell addresses these questions from the perspective of a man who cared deeply enough to fight for his country, and deeply enough to speak out against its sins.

Admission is free to this Soccomm Spectrum sponsored event.

IQP Insights...

by Robert A. Petrin

One of the unique aspects of the WPI education that distinguishes it from among a slew of other technical institutions is that it devotes particular attention to undergraduate project work. These projects are designed to encourage students to explore their interests, skills, and limitations. The IQP in particular can present some interesting challenges to Tech students as its intent is twofold. The first purpose of the project is to allow students to recognize the social impact of their technology and ideas. This philosophy is based on the premise that no effort in science or engineering is ever far removed from having some effects on society. Secondly, students are often required to apply their problem solving ability to a situation or dilemma outside of their major field of study. The aspiration of the IQP is that students emerging from this type of project environment will be more socially conscious. Since the IQP topic is chosen by the student to become part of his undergraduate education, he or she really has a good deal of control over how fulfilling or balanced this project influence can be.

In order to secure an IQP opportunity that interests them, it is important that sophomores, and even freshmen begin familiarizing themselves with various IQP's being offered through WPI. Josalyn Smith, WPI's new Projects Administrator, explained, "with these new distribution requirements, students will have a harder time scheduling in all of their required courses, making their schedules less free for project work. Now, more so than ever, it is important that students begin thinking early about IQP's."

A first step for students wanting to find out about some of WPI's structured IQP opportunities would be to attend the Special Opportunities Day presentations on November 5. Project site directors will be speaking in AK 116 at 4:30 PM to introduce their project centers. Students looking for IQP's or MQP's will then have the opportunity to meet with these directors to ascertain more details of particular project programs. In many cases the application process for some of the more selective projects begins only shortly afterward as students chosen for the different centers are notified just before Christmas. Some of the off-campus IQP opportunities available to students are the Washington D.C. and London Project Centers and the Center for Municipal Studies. These project centers attract large pools of applicants. They also require an extra commitment on the part of the student in the form of a preliminary project report which is to be completed before work at the agency begins.

The Washington Project Center selects two groups of eighteen students each year to work on a research topic with government agencies in the nation's capital. The WPC has enjoyed repeated success since its opening in 1974. Past project work has ranged from various feasibility studies to such topics as hazardous waste cite funding and management and to education in less developed countries.

The London Project Center is one of WPI's newest off-campus centers. Students selected to do a project in London work in situations similar to those working in Washington. Five three member project teams define and work on a problem present by a government agency in England. Last years project teams worked on projects provided by United Kingdom Patent Office, The Institute of Electrical Engineers and the Worshipful Company of Scientific Instrument Makers.

The Center for Municipal Studies was established last year for students who are interested in completing an IQP at local city or local town hall cites in Massachusetts. The CMS projects provide first hand experience with the operations of local level government agencies and offices. These projects cover a wide range of topics as well, including municipal finance, water and environment resource management, and public safety studies.

These are only a few of the options open to students looking foran IQP topic. Many faculty members advise projects of a nature particular to their own interests or work, as do many other off-campus companies and agencies. To get a feel for the type of work done on IQP's in the past, students can pick up a copy of Interactions from the projects office. This WPI publication provides titles and abstracts of recent IQP's as well as the names of advising members of the faculty.

This column is intended to provide students with some insight into what types of project work is taking place on and off campus. It will provide synopses and background to successful and interesting projects that demonstrate the effectiveness and flexibility of the WPI educational program.

Focal Point Of New Beginnings...

by Jeffrey S. Goldmeer Associate Editor

Welcome to the class of 1991, and to those returning from summer vacation. My name is Jeff Goldmeer, and I am a junior Mechanical Engineering Major. I have been writing for Newspeak since my freshman year. This year, I have decided to try something different. This column is the result of thisde-

Focal Point is not a regular commentary column, nor is it a recount of the campus news; its purpose is to look at issues that are important in today's society, and that have some impact on the WPI community.

This column will not rely on the opinions

of one, but theopinions of many, and in a number of cases, with the professional judgdement of members of the WPI community. The topics that will be discussed will have importance not anly tostudents, but to all members of the WPI community.

Topics that will appear in future issues of NEWSPEAK are:

software piracy, WPI's financial status, and career vs. family.

As appropriate with a column of this nature, all comments, criticisms, and topic suggestions are welcome; please send these to Newspeak, box 2700, or if you wish, to me via the DEC (my account name is JGOLDMEER).

DRY CLEANING

10% Student Discount Present Your School I.D.

- * Specialists in R.O.T.C. Uniforms
- * Next Day Service
- * Reasonable Rates
- * Formal Wear Rentals & Sales

AL VUONA'S 540 Main Street Worcester, Mass.

agest seconds or statest recovery 799-2749, even did to compare da pour conservation

Horne & Hastings



INSTITUTE ROAD

Exceptional 7 room Dutch Colonial. 3 bedrooms, 1 1/2 baths.

First floor familyroom, hardwood floors, new exterior paint. Magnet school. 2-car garage. Desirable area, 1930 s.f. living space.

\$139,900. Call Shirley Newell at Horne & Hastings, 756-5761.

solphers from parties are relatively of the

SPORTS

Volleyball Team Nets Victories

by Helen Webb Sports Editor

Victories over Coast Guard and Stonehill last Saturday raised the volleyball team's record to 5-2. WPI beat Coast Guard in two games, with scores of 15-9 and 16-14. Stonehill also fell easily, loosing 15-13 (too close a score for comfort, according to WPI Head Coach Nancy Vaskas) and 15-11.

The volleyball team began the season September 12-13 at the Haverford Invitational Tournament in Pennsylvania. WPI did well in the 20-team competition. In the first pool WPI was placed in, the Engineers defeated teams from Marywood (Pennsylvania) with scores of 9-15, 15-10, and 15-6. The Engineers then defeated Allentown soundly 15-6, 15-7, before loosing to Western Maryland. WPI finished second in the pool.

The following day, WPI entered a new pool and defeated Keene State 15-4 and 15-10, to bring the Engineer's record for the tournament to 3-1. A loss to Messiah set WPI's record at 3-2

The team's next home competition is Saturday, September 26, against Tufts and Amherst at 2:00 pm in Harrington Auditorium.



NEWSPEAK STAFF PHOTO / ATHENA DEMETRY
WPI Sophomore Stacey Cotton jams the
ball over the net.

Harrington Auditorium. ball over the net.

