

THE JOHNS HOPKINS NEWS-LETTER

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October 6, 1989

This Week

Features addresses the serious issue of substance abuse within the Hopkins Community and what is being done about it on page 7.

Arts reviews the Freshmen One Acts as well as a new release of Thelonus Monk's music on page 10.

Ever wonder why or how you have finger prints? Or what a butterfly's wing looks like under the power of an electron microscope? Check Science, page 12 for the answers.

Attention Trekkies! The ultimate Gala quiz, was named "A Showing of the 1988 Award-Winning American and International TV Commercials."

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Congressman Mike Synar addressed the Young Democrats on the Bush administration's handling of the environment.

Congressman calls for Clean Air enforcement

by Andy Prior

On Monday, October 2, Congressman Mike Synar, chairman of the House Subcommittee on the Environment, Energy, and Natural Resources, attacked the Bush administration's environmental record.

Synar, President Bush's "rebirth as an environmentalist" during his election campaign failed to produce the "priorities and emphasis" in his administration. Democrats, he said, want to hold the President accountable and make him "put his money where his mouth is."

APL cited for waste disposal violations

by Steven Mizrach

The Maryland Department of the Environment has issued a formal complaint against the Johns Hopkins Applied Physics Laboratory, citing improper handling of hazardous waste.

violations of Maryland law and seeks a civil penalty of \$23,000.

The Applied Physics Laboratory, located in Howard County, is primarily a defense-oriented research lab, and is included in the Top 100 Department of Defense contractors.

In July, inspectors from the Department of Defense found that the outside of the Lab's metal-plating facility, Building 39, two thirty-gallon plastic drums, and another 200-gallon container held corrosive liquid wastes.

A follow-up inspection of the building on July 12 turned up a concrete pit which was used to

store liquid wastes and which had a pipe extending from the bottom to another storm drain. Soil samples taken adjacent to the discharge pipe turned up significant traces of cyanide, chromium, lead, nickel, and copper.

These inspectors also cited violations in the Lab's Waste Accumulation Building, including insufficient aisle space for movement of emergency workers, storage of hazardous substances for more than 90 days without a permit, and improper markings of small waste containers, many of which were broken or in poor condition.

The Applied Physics Laboratory was ordered to comply with all State environmental laws, to provide drawings of the plumbing system for Building 39, and assessments of the "qualities of the raw materials used and wastes generated, stored, disposed, and removed" from the building.

See APL, 3

Drugs pervade Homewood

by Alex Varon

The students interviewed for this article wish to remain anonymous and will henceforth be collectively referred to as "John Smith."

Sunday night, sometime close to midnight, Art Museum Drive is devoid of traffic, both vehicular and pedestrian. Devoid, that is, except for one soul who carefully looks around and then descends the steps leading to the park.

This image of a drug buy is the mistaken image which many people have at Hopkins. The truth is

that we see or hear drug exchanges, walk past drop-off points, and meet and interact with members of the drug world all the time, often without even knowing it.

Officer William Reiss of the Drug Enforcement and Narcotics Investigation Division of the Baltimore City Police says that the deals made in the area around the Homewood campus very rarely involve students.

"The main area we watch is along Greenmount, around 30th Street, and students stick out like a sore thumb," he says. The few students who do appear are usually doing it for the first time, trying to pick something up to experiment with.

In the past couple years, there have been no arrests on campus. Major Larkin, the Chief of Hopkins Security, says, "Maybe we're being naive to think that Hopkins is that drug-free, but our campus is certainly not like larger colleges."

Hopkins security officers have the authority to arrest students and make busts, and have done so in the past. "We are just like ordinary police and can make search and seizures," says Larkin.

Security, though, is less concerned about making cases than the safety and health of the students. "We're also responsible for handling the sick cases, which includes overdoses. We take them down to Union See DRUGS, 7

Clio Awards stress sex, humor in TV commercials

by Carol Rosenthal

The average television viewer is bombarded with thousands of commercials every year. A selection of TV commercials, judged to be the best of 1988, was shown as part of the Wednesday noon series for those desiring to see even more advertising.

The presentation, part of the Wednesday Noon series, was named "A Showing of the 1988 Award-Winning American and International TV Commercials."

The series consists of hour long talks, or presentations in an informal setting, which allow students to bring their lunches and relax. Wednesday, October 3 marked the first Wednesday Noon series program this year.

For fifteen years, the tradition has been to start the Wednesday series with a film showing of the Clio Awards. Clio Awards are to television advertising what the Oscars are to the film industry.

fifty-one countries.

This year, ten of the commercials winning Clio Awards were produced by ad agencies in London, England. This is by far the most Clios won by one country, or city, in the International category.

In U.S. commercials, it was apparent that sex in advertising is a popular means to sell a product.

Perhaps the "steamiest" of this genre was the commercial for Jovan Musk in the American Cosmetics category. The commercial's name was "What is Sexy?" and this commercial certainly was. The majority of the shots showed women in tight jeans, muscular men, and water being sprayed everywhere.

Although that commercial was the most blatantly sexual, several others followed that also contained sexual innuendo. One commercial had Michael J. Fox risking life and limb to get a beautiful woman a Diet Pepsi.

One sexually explicit photo belonged to the improbable category of Regional Campaign Utilities. The product was "Nynex," a Yellow Pages phonebook. It showed an arm-

chair "stripping" and throwing off its cushions to burlesque music. The commercial's message was that one can find any service in the Yellow Pages.

This is not to say that all of American advertising has descended into a "morass of immorality." The majority of commercials used humor to convey their message. In Wendy's "Dry Man" commercial, a man chooses a dry hamburger instead of Wendy's "juicy, delicious" hamburger because that's how "Mom used to make it."

Another commercial demonstrated the durability of steel pots by showing one used as a puck by ice hockey players. The players were beaten to a pulp, but the pot did not suffer a dent.

American commercials often used sex or humor to pitch their products, while international commercials were more frequently animated or graphically produced.

Notably, there were no "straight" pitches in either category. Consumers no longer wish to watch commercials in which a representative simply talks about the advantages of his company's product. Instead, modern commercials are geared toward entertainment, by using humorous and sexually explicit means to keep the viewers' attention.



Scott Holupka and Trish Martin, Coordinator of the Substance Abuse Prevention Program, said that marijuana is the illegal substance of choice for Hopkins students.

# The Grad Club

presents

## Jazz with the Shea Welsh Band

Friday, October 6, 1989  
in the basement of McCoy Hall  
\$2 cover & 2IDs

\*Saturday, October 7: The Weekend Returns

\*\*Tuesday, October 10: Free Movie & Popcorn  
The Thin Man with William Powell & Myrna Loy

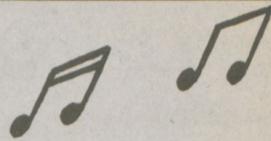
\*\*\*Thursday, October 12: Funk Nite!!  
Dancing at the Grad Club. \$1 cover

\*\*\*\*Friday the 13th: Johnny Monet & the  
Impressionists & something for the  
supersticious... \$2 cover & 2 IDs

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OF THE H.O.P.

w/ Guest  
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Hugh Wolff



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Mechanic Theatre

Thursday, Nov 2, 1989, at 8:15 pm

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Only eight acts will be accepted.  
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Box No.: \_\_\_\_\_

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Other Members of Group  
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Please list any sound equipment  
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Applications available in  
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this form. All applications due by  
Oct. 12 in the Union Board Box in  
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Call Mitchell at 467-4492 or Beth  
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SELF -DEFENSE CLASSES  
7:00-9:00 p.m.