Soccer Team Continues Winless Streak

by Herman Purut

Three games into the 1987 season, the WPI soccer team's record stands at 0-2-1.

Against Lowell last Tuesday, even the overtime period brought no Engineer scoring, and the final score stood at 0-0.

The Engineers were quick to take control of the game and began pressuring the Lowell goal; however, the Lowell defense was able to withstand the attack. The shots of Doug Perham, Rich Tucci and Ed Holmes were stopped by the Lowell goalkeeper, who seemed to be having the best game of his life. A few Lowell attacks were halted by the Engineer's defense.

The pressure at the Lowell end of the field continued throughout the second half, but to no avail.

With the start of the overtime period, WPI began shelling the Lowell goal, but, as if the ball and the Lowell net were of the same polarity, they never met. At game's end, the score stood at 0-0.

After Tuesday's tie, the team took on

Wesleyan in Connecticut on Saturday. The rain made the ball and the field slippery, making ball-handling very difficult. Both teams had several opportunities to score, but it was Wesleyan who capitalized first. Thirty minutes into the game, the referee called a foul against WPI just inside the penalty box. In the confusion of setting up a wall, a quick shot caught the whole team by surprise and got Wesleyan up 1-0.

After the goal, both teams again began to challenge each other's defense. With three minutes left in the first half, WPI was pressuring the Wesleyan goal. While the whole team was up, Wesleyan managed to get a breakaway and scored, making the score 2-0.

The beginning of the second half brought another goal, the result of a free-kick for Wesleyan. WPI answered with a goal from Ed Holmes, who was assisted by Doug Darby. The final score was set at 3-1.

The team is looking for victories in the upcoming games, to forget the early season losses and begin the winning season their potential warrants.

Women's Crew: Is Fifty the Magic Number?

The WPI Women's Crew Team now consists of fifty members, including twenty-seven freshmen/novices who signed up at the Activities Fair. The team, which in the past lacked the depth necessary to perform well against the other crews in regattas, is looking good. Although at a disadvantage last spring, both the Varsity and Novice boats captured the City Championship. With the increased number of members this season, the Varsity boats, under the direction of their coach, Forrest Brewer, will be able to perform at their highest capabilities. The novice rowers will learn quickly and correctly the styles and techniques necessary to

perform well, under the direction of the new Novice coach, Liz Miles, and her assistant, Nancy CLark.

The WPI Women's Crew Team thanks all involved in DAKA for their patience and over-time while keeping the cafeteria open past dinner for athletes. It isappreciated. Also, thanks are extended to Dave, the head of the snack bar, for all he's done for the team in the past and present.

The crew team's first race, the Textiles Rever Regatta is on the Merrimack River in Lowell on October 4. All spectators are welcome, and support from the school is always appreciated.

Football Team Defeats Colby

Colby was more of a challenge to the Engineers than Lowell was in the season opener, but WPI equal to the task, winning 24-15 in last Saturday's game at Colby.

WPI dominated the entire game, due, in part, to the rushing of running back Joe Uglevich. Uglevich, substituting for the injured Mike Bucci, scored two touchdowns in the first half, giving the Engineers a 14-2 lead at the half. The Engineers increased their lead to 21-2 during

the first play of the third quarter with a 63-yard pass from quarterback Greg Whitney to Evan Elkington.

Colby scored two touchdowns late in the game, but were unable to catch the Engineers.

The Engineers hope to up their record against Coast Guard next Saturday at 1:30 pm in an away game close enough for fan road trips. Saturday, October 3, the Engineers return to Alumni Field to take on Tufts.

Better than the field...



PHOTO BY BOB STANDLE

Clark and Worcester State compete in the first game of the City Field Hockey Tournament. WPI beat Anna Maria in the following game, 5-0.

WPI Inducts Nine into Athletic Hall of Fame

(WPI News Service) - WPI inducted nine individuals into its Athletic Hall of Fame on Saturday, September 12 at 6:45 pm. A banquet to honor the inductees was held in Founders

The 1987 inductees are:

Roy Bourgault, a member of the class of 1942 and professor emeritus of mechanical engineering. He is the unsung hero of WPI football, giving his time, talent, and enthusiasm for thirty years. As the official team photographer, he has spent countless hours, both on- and off-season, filming each football game and scrimmage.

In 1977, he assisted in the effort to save WPI football as it faced a possible demise after 90 seasons of action. Because of his advising and influence, more than 1400 students showed up on a snowy day to support the program. For 25 years Bourgault also officiated shot and discus events for WPI track meets.

His commitment to WPI athletics is far reaching. As a student, Bourgault was on the swimming team. In 1974, as a faculty member, he served as secretary to the WPI Trustees Committee on Athletics. He was elected to two three-year terms as secretary to the WPI faculty and was elected to Skull, the senior honor society in 1976.

Suzanne Call, a member of the class of 1981. The youngest inductee into the Hall of Fame, she is considered one of the greatest athletes ever to represent WPI. Her amazing athletic talents and unrelenting personal drive helped make her an All-American swimmer in 10 events, earning the Coaches Award in 1978 and leading WPI to many victories during her athletic career.

Known to her teammates as "perpetual motion," she was a three-letter winner. Though she sat out a season to complete her academic project work, she was one of the most prolific swimmers in WPI history. Seven individual events still bear her name, as do two records in relays. When she graduated in 1981, only seven swimmers in WPI's history had earned more points.

She was inducted into Tau Beta Pi and Phi Lambda Upsilon honor societies, and was also a recipient of the freshman Skull award. She served on the Athletic Council, worked for the Student Alumni Services, and was elected president of the WPI chapter of the American Institute of Chemical Engineers.

Now pursuing her master's degree in Chemical Engineering at UCLA, Suzanne competes in the grueling competition of the triathelon.

As a student at WPI, Richard Converse, a member of the class of 1928, participated in five different sports. A stand-out on the football and track teams, his dedication and enthusiasm earned him letters in both sports and the honor of being the only freshman elected to the WPI Athletic Association. Converse also earned letters in baseball for his performance at third base, and his outstanding athletic performance as a freshman merited his winning the Skull trophy.

Perhaps best remembered for consistent long-yardage returns on the gridiron, he was named to the Boston Herald's first All-New England team in 1925. As a senior, he cocaptained the Engineers with classmate Joe Guidi. Together, they were known as "The Tech Twins." The nickname came about because both excelled in the backfield, usually matching each other in amazing long-yardage returns. The Boston Herald lauded Converse as "undoubtedly the best back in the group," adding that his achievements ranked him "beyond all question with the best of them."

Converse is being honored posthumously.

Carmen Della Vecchia, a member of the class of 1967. He established himself as one of the premier linemen in New England while playing for WPI. In four years on the football team, he played in a starting position each year and did not miss one game.

His relentless desire and enormous effort played a major role in controlling the line of scrimmage. Looked upon as a leader by his teammates, Della Vecchia was elected defensive captain in 1965 and co-captain in 1966.

Della Vecchia also distinguished himself as a member of the wrestling team in the winter of 1967 and, for three years, as a competitor in

As an undergraduate he was an active

member of Phi Kappa Theta fraternity, the Newman Club, the Varsity Club and the staff of the "Tech News." He was also a charter member of Alpha Phi Omega, an international service fraternity.

Joseph "Pep" Guidi, a member of the class of 1928, is being honored posthumously. He participated in four sports and lettered in football, track and baseball. With classmate Richard Converse, he was known as one of "The Tech Twins."

Guidi's efforts behind the plate, and his great speed rounding the bases, made a considerable contribution to the baseball team. As a senior her was named captain. His prowess in sprints made the difference between winning and loosing a track meet on several occasions.

For three decades, Alan King has been a driving force in men's soccer at WPI. He has dedicated his time, energy and enthusiasm to make the Engineers a force to contend with. Compiling an impressive 199-131-29 record, King is looking forward to achieving a milestone 200th victory as he begins his 31st season. He has coached the WPI soccer team in seven NCAA Division III regional playoffs and spurred four teams to New England Intercollegiate Soccer League (NEISL) championships.

Before he came to WPI, King had a long career in professional soccer - a career that spanned 25 years and three continents. He has competed in 14 sports, winning medals or trophies in ten of them. King has long encouraged players to be the best they can be, both on and off the field. Seven have earned All-American honors and King has been voted Coach of the Year four times by his colleagues. He is a past president of the NEISL and has served on the NCAA Soccer Rules Committee.

Harry Meldon, a member of the class of 1949. He captained the WPI football team as a junior in the fall of 1947, Tech's first official season since 1943. As co-captain the following year, he was instrumental in the Engineer's first post-World War II victory, a 19-6 win over American International College.

His rugged style made him a leader on the field and earned him the respect of his team-

mates and coaches. His football knowledge, natural instincts and competitive drive were welcome additions when he joined the WPI coaching staff for a brief period upon his gradu-

Off the field, Mellon was a member of Skull, served as class treasurer and was a member of the Athletic Council, the Nautical Association, and the staff of the "Tech News". A founding member of the WPI Poly Club, he has made a lasting mark on WPI athletics.

Don Putnam, a former teacher and longtime track coach at Oxford (MA) High School, is a member of the class of 1931. A winner of seven varsity letters in football and baseball, he was the epitome of the all-around athlete. He achieved success on the football field, where he was known for his crushing tackles, and the baseball diamond, where he was considered one of the finest shortstops in New England. Putman developed a reputation as one of the toughest outs on the baseball team - a reputation borne out one day against the University of Rhode Island when he had a perfect day at bat. Also a prominent and active student, he received the freshman Skull Award, a prestigious award for any athlete. He served as the president of Skull in 1931 and was a member of Lambda Chi Alpha fraternity.

Richard Zeleny, a member of the class of 1952, is being honored posthumously. His accomplishments as a runner may never be equaled. Setting phenomenal records in track and cross-country, he was most astounding for his endurance. The New Jersey State high school cross country champion, Zeleny came to WPI in 1948 and proceeded to break the school record every year, while setting records that still exist at other colleges when he graduated in 1952. Always the fastest on the relay team, he had the sole distinction of participating in every relay race during his four years.

Zeleny was a leader on the track and off. A member of Tau Beta Pi honor society, he was also an active member of the Varsity Club, serving as secretary. In addition, he served as both secretary and treasurer of the student chapter of the American Institute of Chemical Engineers.

Kathy Frawley Talks About Scheduling



PHOTO BY PAUL BLA

Kathy Frawley, new Assistant Registrar and Scheduler.

by Thomas Tessier Newspeak Staff

Kathy Frawley, Assistant Registrar and Scheduler, has taken a great task upon herself to help replace John Van Alstyne and some of his duties as director of academic advising. Van Alstyne's tasks included both advising and scheduling. Frawley took the position last March and since then has been doing the "behind the scenes" portions of academic scheduling at WPI.

Scheduling is a year round task, which is very time consumming. It begins after Christmas break. The first step is to check with each department at WPI for a list of courses that will be offered in the coming year. These lists are then published in the WPI Catalog from which students can select their future courses.

This year, the Scheduling Office through the use of a new program (mentioned in an article of last week's Newspeak) has been able to plan conflict-free schedules for each person. So far the program has only been used for this year's freshman class. The freshman this spring were sent course selection sheets known as "circle sheets." Freshman circled their choices and sent the sheets back to WPI. Their responses were fed into the computer program that printed out a list of possible schedules for the entire freshman class. Before this program was implimented the whole tedious process was done by Van Alstyne and all by hand. This program will alleviate much of the old hand scheduling. Frawley stated, "If we had fifty people scheduled to take Differential Equations and fifty people, to take German, we would know not to schedule these courses at the same time." "The keynumber is seven," says Frawley; "Seven is the maximum number of conflicts that the Scheduling Office will consider when selecting the time of a course. That number would be even smaller for courses with historically small en-

After "rainbow sheets" are printed out and the freshmen go to orientation where they receive advice on their upcoming courses and get a chance to make changes. The schedule is then revised by the Scheduling Office. Wait lists are formed, and A-term begins with yet another chance to make changes.

In B-term, another benefit of the program that will behelpful will be it's adaptablity to other various conditions such as having a moming or an afternoon job, or one's involvement withROTC. When freshman meet in B-term to make out their C and D term schedules, they will be able to indicate any preferences about the classes they want, "It's a starting place," noted Frawley; Our goal is to arrange it so students get the classes they need and want."

Having only done the freshman schedules done through this program, the Scheduling office hopes to do all students' schedules with the program, next year. The Scheduling Office is trying to culminate the course changing process by making it easier and quicker. They hope to be able to give immediate feedback to students who want to change some of their courses even before the students leave the office. Students deserve to know if they can get into the course, whether they've been puton a waiting list, or whether they have very little chance ofgetting into the course.