Thursday, October 12  
Avoidance Techniques                      Garrett Room

Thursday, October 19  
Avoidance Techniques                      Garrett Room

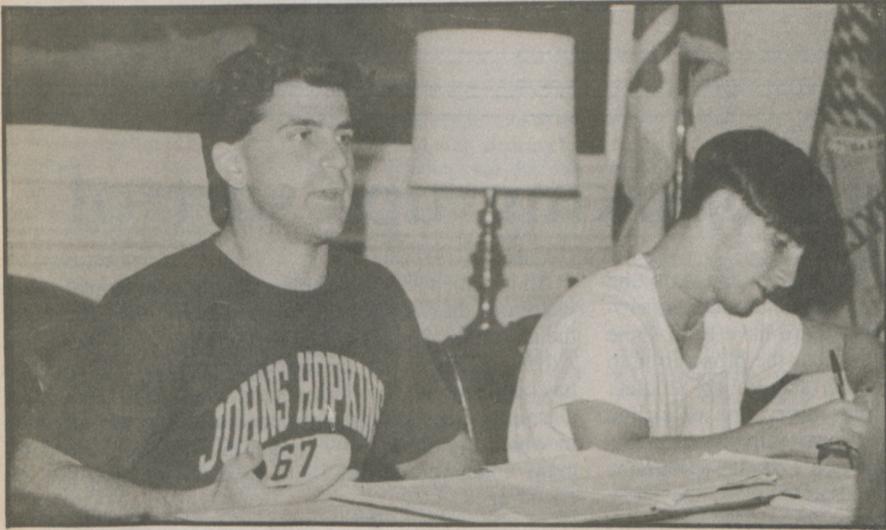
Thursday, October 26  
Deterrence & Resistance                      Garrett Room

Thursday, November 2  
Deterrence & Resistance                      Multipurpose  
Room, AMR I

Thursday, November 9  
Home Protection, Date Rape,  
Criminal Identification                      Multipurpose  
Techniques                                      Room, AMR I

Classes are limited to 50 per class. Men and  
Women are encouraged to participate. Self-  
defense techniques will also be taught at  
each class.

SIGN UP IN ADVANCE IN THE STUDENT  
ACTIVITIES OFFICE - For more info, call x8209  
Sponsored by the Office of Student Activities  
and the Women's Center



File Photo

Council President Lou Giangulio and Secretary Jeff Perlstein preside over Wednesday's uninspiring but informative meeting.

## Shuttles abound at Council

by Chris De Ruiter

Wednesday evening's student council meeting consisted mainly of committee reports and general announcements.

Some of the planned events of the following weeks include: a HOP-sponsored "Safe Sex Game Show" in the Great Hall next Wednesday at 7 p.m., and the Middle Eastern Student Association's showing of "Shoot to Cry," a movie about the Israeli-Palestinian conflict.

The senior class is sponsoring "cultural" excursions to Washington: a shuttle to Georgetown on Halloween night, and another to the Mall on November 13. Shuttles to BWI airport for Thanksgiving break will run in four round trips at 9 and 11 a.m. and 1 and 3 p.m. and will cost three dollars round trip. Oktoberfest will take place on Friday, October 13, from 4:30 to 7 p.m. Free food, soda and beer for 50 cents as well as entertainment will be open to everyone on the Quad (staff and grad students included.) The sophomore class will be having a "PizzApeel

night" on October 17.

Parents' Weekend will be more than just a visit from Mom and Dad: student group-run game booths will cover the Freshmen Quad for the Fall Carnival on Sunday, October 22. Blue Jay pins will be sold to rally support on Loyola Classic weekend; shuttles will run to Loyola for the whole weekend.

On the academic front, a new Cognitive Science major was proposed. Several pressing issues will be discussed at the Education Committee's upcoming meeting: the inability of many T.A.'s to speak English and whether foreign language "Elements" courses can be taken pass/fail. The Five Year Plan's ambiguity, due to the lack of a uniform University mission for Arts and Sciences, was discussed by the ad hoc committee on the Five Year

Plan chaired by Dean of Arts and Sciences Lloyd Armstrong. Drs. Townsend, Walters, and Wilson gave faculty support to a continued push for the final draft of a "goals of the University" packet to be submitted to the new President after advisory board and trustee approval.

The search for a new president by the Presidential Search Committee continues as the list of potential nominees has been narrowed down to approximately twenty-four to thirty names.

November will bring with it the BoDeans, Third World, and the comedian Sinbad. Tickets for the BoDeans' November 15 on-campus gig will be an sale next Wednesday at eight dollars each. Sinbad's November 4 show will cost nine dollars a ticket. Third World will reach campus on November 7.

## New environmental group formed at Hopkins

by Audrey L. Reynolds

Last semester, Students for Environmental Action (SEA) was conceived because of growing concern on campus about environmental issues. This semester the SEA appears to be back in force, with high attendance and abundant enthusiasm. According to SEA president David Pyles, approximately eighty-five people regularly attend meetings, a sharp contrast to the fifteen members of last year. That makes the SEA one of the largest active groups on campus.

When asked about the phenomenal interest in the group, Pyles said, "The time has come where environmental problems are so intertwined in our lives, and so severe, that it's hard not to notice and feel that something needs to be done."

Last semester, the group headed a small recycling effort on campus for aluminum cans. It also co-sponsored a vigil in D.C. to halt the Altimira Dam Project, a series of dams on the Amazon that, if completed, would have flooded an area approximately the size of Pennsylvania. The group also participated in letter-writing activities and petition circulation.

This semester, in addition to expanding and improving the recycling program, one of the group's main goals is to increase awareness of environmental issues on campus. The group plans to do this through flyers, posters, and guest speakers. The group is also working closely with the Office of the Chaplain on planning Earthweek '90. Pyles praised the Chaplain, saying,

"She has helped us so much, helped us get on our feet."

The SEA is divided into various committees, each of which has a special focus. There are, as mentioned above, the Recycling Committee, which will deal with recycling on the Homewood campus, and the Education Committee, whose job is to make the campus aware of environmental issues.

The Energy and Water Conservation Committee is exploring

alternate power sources, and there is a committee being formed to protest the use of styrofoam. The Animal Rights Committee aims to inform the public about cruelty to animals, and it plans to promote responsible pet ownership. The Political Action Committee is involved in petitioning legislators, while the Forest and Chesapeake Bay Committees are aiding with the preservation of natural habitats.

## Jewish services to be at Goucher

by Erica Gum

The services of Kol Nidre and Yom Kippur held in years past on the Hopkins campus have been moved to Goucher this year.

Due to a scheduling mix-up at Hopkins and the wish to include the Jewish community of other area colleges, the decision was made to move the services.

Rabbi Joseph Katz believes that holding the services at Goucher is a positive move. Since students from other area colleges, including Goucher, have always come to Hopkins in the past, it is the turn for Hopkins students to go to Goucher this year.

Many Jewish students are going home for the three day weekend and so are unaffected by the move. For those staying, transportation is available to both services.

Katz notes that it is difficult to make all members of the Hopkins Community aware of the change. However, notices have been posted around campus, and fliers were given to all freshmen.

Both services will be Conservative and will be held in the Latzer Room at Goucher College.

The Kol Nidre service will begin at 6:15 p.m. on Sunday, October 8. The Yom Kippur service will begin at 9 a.m. on Monday, October 9.

Transportation to Goucher is available on both days on the regular Hopkins-Goucher shuttle.

Any student who would rather spend these holy days with a family in the community is asked to contact Rabbi Katz at x8349 or the College Services Department of the Jewish Community Center at 356-5200.

## APL

APL, from 1

taminated, he said.

The Superfund is at \$1 billion now, but Synar estimates that the cleanup will ultimately cost \$100 billion. The savings and loan bailout pales in comparison. He urged those in attendance to register and use their power to vote and urge the government to take a greater role in protecting the environment.

Mike Synar has represented the second congressional district of Oklahoma in the House of Representatives for six consecutive terms, since 1978. He sits on the Energy, Judiciary, and Government Operations committees and chairs the subcommittee on the Environmental, Energy, and Natural Resources.

## Synar

SYNAR, from 1

ing where wastes are generated and how the Lab handles their disposal.

John Goheen, an official at the Department of the Environment, indicated that the original reason for the investigations was a citizen request in December 1986 to evaluate the site. He also noted that certain "organic compounds" turned up in the production wells of the lab which were no longer in use. There was no evidence that the compounds leaked from the immediate site.

E.L. Cochran, APL Public Relations Officer, said that most of the complaint detailed "housekeeping violations" and that there was no evidence that the wastes presented either "a pollution or a safety problem." He noted that the APL had already complied with almost all of the regulations and that "discussions are still ensuing on the subject of the civil penalty, which has not been made fully clear." A formal appeal was registered by the Lab on August 28.



Amelia Earhart



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# Things are looking up, sort of

After a spring of frightening portents for the Arts and Sciences and undergraduates in general, the fall has proven more encouraging. Although there have been some worrisome suggestions of late (such as the proposition to merge the Departments of French and Italian Studies, resulting in the former's zealous reservation of airline tickets to Emory University), it is heartening to see ongoing commitment to the new Women's Studies program, forward steps in such troubled areas as Classics, and a new tenured professor in Mathematics.

Undergraduate life has resumed with a soothing sense of business-as-usual. The current freshman class seems to have allayed widespread fears that its increased size would yield a bunch of morons. (Indeed, the new group's statistics are even more impressive than those of last year's freshman class) The robust condition in which many student groups find themselves—from the *News-Letter* to *The Barnstormers*—is also encouraging.

Still, the absence of acceptable lecture hall space to house large, freshman-dominated classes such as Microeconomics and Contemporary International Politics should indicate that Homewood cannot suffer another boost in enrollment. One hopes this is apparent to administrators concerned by the overburdened faculty.

Student Council's persistent contact with Dean of Arts and Sciences Lloyd Armstrong has yielded some potentially effective committees to this end, and to the prospect that undergraduate concerns may actually be respected at the administrative level. The short-term monitoring committee and the Five-Year Plan Committee, ostensibly created as quality-control devices, are particularly encouraging. Maintain hope that the days of the Parking Committee are over.

Academics aside, the Student Activities Office is sailing with a full crew this year, notably with its new Student Activities Director, William Smedick. Though former director Susan Boswell (who has since become Dean of Students) is a hard act to follow, Smedick's amiable style and impressive qualifications bode well for coherent student support.

We are encouraged, too, by Funk Night's return to the Grad Club this fall, particularly in light of its success at the end of last year. The Grad Club's quick start this fall, with good programming and solid crowds, confirms a sense that the Hopkins community is significantly more interested in campus life now than in previous years.

All of which leaves us feeling better about Hopkins than we did as the year began. It is a credit to the efficacy of the Dormitory Housing, Student Activities, and Academic Advising Offices that the shift to a larger freshman class has been smooth, but burgeoning class sizes are already alarming. Broader, pivotal questions as to the direction in which the School of Arts and Sciences is headed remain unanswered. But there is dialogue, and we are encouraged.

## Coping with abuse

Going off to college for the first time opens doors to many new experiences. The tastes of freedom which accompany freshman year are often the first of their kind for students entering Hopkins. Campus life offers new people, places and ideas, many stimulating and imbued with the novelty of making most of one's own decisions. Unfortunately, an equal number of factors can make the college campus less than idyllic; stress, drugs, alcohol and other problems belie the Georgian simplicity of Homewood.

The Hopkins life can be a high stress experience, whether in the boardroom, classroom, or on the athletic field. To relieve the tension, or even to keep adrenaline flowing during exam periods, some members of the community turn to drugs as possible solutions to their problems. Conventional wisdom often fails to recognize that substances as undramatic as alcohol, nicotine, and caffeine can ravage the body just as marijuana and other hard drugs do.

Hopkins, like many other university and college campuses across the nation, is beginning to seriously address the potentially serious problems posed by substance abuse. The Faculty and Staff Assistance Program and the JHU Substance Abuse Prevention Program have teamed up to create a Wellness Program for the Hopkins Community. In a series of Learn at Lunch, brown bag seminars to be held throughout the year, the Program will stress not only education, but prevention of many problems that are faced by all of Homewood.

Although the first such meeting, held on September 26, addressed the issue of alcoholism and its possible genetic influences, substance abuse represents only one of the Programs many concerns. Other topics include nicotine addiction, loneliness, stress management, and the understanding of AIDS.

By tackling such large and complicated issues, the Wellness Program has shown that it recognizes the concerns of the campus and wants to help solve them. Serious substance abuse problems will no longer be ignored but rather faced as a community.

The success of the first Learn at Lunch session is an encouraging sign that Hopkins is beginning to take such programs to heart, and that there is some hope of living up to the classical ideal of an academic community sound in both body and mind.

## Letters

### Stemmler I

To the Editors:

Unfortunate as it is that Martin Stemmler had to be literally hit over the head (rather than only metaphorically), it is probably for the best that he had the opportunity to learn about class hatred while still young enough to recover. However, it is clear from his reaction that the important lesson being given by his attackers was repelled with more efficacy than their blows. And for any others out there who would both complain that some people begrudge you the fact of your college education and also suggest that students should receive better health care considering Hopkins' tuition costs of \$14,000 a year, I must ask the following: Are you quite sure that violence such as that experienced by Stemmler is truly without provocation?

J. Toby Mordkoff  
B.A. '86

### Stemmler II

To the Editors

The attack on Martin Stemmler illustrates inexcusable deficiencies in security on this campus. Several questions need answers.

Why is there no Lower Quad monitor in the evenings?

Martin's attackers chased him from the Lower Quad. It defies logic not to provide protection on one of the least well-lighted and most wooded parts of the campus.

Why do security officers seem to spend more time checking on buildings than protecting students?

It would appear the University's property is more important than its students. This, too, defies logic, as each undergraduate is worth \$13,000 or \$14,000.

I don't fault the staff of Security.

I do fault a misordering of priorities by Security's overly parsimonious superiors.

The main security problems on this campus are a lack of adequate lighting, and a lack of resources for Major Larkin.

How much would it cost to put in adequate lighting on the Freshman, Upper, and Lower Quads? Whatever the cost (another freshman or two perhaps?), the University refuses to spend the money. It is a sad irony that the only well lighted place on campus is Homewood House, which is not used by students.

If Major Larkin is expected to fully protect the students of this university, then he must be given the resources to hire more officers. Security needs enough manpower to assure the safety of all its assets—students and

See Stemmler, 5

# The Punchline

by Christopher T McColl

The punchline is this: the horror, the horror.