"We will do all we can to make course changes for students provided there are seats in the class, and it makes the most sense educationally."

Frawley emphasizes the need for good advising and the need to "plan the four year experience." She also encourages students to come to the Scheduling Office so that they can work out any problems and answer any questions that students might have.

"The students are so bright and with patience and understanding, we'll work out most problems. We're here to make it as easy as possible for everyone."

Greek Corner

ALPHA CHI RHO

The brothers of Alpha Chi Rho once again proved their superior skills in this year's Homecoming float competition by placing themselves in first place for an unprecedented fifth year running (we beat our own four year record). We thank brothers Chris Mastriani and Mike Basmajian for coaching the construction, as well as Matt Mooney, Laurie Bond, Kathy Hepp, Jamie Forbes, Mike Bowen, Aswin Pinsuvana, John and Mike of the freshman class, and one of our outstanding graduates Gary Goodel, as well as numerous others, for all the work they have done on the float. Finally, congratulations to Paul "Spuds" Lavigne for a superior driving performance. Way to go AXP!

As we progress into A term, we find ourselves more and more incolved with school work. At the same time though, we try to have as much fun as possible. Last week we enjoyed numerous activities, including, among other things, a clam bak, Monday Night Football and a burger cookout. Many more are on their way, including a trip to an Anheuser-Busch brewery and a Sunday trip to Purgatory Chasm.

Inclosing, we would like to know where Gregor met that amazing woman, and if her friends would like to accompany her on her next visit to The Nest.

ALPHA GAMMA DELTA

Congratulations to our new pledges - Audra Ayotte, Becky Harasemowicz, Lisa Pearson, Lisa Chabot, Patty Newcomer, Kathy Goggins, Wendy Fitzgerald, Leslie Thomas, Donna McKenna, Amber Chorna, Tracy Clark, Karen Chmieleski, Lisa Cocco, Ann Miller, Sarah Glow, Becky Griffith, Sarah Adams, Lori Currie, Anna Cushman, Amy Starvaski, Shamim Hassan, Tracy Barnes, and Holly Morrison. Get psyched for an awesome pledging !!!!! Enjoy pledging to the utmost - it's a really great experience. Understand you did an awesome job in Philly Stacey. Good luck with volleyball for the year. You too, Tiff! So guys was the tolerance test postponed or was it a success? Chris, are you feeling better now? After 14 hours of sleep you should be! Beer Slides or burn-chugs anyone? Think of a wave, a tower, an earthquake, and act like you're drunk - thanks Ed. Beer tosses and beer whirls - are you ready Chris T?

PHI SIGMA SIGMA

Welcome Phi Sigma Sigma Pledges! We love you - all 27 of you - yes, twenty-seven!! Pam - you couldn't have done rush better! Great job on the Homecoming Float, Carol, and a great job on the Alumni reception Kathy! Hope everyone had a happy Happy Hour last Friday did everyone learn the "other" Aim High, Do or Die cheer? If not - see Chris Couma. Hey Phi Sig Sig Intramural Volleyball team - I know its nice to give everybody the taste of victory but these games do count towards the sportscup and you know how much that means to us! Everybody - have a great week and pledges - keep smiling, we're so psyched to have you with us and remember keep wearing those pins!!

SIGMA PI

The Brothers of Sigma Pi extended our appreciation to Brad from National for his visit

last week. Congrats to Peter Tousignant for receiving the Skull Trophy. Movie night was a success if you know what I mean, as was Sigma Pi Resort on Alum Kevin Szoredy's estate. Can't wait for Bid Night Party and the end of the buger & soda syndrome known as DryRush, Get psyched for IM Voleyball, Football, and CC, even though a certain "Cast" of brothers will not participate; however they can be seen roaming the campus with fiberglass reminders of their silliness. Has anyone seen YFPT? Until next week - so long YFAPG.

THETA CHI

This week at Theta Chi, intramurals went into full swing. Our C-team volleyball is undefeated in two games. The Budmen, led bythe Chinamen Charge, are claiming victory from the jaws of defeat. Congratulations to Rich and Tom for finishing first and second for WPI in the Little Four golf tournament. Future Ivans of the board- carb up and keep practicing. Freshmen-Friday is the big night. Meanwhile, Tuesday is our final Pizza Night so come on down Rushees and have a great time. Phi Sig Sig- one rock looks good, but how about the other? Come over and try again, the food is on us... or maybe you. Packy, sorry about the car-we'll fix it, no problem. Do dogs run in the rain? They sure do. Congrats to our big winners at the track last Friday: Ken, Derk, Beau, Ty, and Petey. So Jon, tell us what really goes on at the track after everything is over. And finally, a clue for Kyle: the urinal is 20 feet to your left.

Before you choose a long distance service, take a close look.



You may be thinking about choosing one of the newer carriers over AT&T in order to save money.

Think again.

Since January 1987, AT&T's rates have dropped more than 15% for direct-dialed out-of-state calls. So they're lower than you probably realize. For information on specific rates, you can call us at 1 800 222-0300.

And AT&T offers clear long distance connections, operator assistance, 24-hour customer service, and immediate credit for wrong numbers. Plus, you can use AT&T to call from anywhere to anywhere, all over the United States and to over 250 countries.

You might be surprised at how good a value AT&T really is. So before you choose a long distance company, pick up the phone.



Arts and Entertainment

Cinematech Presents RAN

by Dave Caiati

On Tuesday, September 22, the Cinematech film series will begin with a presentation of Akira Kurosawa's Ran. The film will be shown in Alden Hall at 7:30 p.m. Admission is free. In Ran, which means "chaos" in Japanese, Kurosawa turns his attention to 16th century Japan, where the folly of an aging warlord results in civil war.

The warlord Hidetora has used violence all his life to take control of his kingdom. But now, his is near the end of his life and wants to give up power and turn the kingdom over to his three sons for them to govern peacefully. One son reminds him that he has brought them up "on strife and chaos," but Hidetora ignores this fact. Only when war breaks out does he realize his mistake.

Kurosawa then fills the screen with shocking battle scenes. In one stunning agent, Kurosawa shows a battle progress silently with only background music. We watch the flying arrows find their targets without the screams of the wounded. The the sounds suddenly return, jolting us back to reality.