I don't get it. Everybody knows how vapid those C-horror movies are, right? Everybody has seen the scenes over and over again, and the characters have become unidimensional iron-on transfers that are just pressed onto film after film, right? So why are they still coming out? And why are they still as popular when the filmmakers capitalize on their own lack of originality? Jason is still running rampant, Hell is still being Raised, and Elm Street just can't seem to get a good night's rest. (Freddy's won't even stay home, they threw him in jail and now he's a shocker.) What kills me (if you forgive the choice of words) is that the victims always fall at the same point, the murderers always have the same background—but enough. My complaints are ineffectual. Let me instruct by example. Here is a scene from my ideal C-horror movie, "Night of the Living Halloween Critters on Elm Street in Hell, Part 24, The Honest-We-Swear-Even-Though-We-Said-The-Same-Thing-Last-Time, This-Is-Really-The-Final-Chapter."

SCENE 226:  
EXT., The woods nearby a developing suburb

226/Moving shot, panning around a dirt mound covered with leaves. Conversation from behind mound is heard.

Mike Aryan: Wow, you're even better looking than I thought you were on the track, Girl. (Kissing noises)

Screaming Girl: Gosh, Mike. You must work out a real lot to get muscles like these. (More kissing and moaning)

Mike: Yeah, well, the coach thinks I can win the shot-put and hammer throw again at the States this year.

Girl: Gosh, Mike. If the track

team had cheerleaders, I'd be one for you. But I guess my tanned, muscular yet slender, smoothly shaved legs which make me appear physically matured beyond my actual age are probably better suited to the quarter-mile anyway.

Mike: Yeah. Say, let's get naked. Rustling is heard as the two disrobe out of camera sight. Moaning and smacking is again heard.

Girl: Thanks for taking me bowling tonight, Mike.

Kissing, rustling, tearing and other sounds of passion.

226A/Perspective shot. Eyes of the murderer, Daryl the Psychopathic but Nearsighted Meatmaker. Breathing is heard as he erratically approaches Mike & Girl's mound. Visible on the camera lens are the outlines of his contacts and the fuzzy outline of the edge of his nose. He has sinus trouble. He moves slowly, stealthily forward until he is upon the mound. Suddenly a hair appears across the screen.

Daryl (muttering): Damn it! Eyelash! Darn contact!

226B/Mike & Girl lying down, camera on them from shoulders up. They appear naked. They are embracing.

Girl (breaking away): Gosh, Mike! Did you hear that?

Mike (ignoring her, groping): Hear what? You're just hearing the noise of the bowling alley still.

Girl: Gosh, Mike, stop! I'm serious. I think somebody's out there. (pause) You don't think it's the PSYCHOPATHIC MEATMAKER they've been talking about on the news, do you?

Mike: Way out here in the middle of nowhere, at least a mile from the nearest passer-by? He wouldn't have anybody to attack! Besides, I'm not afraid of old Nearsighted Daryl.

Girl: Gosh, Mike, you're so brave.

The two come together again.

226C/Sudden cut—Dead-on shot of Mike, Girl and dirt mound as a sledgehammer wipes out the bushes and small trees over their heads. Daryl steps up on top of the mound, and brandishes his weapon.

Girl screams.

There is a cloud of dust and dirt and leaves around Daryl. Mike and the Girl leap to their feet and turn to face the Psychopathic Meatmaker. We now see that they are not in fact naked; Mike has stripped down to his jeans, which remain spotless despite his tryst in the dirt. The Girl wears only lace panties (markedly odd for someone of her innocence and presumed inexperience) and high heels so that when she tries to run from Daryl she will fall and turn her ankle. Her state of toplessness reveals a set of gazongas that one assumes would interfere in her track career.

The camera moves up over the heads of the two teenagers and the Girl's screaming fades into "Fright Music." Lighting behind Daryl and the upward camera angle make him appear much more ominous than he really is.

Daryl: You're my mea-meh—

The amount of dust and pollen around Daryl takes its toll on his sinuses. He sneezes, and loses a contact.

Daryl: Damn! (He drops out of camera angle to look for it.)

226D/Camera Angle—Right side, on Mike and Girl, standing, breathing heavily. Mike flexes, looks worried.

Mike: Screaming Girl, you'd better get out of here!

Girl (screams this line): Gosh, Mike! I'd better take off these heels first so I don't twist my ankle when I run! I'll get help!

Mike: I'll deal with this character.

Girl turns and bounds off. Mike reaches forward, to camera's right, and disappears from the shot.

226E/Shot of Mike grabbing

Daryl's hair and yanking him forward off the mound. Daryl somersaults and stands up, shaking his head and still holding his weapon. Camera pauses long enough to notice that it is in fact a giant meat tenderizer. Camera closes in on Daryl's masked face. Tense chord sounds.

226F/Mike backs up, staggering. Looks generally defenseless, though he has powerful shoulders and rippling washboard abdominal muscles. He begins circling towards the pile of clothes to his left.

226G/Perspective shot, Daryl. The shot is blurred and wavers in a collection of tears at one side. Two images of Mike are visible.

Daryl's snorting, raspy breathing is audible. He wheezes, trying to catch his breath. A hand rubs over the tears. A streak remains; the vision is not improved.

226H/Daryl swings at one of the images. The wrong one.

226I/Mike braces himself to step out of the way, then realizes that, obviously, he does not have to.

He stares at Daryl, who swings wildly to Mike's right. Mike moves closer to the pile of clothes. Mike steps off-camera.

226J/Slow close-in on Daryl, now with his back to Mike. Daryl turns to face camera. The sound of rushing air is heard, as a fan might make.

226K/Slow-motion shot of Mike whirling a bowling bag around like a track hammer. In two steps he approaches close enough to uppercut Daryl severely.

226L-P/ Series of quick cuts. Daryl flying back, propelled by the blow.

226Q/Mike opens the bag, removes the ball.

226R/Daryl, now several feet away, slowly gets to his feet, rubbing his jaw and eyes and shaking his head. Birds heard fluttering around his head.

226S/Mike, normal speed, shot-

See Punch, 6

# Letters

Stemmler, from 4

buildings.

Students and their parents have invested in this university for an education; this investment must be protected as well.

As the attack on Martin showed, this is not happening.

The additional measures necessary to protect students would be less expensive than a lawsuit filed by an attacked student's parents. Unfortunately, Hopkins is content to gamble on its students' safety, and that a tragedy, from which a lawsuit would stem, will never happen.

Erica Gum

## Shriver I

To the Editors

In response to Laura T. Landman's letter regarding the murals in Shriver Hall, please allow me to provide some historical information. While I cannot address the issue of sexism represented in the murals, I can state why the paintings exist and why they are located on this campus.

Upon his death in 1939, Alfred Jenkins Shriver, a Hopkins alumnus from the Class of 1881 who became a prominent legal expert, left the bulk of his estate to The Johns Hopkins University for the construction of a lecture hall. The bequest was made contingent, however, upon the Board of Trustees agreeing to have eight murals placed in conspicuous areas of the building. Had the Trustees not agreed to these terms, the bequest would have been withdrawn and offered to Loyola College and Goucher College, respectively, subject to the same conditions.

The Hopkins Trustees accepted Shriver's bequest within the

specified time frame. Due to the Second World War, planning for the new building was delayed. When Shriver Hall was finally completed in 1954, artists were commissioned to paint the murals, and the last of the paintings was done by 1956.

Shriver dictated the subjects and content of all eight murals. One of the murals, known as the "Famous Beauties of Baltimore", represented the ten most beautiful women of Shriver's era (in his estimation). This mural caused a storm of controversy when Shriver's will was published; several of the women to be portrayed were initially opposed to the idea. Two of the other murals depict the original faculties of philosophy (arts and sciences) and medicine. These paintings portray only men because the faculties of both institutions were entirely male.

Thus, while we may debate the suitability of these paintings for the Hopkins campus, their presence and content were dictated by the terms of Shriver's will, terms that would presumably prevent the removal of the paintings.

James Stimpert  
Assistant Archivist

## Shriver II

To the Editors

Miss Laura T. Landman's letter in your Sept. 29 issue calling for the removal of allegedly sexist murals in Shriver Hall provides evidence of serious shortcomings in our freshmen orientation program. Miss Landman reports that new students are made aware that Hopkins will tolerate no discrimination against women or other groups; her let-

ter's proposal suggests that freshmen have not been made aware of Hopkins' dedication to preserving and disseminating our cultural heritage. Given her premises, the paintings of nude women at the Baltimore Museum of Art, obvious examples of sexual exploitation, would be removed from sight; similarly, a case might be made for hiding the mother-with-child images at the Walters, which testify to circumscribed career models for women. Perhaps our newly funded Women's Studies Program could lend a hand in making up for the orientation program's inadequacies in the educational area.

Avrom Fleishman  
Professor of English

## Bookstore Crime

To the Editors:

Apparently overpriced books are not the only problem purchasers face at Barnes & Noble. In last week's crime report section, the *News-Letter* identified three incidents of theft from the lockers outside the bookstore.

Barnes & Noble management seems more concerned with customers bringing in bags and packages than with providing a secure storage facility. While requiring the bookstore to supply a staff member to watch checked property may be somewhat excessive, it is Barnes & Noble's responsibility to provide a secure facility for property. The lockers that the store does offer its customers are not only an open invitation to theft, but are also totally inadequate for the number of customers that use the store at peak periods.

At a minimum, Barnes & No-

RIGHT NOW, AT THE U.S. JUSTICE DEPARTMENT...

"I KNOW BILL, THIS HOPKINS INVESTIGATION IS REALLY DRIVING ME NUTS!"



"I KNOW WHAT YOU MEAN, BILL. THIS MULLER GUY LOOKS PRETTY CLEVER—HE'S GOT HIS TRACKS COVERED. I'VE ONLY BEEN ABLE TO DIG UP A FEW THINGS."



LIKE WHAT?



WELL, A WOMAN FROM THE ADMISSIONS AND FINANCIAL AID OFFICE WAS ABOUT TO TESTIFY, BUT SHE CHICKENED OUT AFTER A CLOSE CALL WHEN AN UNIDENTIFIED ASSAILANT TRIED TO RUN HER OVER WITH A HOPKINS GOLF-BUGGY... ALSO, OUR TAP ON BOSWELL'S PHONE ONLY YIELDED A FEW "PHONE SEX" CALLS AND AN EXCESSIVE NUMBER OF PRANK CALLS TO SOMETHING CALLED "C.C. CARRY-OUT."

"I DUNNO, BILL... I HATE TO SAY IT, BUT HOPKINS MAY SIMPLY NOT HAVE DONE ANYTHING WRONG... MAYBE—MAYBE THIS GUY MULLER REALLY IS CLEAN..."



YEAH... S'POSSIBLE. HE SURE DOESN'T LOOK LIKE THE CRIMINAL TYPE..."



UHADDAYA MEAN THE GOLF-BUGGY MISSED?! I THOUGHT I SAID I WANTED THAT SOB!! DEAD!!!



## With Eyes Closed

by James Rosen

ble should offer free, working lockers to its customers. This is not an airport and students and staff should not have to pay for securing their property, especially when the bookstore forces you to leave your possessions outside the store.

Student leaders should address the question of security in their talks with Barnes & Noble, let us focus on an important change that we can achieve in the near future.

Jonathan Roberts

## An Open Letter to Students

Dear fellow students:

Within the next week, you should find a questionnaire in your campus mailboxes concerning the Campus Bookstore. This multiple choice questionnaire has been

designed to be completed in less than 90 seconds and can be conveniently deposited in the campus-mail collection box in Gilman Hall or campus-mail in the dorms.

We created this questionnaire to examine two issues that, until now, have gone unaddressed—competitive bidding and concern over prices and service. As students and as members of the Student Council, we feel that it is inexcusable for the University to fail to seek competitive bidding less than once every four years on contracts for the Campus Bookstore. At this time, Johns Hopkins has not sought competitive bidding on the bookstore since 1981 when a contract with Barnes & Noble was signed.

We feel that only a policy of competitive bidding on a regular and frequent basis can provide a bookstore that continually strives

to improve its service and to provide customer satisfaction. It is both in the interest of this university and the student body to pursue such a policy. This would facilitate higher rent rates for the university and lower prices for the students. After all, the bookstore is for the Hopkins community, of which the student body is the largest constituent.

We are also aware of some of the complaints that some of you have regarding prices, policies, and service at the bookstore. We would like to find the best solution to these problems for the university and for you, but we can't change the present situation unless you help us. So fill out the questionnaire and tell us what you think is being done well and what needs to be improved.

Charles Stewart  
Art Yoon

# GRO News

## Graduate Symposium

Every year, the GRO sponsors a Graduate Symposium. Readers may recall that recent topics included "Political Expression in the Arts," "Our Unexamined Debts," "Government Corporations and the University" and "The Future of Politics in the Media."

The GRO will be accepting proposals for this year's symposium from now until October 25. Proposals will be presented and voted on at the GRO council meeting on that date (Conference Room A).

We have a budget available for speakers, publicity and salaries for the organizers—as well as miscellaneous materials, resources, and of course an office to use.

If you have an idea, or know of other who do, give it some thought and come up with a final proposal. Then submit it to us. Your proposal should include an overall theme, as well as the sessions proposed, and the speakers you would like to see present.

Proposals should be sent via campus mail to the GRO, Levering Hall—or just drop it off yourself at the office in the SAC area.

If you'd like more information about putting together a symposium, give us a call at x7682.

GRO council meeting times have been changed to 5:45 p.m. The next meeting is on Wed., Oct. 11, Conference Room A.

## GRO Funding

The GRO encourages and supports a wide variety of graduate—student activities, events and programs. Our budget includes funds available for bringing speakers to campus, showing films, holding cultural

events, and for just good old entertainment purposes. Everyone is free to apply, and all requests will be considered, usually in the presence of the applicant if he or she chooses to attend the council meeting at which the matter is to be discussed (which indeed we usually request).

However, there are certain guidelines which have to be adhered to when applying. These are as follows:

1. Each request must be received in writing at the GRO office (in Levering) at least two weeks prior to the proposed event.

2. A budget for the event detailing all costs must be included.

3. The anticipated type and size of the audience for the event must be indicated. Funded events should ideally appeal to a large cross-section of the Hopkins graduate community.

4. The proposed event's organizers must be prepared to present their request to the GRO Council. Usual topics of discussion will include: how the event will be promoted, why the event is of interest, and what other sources of funding the applicants have contacted or will be contacting.

5. Requests for general entertainment—i.e., parties—will be considered. But the event must be open to all graduate students and must be well publicized. The total amount of funding requested should not exceed \$2.00 per person. A discussion of publicity methods and expected costs must be included in the initial written request.

Provided these guidelines have been heeded, funding request will come before the GRO Council at the next scheduled council meeting. Organizers should contact the GRO office for the time and place of the council meeting at which their request will be

heard. Every effort should be made to attend the relevant meeting.