Now, Hidetora sees that he has brought the world nothing but "ran." He wanders lost and insane in the wildemess, until he is saved by the brother of one of his daughters-in-law, whose parents were killed by Hidetora himself. One of the most interesting other characters is the corrupt and sensuous Lady Kaede, another daughter-in-law of Hidetora. When her husband is killed, she immediately tries to seduce his brother.

Ran is one of the few films made in the last few years that fully realizes the advantages that the big screen has over video. This epic is not something to mess and rent later from the local video store.

Anyone who is interested in events like these and wishes to join the Specctrum/Cinematech Committee should drop a note to Dave Caiati at WPI Box #1257. There is always room for new members and it's an opportunity to help improve WPI social life.

Creatures of Habit to play Gompei's

by Rudy Minar

Appearing in Gompei's Place this Saturday, September 26, at 8:00 pm are two Worcester bands - Creatures of Habit andFarnum Street. Creatures of Habit are a favorite on the localclub scene, performing regularly at Ralph's, a hangout for WPIseniors. Always a great band to see live, the Creatures of Habitperform a mixture of straight ahead rock-n-roll and psychodeliamixing covers with 60's inspired originals. The band hasappeared in the Worcester battle of bands and played at GreenHill Park this summer.

The Creatures are led by husband-wife Bob (guitar,vocals) and Cathy (bass,vocals) Peters. The two founded the group in the seventies, back when it was known as Blue Moon. Taking the band in new directions are Mark "Stig" Daughney also on guitar and vocals, and Lyall Croft on drums.

Opening up for Creatures is WPI's premier band, Farnum Street. Formed for the 1st Annual



Battle of the Bands in 1986, the band has stayed together since then, continuing the tradition of WPI talent made most famous by alumnus J. Geils. The band has placed second in two WPI Battle of the Bands, and plays the fraternity circuit regularly. The band includes Tom McCormick '88 on guitar and vocals, Greg Mayo '88 on guitar, Joe Rimstidt '88 on drums, Lee Lopes '88 on keyboards and Doug Wennberg '88, formerly of the WPI band The Evidence, on bass.

Steven Wright: His Warped Reality

by Monte Kluemper and Karen Chmielewski

When it comes to Steven Wright, the question in most people's minds is, "...but how does he act off stage?" We got a chance to find this out during his recent trip to WPI.

Wright, a native of Burlington, MA, has been interested in comedy for most of his 31 years. He developed his deadpan style out of stagefright. "I was trying to remember what I was going to say and I was trying to say it right. I was just concentrating, and it became my trademark. I don't smile because I have so much shit to do out there. What I'm saying is ending up funny but it's not funny conveying it."

Influenced by the popular comedians of his time, he intensely likes Johnny Carson, Woody Allen, and George Carlin, the last of whom performed at WPI for homecoming last fall. Most people realize that Steven Wright outsold his idol, Carlin. Wright didn't. He was stupefied when he found out. He said, "That's really weird. I'm almost embarrassed. I think I'll kill myself. It's almost like this isn't happening I'm not here and you're not telling me that."

His diploma in radio broadcasting from Emerson College has been collecting dust since 1978. "By the time I got out of school I didn't want to do it (radio)," says Wright. "It sounds like a guy having a great time playing records and doing whatever he wants to, but when I found out how structured it was, I was totally turned off." Instead, he turned to a variety of odd jobs, most notably working as a stand up comedian in The Comedy Club in Cambridge, MA. Although he first received national recognition in 1982 by appearing on "The Tonight Show", he didn't consider himself a success until,"...about a year after Carson. When people were coming to see me specifically, not just the Comedy Club.'

Wright has little time for the Comedy Club these days. He signed a contract with Orion Pictures a few years ago. As for movies, "I'm still working on it. I've changed my mind so many times I have to keep starting over. But now, I know it's definitly about a guy who can't make up his mind...he's going to decide everything by a flip of a coin." Previously, he has released an album and written a half-hour skit

for HBO that's coming out soon. "It's about a guy who kills his own psychiatrist. It's not true...yet," says Wright.

Wright, who rents a furnished house in New York, now spends a large portion of his spare time throwing furniture out. His opening act, James Lee Stanley, says it's because he needs more space. Says Stanley, "The last piece of furniture I saw in there was a sofa, and that's it. It talked to him last week on the phone and he said, 'Well...I got rid of the sofa.', I said, 'Steven, when you rent a furnished apartment you can't do things like that!', but he said, 'No, I called the guy and he said if I leave some chairs in its place, it's OK.'"

James Lee Stanley, a self-proclaimed 'freelance human being,' has been touring with Wright since 1986. Wright says of Stanley, "He's not straight comedy, but he's funny; his music is great; he gets the audience in the right mood and frame of mind for what I have to do." In truth, they are best friends and Stanley speaks very highly of Wright too, "He's been wonderful, the best guy I ever worked for, the most gracious, the most considerate, ...he keeps giving me more money."

His off-the-wall style and delivery in comedy have paid off in the form of many fans and a sold out performance here. As for Wright, he doesn't have a philosophy on life, but he does have a philosophy on why we are here: "It was too crowded where we were supposed to go."

FOREIGN STUDENTS

For professional and confidential consultations regarding your VISA status and right to work in the United States after graduation contact:

THE LAW OFFICES OF HARVEY SHAPIRO

15 Court Square Boston, MA 02108 Tel. (617) 723-3277 515 Madison Avenue New York, NY 10022 Tel. (212) 355-5240



CoffeeHouse

presents

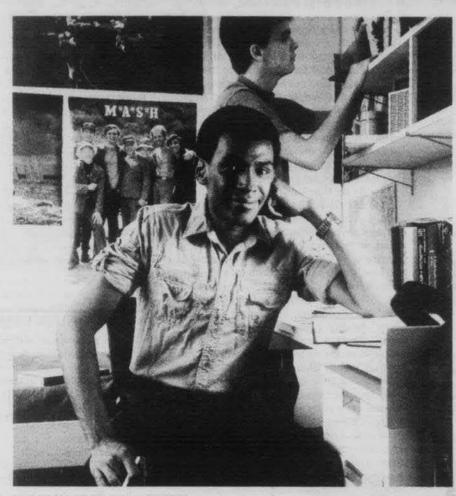
MICHAEL JERLING

T O N I G H T



8:30 pm
Gompei's
Place

"HOW I MADE \$18,000 FOR COLLEGE BY WORKING WEEKENDS."



When my friends and I graduated from high school, we all took part-time jobs to pay for college.