If the event is funded, all publicity must indicate the GRO as sponsor. Unless the organizers have a separate university account, no money can be provided before the event is held. Only documented expenses—such as original sales receipts, invoices and so on—can be reimbursed.

## GRO Positions

At its last council meeting, the GRO filled three of the hitherto vacant positions for the academic year 1989-90. These were as follows:

Handbook Editor . . . . . Bonnie McElhinny  
Office Coordinator . . . Catherine Francis  
Secretary . . . . . Doug Munro

The handbook, *The Hopkins Guide to Living in Baltimore* (Baltimore: GRO Publications, 1987, and revised 1988), will probably need some fairly serious revamping this summer, so if you fancy helping Bonnie out, contact her at the GRO office nearer the time.

Meantime, the GRO still needs an *entertainment coordinator*. This is a six-dollar-an-hour job that will take up between two and five hours of your week.

Also, the GRO needs students in Arts & Sciences to serve on an advisory committee to Dean Armstrong.

If interested in either of the above, contact the GRO office.

Editor:—Doug Munro  
Please submit all letters and articles to the editor's mailbox in Political Science by 5 p.m. on Mondays.

## Letter Policy

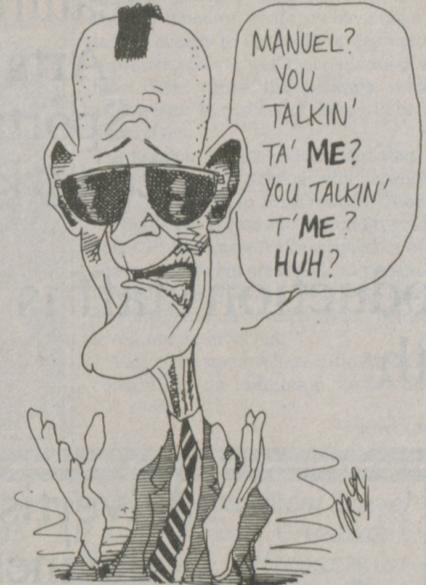
The *News-Letter* welcomes letters to the editors. Letters must be typed (double spaced) and include the author's name and telephone number for verification purposes. No letter longer than 300 words will be printed. The *News-Letter* reserves the right to edit for condensation. Letters must be delivered to the Gatehouse by Tuesday at 5 pm for inclusion in that Friday's paper. Once a letter is delivered it becomes the property of the *News-Letter*. Letters must be signed by at least one and no more than two persons. Letters credited only to organizations will not be printed. Due to the volume of letters received, not all can be printed; we reserve the right to limit the number of letters printed in a given issue.

## GRO Representatives

The following is a list of all the names of those grad students who have positively identified themselves to us as their departmental representatives:

Biology . . . . . Dan Ferber  
Biomedical Eng. . . . . Andy Karduna  
Biophysics . . . . . Don Haynie  
Chemical Eng. . . . . Pat Parsons  
Chemistry . . . . . Sarah Morse  
Earth & Plant. Sci. . . . . Steve McDuffie  
ECE . . . . . Sue Weller  
Economics . . . . . Margaret Quan  
English . . . . . Charles Dove  
German . . . . . Geoffrey Hale  
History . . . . . Yunlong Man  
Near Eastern Studies . . . . . Eleanor Cussini  
Philosophy . . . . . Jonathan Brody  
Physics & Astronomy . . . . . Steve Mrenna  
Writing Sems . . . . . Catherine Francis.

We need more of you. It is up to you and your department to choose and send representatives. So please do come up with a few names and hold an election or two. We cannot force any department to send a representative, and we cannot force existing representatives to attend meetings, but your cooperation on this matter would be very much appreciated.



TRAVIS BUSHEL

## Errata

In last week's news article discussing the Department of Justice's price fixing investigation of Johns Hopkins, statements by Robert Bloch, a Department of Justice attorney investigating the case, were misattributed.

Bloch, chief of the department's "Professions, Intellectuals, and Properties" division which is investigating the case, had actually said that any civil injunction that the government might seek to attain would be for a violation of the Sherman Antitrust Act. It is Section 4 of the Clayton Act, according to Mr. Bloch, that allows for individuals to sue for treble damages resulting from Sherman Act violations. This is the nature of the the class action suit already filed by a Wesleyan student. The *News-Letter* regrets the error and any misunderstanding that it may have caused.

# All The World's A...

by Jack Hom



## The Punchline by Chris McColl, Part II

Punch, from 4

puts the bowling ball straight at Daryl's abdomen.

226T-V/ Several angles of Daryl taking the ball full in the gut, again flying backward.

226W/ Final shot of Daryl is head-on. He flies back into a tree,

and slides down its trunk into a heap.

226X/ Perspective shot-Daryl. Looking up at the night sky from the ground as two blurred figures approach to leer over him.

Mike: Well, I guess I gave him what for.

Girl: I came back as soon as I

could, Mike. I had to be with you! The police are on their way.

Mike: Well, he's out of commission. Say, why don't we finish getting naked while we're waiting for the police?

Girl: Gosh, Mike, okay! Fade to black.

# The News-Letter Needs You!

Writers are needed for the following sections:

- News
- Features
- Arts
- Sports
- Editorials

Production staff is needed to help with:

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# Activities Calendar

Friday, October 6

- 7 p.m. Blue Jay Soccer meets Dickinson College on Homewood Field.
- 8 & 10:15 p.m. The Senior Class Film Series presents *Enter The Dragon*, in Shaffer 3.
- 8 & 10:15 p.m. Weekend Wonder Flix presents *Batman* in Shriver Hall.

Saturday, October 7

- 2 p.m. The Blue Jays go up against Ursinus in football on Homewood Field.
- 8 & 10:15 p.m. The Senior Class Film Series presents *Enter the Dragon* in Shaffer 3.
- 8 & 10:15 p.m. Weekend Wonder Flix presents *Batman* in Shriver Hall.

Sunday, October 8

- 6:15 p.m. Kol Niedre services will be held in the Latzer Room at Goucher College.
- 7 & 9:30 The Reel World presents *The Idiot* in Shriver Hall.

Monday, October 9

- 9 a.m. Yom Kippur services will be held in the Latzer Room at Goucher College.

Tuesday, October 10

- Noon Mid-week service in Levering, sponsored by The Office of the Chaplain.
- 7:00 p.m. Hopkins Field Hockey meets Washington College on Homewood Field.
- 9:00 p.m. Movie Nite at the Grad Club with a presentation of *The Thin Man*.

Wednesday, October 11

- Noon The Wednesday Noon Series presents "Resolving Conflicts in Intimate Relationships through Cognitive and Communications Skills" with Norman B. Epstein Ph.D. in the Garrett Room.
- 7:00 p.m. Gynecology-Safe Sex Education Game Show presented by the Office of Student Activities in the Great Hall.
- 7:00 p.m. Hopkins Soccer meets Western Maryland on Homewood Field.
- 7:30 p.m. *Lola Montez*, directed by Max Ophulf will be shown at the Medical School in the Main Auditorium of the Pre-Clinical Teaching Building, followed by a presentation by Dr. Susan M. White.

Thursday, October 12

- 7 p.m. First Self Defense Class; sign up in advance in SAC office. To be held in the Garrett Room.
- 9 p.m. Funk Nite return once again to the Grad Club. \$1 cover charge.

Friday, October 13

- 4:30 p.m. Hoppy Hour at the Glass Pavilion.
- 8 & 10:15 p.m. Weekend Wonder Flix presents *Lethal Weapon 2* in Shriver Hall.
- 8 & 10:15 p.m. Senior Class Film Series presents *Tommy* in Shaffer 3.



# Serious abuse of alcohol, caffeine problematic among college students

ALCOHOL, from 7

Godenne. "Many people say, 'Hey, I don't get DT's when I stop drinking, so I'm no alcoholic.'"

Godenne says this conclusion is false—that psychological, rather than physical dependency is the greater problem.

Alcoholism is a disease like any other, and once a person is alcoholic, the addiction, like other diseases, takes a course of its own. It is a fatal and progressive disease that needs treatment, and will not go away on its own.

"Once past the point of alcoholism," says Geckle, "successful drinking is no longer an option. What makes addictions different from other diseases is that they are diseases that tell you you don't have them. But eventually they'll trip you up."

Nevertheless, many people have difficulty seeing alcohol as a drug substance, while "harder" drugs are the danger to be avoided at all costs.

"People don't consider alcohol a drug," says Martin, "because they say, 'It's my drug, so it's O.K.'"

According to Martin, society is ambivalent about alcohol because, though a drug, its responsible use is a traditional aspect of society. Ironically, abuse of alcohol results in the deaths of more people per year than all other drugs combined, several times over.

But how and why does someone become alcoholic? The answer varies from individual to individual, but it is clear that alcoholism and other addictions are the symptoms of deeper, underlying problems. Much of it starts in the nation's high schools, where statistics show that alcohol abuse is extensive.

According to Dr. Godenne, stress has been linked to abuse, which may come from the instability of the user's family life or other adolescent pressures. While no one cause can be isolated, it is evident that many adolescents turn to alcohol for answers.

"The person is feeling pain," says Martin, "and one drink makes it feel better. Two drinks makes things seem even better."

Peer pressure is also clearly a factor. "There is a noticeable setting aspect to drugs," says Martin. "Where you are and who you're with will determine your use and abuse of drugs."

Many users drink to make themselves more socially aggressive, or to make themselves

feel a part of what's going on at a party.

"It allows people with weak self-esteem to feel more confident, and to fit in better with a crowd," says Marilyn Gall, CRNP at the Student Health Clinic.

Studies show that fraternities have a large role in providing alcohol for use and abuse. According to Martin, "This is because the social life revolves around the fraternities, and the fraternity parties revolve around alcohol."

Responsible drinking is possible at these parties, if the user has it within his or herself to maintain control. "People fulfill their own expectations at a fraternity party," says Martin. "If they say to themselves, 'I'm going to get trashed,' they will."

Unfortunately, many mistakenly see alcohol as the only reason for the existence of fraternities. "Some pledges say they're going to join a fraternity," says Godenne, "because it allows them easier access to alcohol from some of the older brothers."

As a national phenomenon, trends in drug abuse can be observed. In general, college populations are no different from the population at large.

"This isn't surprising," says Martin. "Alcoholism is a societal problem, and as a university, we reflect society."

As a university, Johns Hopkins is standard in its drug consumption. According to Dr. Godenne, other school psychologists complain of the same problems of abuse with equal frequency.

"Studies show that alcoholism is an equal opportunity disease," says Geckle. "It strikes across boundaries of sex, race, creed and socio-economic background."

Surveys show that 90 percent of all incoming freshmen have tried alcohol at one time or another, and of these, 1 in 10 are alcoholic. The best statistics available refer to the freshmen classes. Among freshmen, alcohol consumption increases from fall to spring, then settles with few dramatic changes, and a trend towards moderation.

After college, many students will stop drinking entirely, or drink responsibly. Ten percent of those who drink will have to contend with alcoholism.

While use of alcohol is increasing amongst students, use of hallucinogenics has decreased in the past decade, marijuana having reached its peak use in 1979.

"The decrease is due to greater awareness," says Godenne, "and

the fear of bad trips. Drug abuse has not increased or decreased per se, but has shifted from one form to another."

Scott Holupka, Research Assistant to the Substance Abuse Prevention Program, agrees. "People are altering their minds as much as ever," he says, "but the manner in which they do it has changed."

Other trends are emerging, indicating that while women previously appeared to have lower incidence of alcoholism than men, they may use alcohol as often as men, and may merely develop the disease later and faster than men do.

In order to prevent drug abuse, including alcoholism, the Substance Abuse Prevention Program has developed the Wellness Program. Developed for faculty, staff and students, its goal is to teach alternative life skills, such as stress management, assertiveness, decision making, and dealing with emotions.

"Just Say No" doesn't work," says Martin, "because you're not telling the user what to say 'Yes' to. You're not telling them what to replace the drug with."

Geckle agrees. "Just Say No is bull," he says. "It's like telling someone who's clinically depressed to have a nice day."

On the contrary, the Wellness Program is designed to teach students how life skills properly used can help solve problems that alcohol can only temporarily evade.

For those students who are alcoholic, or who feel they have the potential for drug problems, counseling is available on campus from both the White House and from counselors like Geckle. It often isn't easy for friends to get the abusers to show up.

"Many people come in with footprints on their backsides," he says. "But once they come in, I just try and assess the effect of the drug. Addictions are predictable, and folks can be shown where they are and what they can do about it. I encourage them to experiment to find solutions for themselves. Alcoholics Anonymous meetings can also give them a lot of support."

Geckle encourages students with problems to come forward and ask for help if they need it. His job is to help the student deal with his or her abuse and withdrawal from the substance, and work to change the behaviors that caused it in the first place.

"Anxiety is nature's signal to deal with problems. When you instead take a chemical vacation, it doesn't help the anxieties. It just

warehouses them. Seeking help is not about dumb people getting smart, or irresponsible people getting their act together: it's about sick people getting well."

Geckle says the key to behavior change is in the individual's motivation.

"You can't think yourself into living right," he says. "You have to live yourself into thinking right."

Both Geckle and Godenne emphasize that counseling is completely confidential. Anyone requesting information as to a student's treatment must consult the patient personally or receive nothing.

Alcohol is certainly not the only drug used on campus. Other drugs common to students are nicotine and caffeine. According to Gall, nicotine use has dropped off dramatically in the last five years, as students are more aware of lung cancer and other harmful effects of smoking. Over time, even those students who continue to smoke are seeking cessation programs.

"Caffeine," she says, "is frequently abused, and has a fair number of addicts on campus."

Caffeine can be taken through coffee, tea, and over-the-counter forms such as No-Doz or Vivarin. According to Gall, abuse is especially evident before exams:

"Students come in with symptoms of stomach pain and nausea."

Extended use of caffeine can lead to far more serious consequences, she says. "Abuse can lead to heart palpitations, periods of anxiety, epigastric irritation, nausea, and incidence of peptic ulcers."

Although drug abuse continues to be a widespread problem on campus and in society at large, both education (through prevention programs) and treatment for addicts are openly available to those who need them. Prevention and treatment programs are there to help the student[s] achieve their full potential independent of chemical hindrance.

Program counselors and coordinators of these programs emphasize that they do not attempt to oversimplify the problem, or moralize about solutions. For them, drug abuse is like drowning in something you could just as easily swim in, and the answer may not be to "just say no," but rather, to know when to "just say whoa."



The only person I know who was using cocaine last year is pretty remorseful about it. I don't see [drug abuse] as a huge overwhelming problem here. If you want it, it can be found. It's not like you have to go down to some seedy part of Baltimore to find it.