They ended up in car washes and hamburger joints, putting in long hours for little pay.

Not me. My job takes just one weekend a month and two weeks a year. Yet, I'm earning \$18,000 for college.

Because I joined my local Army National Guard.

They're the people who help our state during emergencies like hurricanes and floods. They're also an important part of our country's military defense.

So, since I'm helping them do such an important job, they're helping me make it through school. As soon as I finished Advanced Training, the Guard gave me a cash bonus of \$2,000. Then, under the New GI Bill, I'm getting another \$5,000 for tuition and books.

Not to mention my monthly Army Guard paychecks. They'll add up to more than \$11,000 over the six years I'm in the Guard.

And if I take out a college loan, the Guard will help me pay it back—up to \$1,500 a year, plus interest.

It all adds up to \$18,000—or more—for college for just a little of my time. And that's a heck of a better deal than any car wash will give you.

THE GUARD CAN HELP PUT YOU THROUGH COLLEGE, TOO. SEE YOUR LOCAL RECRUITER FOR DETAILS, CALL TOLL-FREE 800-638-7600,* OR MAIL THIS COUPON.

*In Hawaii: 737-5255; Puerto Rico: 721-4550; Guam: 477-9957; Virgin Islands (St. Croix): 773-6438; New Jersey: 800-452-5794. In Alaska, consult your local phone directory.
c 1985 United States Government as represented by the Secretary of Defense. All rights reserved.

MAIL TO: Army National Guard, P.O. Box 6000, Clifton, NJ 07015

NAME

ADDRESS

CITY/STATE/ZIP

AREA CODE PHONE

SOCIAL SECURITY NUMBER

BIRTH DATE

OCCUPATION

STUDENT D HIGH SCHOOL DCOLLEGE PRIOR MILITARY SERVICE DYES NO

BRANCH RANK AFM/MOS

THE INHOMANTON YOU VOLUNTARRY YROVORD MICLIONING YOUR SOCIAL SECURITY MANABER WAL BE USED FOR MAIL VIEW REPORTS TO THE AD AUTHORISTY FOLICE SIGN.

A1CLJC21097NP

Army National Guard

Despite Hot Pursuits, Student Loan Default Rises

(CPS) - Despite an aggressive campaign to lent the money to the students - typically haptrack down people who aren't repaying their student loans, the federal government will have to pay off \$1.5 billion worth of defaulted Guaranteed Student Loans during the 1988 fiscal year, the Office of Management and Budget estimated August 27.

The amount represents a 25 percent increase over the current fiscal year, which ends Sept. 30. The payoffs — made to the banks that actually

pen when the banks are unable to collect the

U.S. Dept. of Education officials note the \$1.5 billion they're paying off in bad loans consumes more than half its \$2.8 billion loan program budget.

The problem, said department spokeswoman Victoria Tripp, is that defaulters think "the federal government is an easy touch."

But Mary Preston of the United States Student Association said "that's a pretty simple analysis."

Economic hardships, poor student financial counseling and rigid loan procedures force some borrowers to default on their student loans, Preston

"There are definitely abuses, but a lot of people are having a lot of trouble paying back loans," Preston said. "The government needs to work with

"We've tried in every way we can," Tripp replied. The

government, she said, recently instituted an income-contingent program that reorganizes loan payments based on a borrower's income. Borrowers with certain low-paying careers, such as teachers in poor regions, will have their debts "forgiven" if they qualify.

The program, however, currently is only in a pilot stage, and prospective problems with it kept the vast majority of campuses from applying to join the pilot program.

To recoup some of its losses, Tripp said Washington will try "to send the signal that the federal government is no longer an easy touch."

The Internal Revenue Service still is witholding tax refunds from defaulters, a move that's netted more than \$135 million in '85 and '86, Tripp said.

The Education Dept. also is employing collection agencies "aggressively," tying student loan defaults to borrower credit ratings and passing collection costs on to defaulters.

Defaulters employed by the federal government also have their salaries garnished, Tripp said.

AFROTC

Club Corner

Rob Provost, a senior EE major at WPI received the Vice Commandant's while attending Air Force ROTC field training at Plattsburg AFB in New York. The Vice Commandant's Award is given to the top person in each flight at the camp and recognises outstanding leadership, athletic ability, and officer potential. Only 112 cadets received this award out of the 4,000 Air Force cadets that attended summer camp. Mr Provost participates in Air Force ROTC at AFROTC Detachment 340 at Holy Cross.Don't forget, LLab for Sept. 23 is the PFT. Uniform of the day is optional with PT for Lab. Reminder - the phone number to call for information about LLAB is 793-2554.

Reminder- Don't forget, Llab for Sept. 23 is the PFT. Uniform of the day is optional with PT for Lab. Reminder- the phone number to call for information is 793-2554.

CHEER TEAM

Reminder-Practices will be onTuesday at 4:30, Thursday at 9:00p.m. and Friday at 6:00p.m.

FENCING CLUB

Excitement doesn't have to start with an 'E', it can also start with an 'S' or an 'F'. Join the Fencing Club. Training available in EPEE, Sabre and Foil. Every Mon., Tues., & Thurs., at 7:30 p.m. in lower Harrington.

MEN'S GLEE CLUB

Hey guys, get psyched! It's a whole new year. And you know what that means ... a new year filled with predicaments, right, Dennis? Let's all try to come to rehearsals on time. Tuesdays and Thursdays at 6:30 isn't too hard to remember is it? Just think of it as being one rehearsal closer to

Speaking of Europe, is the psyche level high or what. We'll show them just how obnoxious Americans can be.

Well, that's all for now Glee Clubbers. Remember to keep the psyche up but no tight pants (we don't want the psyche to show too much). And Tim, roses to ya on your recent lobotomy.

PEP BAND

Reminder-Rehearsals will be on Monday and Thursday at 4:30. Don't forget the trip to the Coast Guard Academy on Saturday.

RESIDENCE HALL COUNCIL

Reminder-There will be a meeting for all floor representatives and policy and programming chairpersons on Thursday at 4:30p.m. in the Alumni Conference Room.

WOMEN'S CHORALE

Rehearsal will be held tonight, Tuesday the 22nd, from 6 to 8 pm in Alden 01F. All WPI women are welcome to join us. Also, voice class will be held Wednesday, September 23, from 2 to 4 pm in the Janet Earle room in Alden.

Attention NEWSPEAK Writers! Meeting this Friday at Noon.

GOOD LUCK TO THE W.P.I. **BOYNTON PIZZA**

Best Pizza In Worcester Have A Pizza & Beer At The Boynton 119 Highland St. Worcester

756-5432

\$.20 off each pizza for WPI students with ID

PICK UP APARTY



THIS BUD'S FOR YOU.

BUDWEISERB+KING OF BEERS#+ANHEUSER BUSCH, INC +ST LOUIS

WPI Professor Named Executive Director of the History of Science Society

(WPI News Service) - Michael M. Sokal, professor of history, has been named to a five-year term as the first Executive Secretary of the History of Science Society (HSS). Sokal was chosen for the newly-created position after a nationwide search. Sokal, who will assume the office in January, 1988, has already taken charge of several HSS programs. He will continue his teaching and research half-time at WPI while he administers the 3,000-member organization from an office at the Institute, which will become the Society's center of operations.

"This appointment is a great honor for me and for WPI," Sokal said. "As the premier organization for American historians of science, the History of Science Society is known worldwide. At the same time, the Society greatly appreciates WPI's extensive support for the office I'll be establishing."

Sokal has been an active member of the Society for 20 years and a member of its Council since 1986. As executive secretary, he will oversee the organization's day-to-day operations and administer a wide range of national activities, including several designed to bring the history of science before the public.

These include curriculum development programs for high school and college teachers, fellowships for junior scholars and a visiting historian of science program that annually sends distinguished historians to dozens of American college campuses.

Though based in the United States, the History of Science Society draws members from around the world and is the discipline's largest scholarly and professional organization. Its members teach at colleges and universities, prepare exhibitions at museums of history and science, serve as scholars at libraries and archives, help make policy for state and federal government agencies and private corporations and educate future generations in high school science and history departments.

The society publishes Isis, the leading journal on the history of science. Other publications include Osiris, a yearbook that summarizes the state-of-the-art in selected research fields, and a series of resource letters, designed to help teachers deal with the rapidly expanding literature avail-

able on all aspects of the history of science.

Sokal has been a member of the WPI faculty since 1970. Much of his work in those years has focused on the history of science in America and the history of psychology. He regularly teaches courses and directs student projects in these areas, including several at such New England institutions as Mechanics Hall in Worcester, the Mark Twain House in Hartford and the Charles River Museum of Industry in Waltham. These activities form an important part of WPI's unique sufficiency program in the humanities.

He has written extensively in the areas of his research, focusing on the history of psychological testing and the life and career of James McKeen Cattell. One of the first to develop psychological tests, Cattell was also editor of Science, the journal of the American Association for the advancement of Science (AAAS). Sokal is currently completing a full biography of Cattell, which will be published by the University of California Press.

This year, the Rutgers University Press published Psychological Testing and American Society, 1890-1930, a volume edited by Sokal that grew from a symposium he organized and chaired at the 1984 annual meeting of the AAAS.

Sokal was commissioned to write the centennial history of Sigma Xi: The Scientific Research Society. A condensed version of the history was published last fall in The American Scientist, Sigma Xi's journal, and last April Sokal delivered an address based on his history at SIgma Xi's centennial celebration at Cornell University.

In addition to serving on the Council of the History of Science Society, he has been a member of several Society committees and is co-chairing the 1987 HSS annual meeting, to be held in Raleigh, North Carolina in October.

Sokal received a bachelor of engineering degree from The Cooper Union and master's and Ph.D. degrees in the history of science and technology from Case Western Reserve University. He has worked as an electrical engineer with IBM and NASA and has served as a Sigma Xi National Lecturer, an American Psychological Association Centennial Lecturer and a visiting scholar in the History of Science at Harvard University.

Attention Seniors

The Annual Senior Placement Orientation Meeting will take place this year on Wednesday, September 23rd, from 6:45 p.m. to 8:00 p.m. at the Harrington Balcony.

The Office of Graduate & Career Plans is sponsoring the meeting with William F. Trask, Director, moderating.

Dean William H. Taft, Dean of Graduate Studies & Research, will also be there to talk briefly about Graduate School.

During the meeting, there will be a brief class meeting.

College Applications Mystery Explained by Students' 'Sophistication'

(CPS) - Students are applying to more campuses and becoming "more sophisticated" in choosing which one to attend, two recent surveys indicate.

The phenomenon may help explain the mystery of why, when there are fewer 18-year-olds in the population, colleges are receiving record numbers of applications.

"Students," observed Kristin Persson of College Connections, a New York-based marketing firm that works with colleges, "have become smarter consumers."

In 1986, about 60 percent of the freshmen at private colleges applied to four or more schools, a survey released earlier this year by the American Council on Education and the University of California at Los Angeles said.

Nearly 30 percent of the students applied to at least six colleges.

At public colleges, one third of the freshmen surveyed said they applied to at least four schools.

UCLA's Marilyn Schalit noted that statistics compiled during the last 20 years indicate more students now apply to more than one college.

In 1967, more than half the nation's college freshmen applied to just one school, Schalit said. But in 1986, only 35.3 percent applied to just one school.

"It was predicted that fewer 18-year-olds would mean colleges and universities would receive fewer applications," said Persson. "But that

just hasn't happened. A higher proportion of 18year-olds are enrolling in colleges."

"Students are realizing how competitive it is, and they're preparing better by taking courses to prepare for the SATs and ACTs," Persson explained. "They're also taking a better look at more colleges."

"A few years ago, a college's name was the most important thing. That's not true any more," added John Klockentager, vice president of Buena Vista College in Iowa.

Students who in past years would apply to the state's larger schools, such as the University of Iowa, are now more closely examining their own needs and goals and choosing schools more carefully, he said.

Students also are shopping around to see which schools offer the best financial aid programs, said Dr. Kenneth C. Green of UCLA.

Students' increasing sophistication — and the dwindling number of 18-year-olds — has forced colleges and universities to adopt more aggressive marketing techniques, Green said. Schools have successfully maintained enrollment levels by appealing to older students and emphasizing graduate programs.

But the number of 18-year-olds will decline by 60 percent between 1988 and 1995, he added, forcing campuses to recruit more creatively.

"The worst is yet to come," said Green.

Power tools for the classroom.



TI programmable calculators have all the right functions and enough extra features to satisfy your thirst for power.

To all you science and engineering majors unsatisfied with mere calculators, TI has good news. Your power tools are

here. The TI-95 PROCALC™ is keystroke programmable and the TI-74 BASICALC™ is BASIC language programmable. Each has a full range of scientific, mathematical and statistical functions, and plenty of power extras.

Both have optional equipment such as Solid State Software ™ modules,



The T1-95 offers powerful 7200-step keystroke programming and features our exclusive Power Windows. ** which provide easy access to the functions and flexible file management system.

including math, statistics and chemical engineering, and a module with an additional 8K Constant Memory. Additional power accessories include a separate portable printer and cassette interface.

So if you're into power, look for the display in your bookstore for a demon-

stration of our power tools. They build such a strong case for themselves, our competition doesn't know what to make of them.

TEXAS

DISCOVER

DISCOVER

DISCOVER is a computer assisted carrer guidance system. DISCOVER is available to all students for assistance in making career choices such as:

What to major in
Where to go to graduate school
What occupation suits you

Call 793-5540 for more information or come to an orientation session at the Student Counseling Center.

IS EE 2001 AND EE2002 GETTING YOU DOWN?

GET A EE BIG BROTHER/BIG SISTER

SIGN UP IN EE OFFICE (2nd FLOOR ATWATER KENT)

> SPONSORED BY: ETA KAPPA NU

(THE NATIONAL EE HONOR SOCIETY)

AND IEEE

(INSTITUTE OF ELECTRONIC AND ELECTRICAL ENGINEERS)

CLASSIFIEDS

\$EASY MONEY!! I will pay \$25 for your phone book. Call Lee Ramsey Collect at (615) 577-7237 after 6:00 p.m.

Apartments, 5 min walk to WPI off Highland, appliances, gas heat, Shea Realty, 755-2996.

CRUISE SHIPS NOW HIRING. M/F Summer & Career opportunities (Will Train). Excellent pay plus world travel. Hawaii, Bahamas, Caribbean, etc. CALL NOW 206-736-0775, Ext. C 362.

FOR SALE: Recliner, \$60; Sleeper Sofa, \$80; Full Refrige, \$120; Dinette Set, \$70; Mahogany Rocking Chair, \$60. ALL IN EXECLL COND, 853-5045.

Fire Safety MQP offered. Variable start time. Contact Box 1453.

There will be a Cardio Pulmonary Resuscitation (CPR) training session held at the Central Branch YMCA on Saturday, October 3, 1987 from 9 a.m. to 2 p.m. Course fee: \$6.00. Call Janine Taglang at 755-6101 to reserve your spot in the class. FOR SALE: Sony FM Walkman. New. Yellow, Waterproof. W/headphones. Works great. \$20.00! 792-3210.

Just a reminder: PATHWAYS need submissions - Poetry, Prose, Short Stories, Drawings, B/W/ Photos - for its A/B Term Edition. Be creative and see your work in print, Submit! Pathways 5150.

Bored tonight? Come see THE PROJECT at McGillicuddy's! Show starts at 9:30. Don't miss it!

The Coffeehouse, aka Gompei's Place, hosts Michael Jerling 9/22, 8:30 p.m.

D, J - Push hard and turn? What?

Bond, James Bond, stars in Goldfinger this Wed. The New Thing at Gompei's Place, 9/23 9:00 p.m. \$1.00

Love Bagel, where's those buns?

Sat. 9/26, at 9:00 p.m. Gompei's Band features Creatures of Habit. Only \$1.00.

Owwwwww!!! Stud Muffin.

nature and add 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 add 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 add. The editors reserve the right to refuse any additional to be in bad taste or many addition one group or individual on one subject.

The deadline for add is the Friday before publication.

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 number for inflication.

Name

Phone

Address ______Total Enclosed \$

AD TO READ AS FOLLOWS: Allow only 30 characters per line

GOLD RING SALE

\$60 OFF 18K \$40 OFF 14K \$20 OFF 10K



Jostens Gold Sale. For one week only. Order and save on the gold ring of your choice.

JOSTENS

Sept.

Time: 10:00-3:00

Denosit Require

\$25

Date. 21,22,24 Time:

Payment Plans Availa

Place: WPI Bookstore

Meet with your Jostens representative for full details. See our complete ring selection on display in your coll

ege bookstore

What's Happening

Tuesday, September 22, 1987

4:30 pm -- Tennis vs. Assumption

6:00 pm - Rescheduled from tonight to 9/29 & 10/6 -

"Tips for Effective Studying"

7:15 pm -- Field Hockey vs. Assumption

7:30 pm -- Cinematech presents RAN, Alden Hall, free

7:30 & 9:30 pm -- Clark University's Cinema 320 presents A Room With a View, Room 320 of Clark's Academic Center, \$3. Also 9/24, 9/26 & 9/27 at 1:00 & 3:15 pm.

8:30 pm - Coffeehouse presents Michael Jerling, Gompei's Place, 8:30pm, free.

Wednesday, September 23, 1987

4:00 pm -- Student Counseling Center Seminar - "Guides for Improved Relating," Part I, Student Counseling Center Seminar Room. 2nd Floor.

6:30 pm - Senior Placement Orientation, Harrington Balcony.

9:00 pm - The New Thing presents Goldfinger, Gompei's Place, \$1.00.

Thursday, September 24, 1987

4:00 pm -- Chemistry Department Colloquium, "Binding and Activation of Molecular Oxygen," with Prof. Russell S. Drago of the University of Florida, GH 227.

9:00 pm -- HolyCross' No Frills Theatre presents Psycho, AFROTC building at HolyCross, free. Call 791-7450 for more information.

Friday, September 25, 1987

3:30 pm -- Tennis vs. RIC

Saturday, September 26, 1987

2:00 pm - Vollyball vs. Tufts

9:00 pm - Gompei's place Entertainment, Creatures of Habit with WPI's Farnum St. Gompei's Place, \$1.00.

Sunday, September 27, 1987

11:30 am - Mass, Alden Hall

6:00 pm - Mass, Founders Hall

6:30 & 9:30 pm - The Reel Thing presents Lethal Weapon, Alden Hall, \$1.50.

Monday, September 28, 1987

8:00 pm - Spectrum Fine Arts Series presents John Stockwell - Secret Wars of the CIA.

IEEE **BAR-B-QUE**

WEDNESDAY. SEPTEMBER23

11:00TO1:00 **ATAT WATERKENT**

> **EVERYONE** ISWELCOME

ComePartySaturday,September26 CREATURESOFHABIT





\$1.00

AT GOMPEI'S PLACE, 8:00 PM