—Jessie Johns



Probably alcohol is the biggest problem, in my opinion. I don't think [drug abuse] is a general, widespread problem. I think the people that are using drugs would be failures anyway. They would find something else to ruin their lives.

—Claire Rutiser

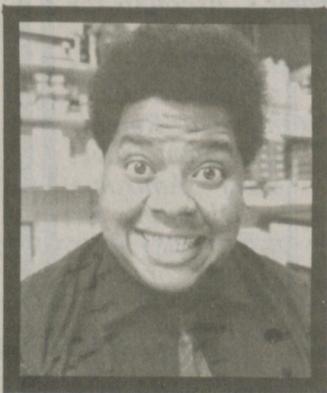


There was a person here who sold marijuana and that person's connection was a policeman in the New Jersey police force. He would come here, in his police car, with it in his trunk.

—Michela Worthington

photos by Berit Goro

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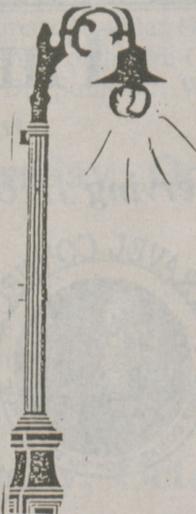
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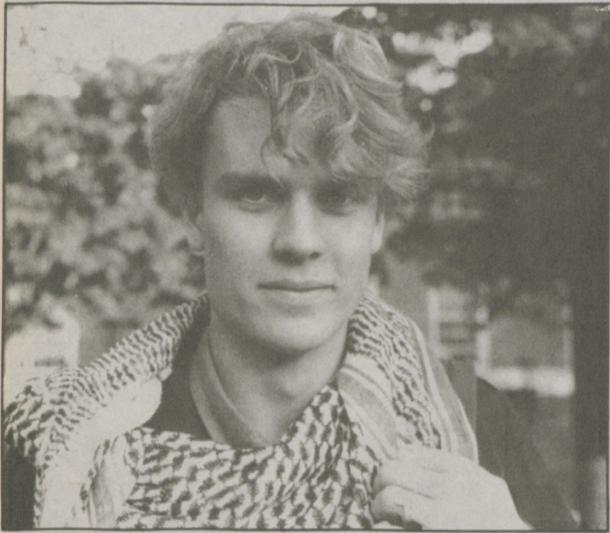
I don't see why it has to be there. It's kind of disappointing with the kind of caliber students here and at the same time they use drugs. It's kind of contradictory to me. That seems like another world, though, at the parties. I guess people just let everything loose.

—Cindy McGinnis



There are a lot of people who smoke pot and hash. More people use those than cocaine or heroin on campus. The majority of people I know are using it recreationally. You will always have drugs in society, so I would rather see it done in a controlled, educated, aware environment.

—Aaron Wachhaus



## Illegal drugs not uncommon at JHU

DRUGS, from 7

people who enjoy partying, getting drunk now and then, and generally looking for a good time. Many start with alcohol, getting drunk with more regularity; others start with simply smoking cigarettes and after a while getting bored of the relatively weak effects of nicotine.

This leads the way to experimenting with marijuana, getting high, and mixing drinking with smoking dope. Many students stop at this point, continuing their partying ways and getting high occasionally.

"I don't like the connotation of causality—which the stepping stones image has," says Holupka, "but the progression is definitely there."

The more serious users, however, move on to harder drugs such as shrooms or cocaine. If the problem continues beyond this point, it usually leads to LSD or acid, with the addict frequently mixing drugs to moderate their effects.

After taking shrooms, for instance, the user may smoke some marijuana to calm himself, and then to pump himself back up may take a dose of cocaine. Holupka guesses that no more than 10-15 percent of the student population ever reaches this stage.

On the average, Holupka guesses it takes about three years for people to realize that they have a problem. "A lot of times they'll have a bad trip or something and say, 'I'll cool it for a while,' and other times they'll say, 'Well drugs are all right, but they're not for me.'"

The problem most of the time, however, is that the swearing-off if rarely forever. Many users will stay clean, sometimes up to even a few months at a time, and then lapse back into their old ways, often worse than before.

The "drugs are OK, but they're not for me" statement, however, is a common one heard at Hopkins. Many students who don't use drugs will see their use at parties and simply close their eyes or walk away.

"What a lot of kids don't know," says Reiss, "is that if we bust a party with drugs, we can detain everyone for questioning."

Such measures, though, are extreme and are almost never taken. The police can, and have at other campuses, arrested an entire fraternity at whose party the

brothers were using and distributing drugs.

On campus, the dealers are students. Most dealers will only have a stash for a limited time, and when they sell out, distribution goes to another student. This revolving dealership makes it harder to track down a source at any given time. When a dealer has a product, he is said to be "handling" or "holding." With this jargon, those who want to know can find out who is currently selling without actually mentioning the product. Jane could be "handling" one week, and John could "have the bags" the next.

Most dealers buy pot in quarter to half pound amounts and sell it in quarter ounce bags. They buy cocaine in an amount known as an eight-ball and sell it by the half gram. A quarter ounce of marijuana runs anywhere from \$40 to \$45 usually, with Jamaican-grown at around \$55 and some blends as high as \$70.

Shrooms, sold in the same quantities as pot, run about \$5 higher. John told a story of a dealer several years ago who sold his batch for \$35 and glutted the Hopkins market. He sold out within a day.

Once initially started, dealers are able to finance themselves. What usually happens, according to John, is that the dealing students begin with a sum of money, like \$1000, from their parents. They initially invest this into their first shipment buy. Afterwards, the profits they generate allow them to cover their operating costs, as well as to support their own drug habit.

Dealers get their shipments from major local sources who handle many other dealers. Major shipments of marijuana are said to come from College Park. The drug is air-dropped in the College Park area once a week and distributed to most of the major colleges in the Baltimore region. Dealers are able to order pot by the pound, the price running between \$1200 and \$1600.

The dealers themselves maintain their own security by knowing each customer personally. This makes it difficult to infiltrate the drug circle on campus. Perhaps the only way for a bust to be made is if an informant reveals the dealer's identity.

Some students grow their own marijuana, but this is usually not for major distribution. "Some," says John, "grow it to use for personal consumption, others just



News-Letter File

Dr. Ghislaine Godenne, director of health services at the White House.

for the sake of growing something illegal."

Most students who grow their own, limit themselves to one or two plants, but there are stories of some apartments or houses which have entire rooms devoted to the project, with some fifty plants and growing lamps.

Some students with drug-problems go to the White House for help, but according to Dr. Godenne, Director of the White House, not enough make use of this facility.

"The students we see either come in because they have somehow gotten into trouble and their problem has been reported or they come in with another problem with drugs being the underlying cause."

Only 5 percent of the students seen at the White House came in for the specific problem of drug abuse. Dr. Godenne estimates that approximately 20 percent of the students seen use drugs, 30-35 percent if alcohol is included in those figures.

According to Godenne, the number of marijuana and cocaine cases are about equal. Other drugs do not seem to be as much of a problem. "We're seeing fewer psychedelic drugs than we have in the past."

Dr. Godenne encourages students who think they may have a problem to come in. "Most people won't come in of their free will, but everything here is completely confidential and they really have nothing to fear."

The counselors try to deal with the reasons abuse starts in the first

place - depression or anxiety to name a few - and refer the patient to the resident drug abuse counselor, Dr. Paul Geckle, for the actual addiction. "I am also a firm believer in the anonymous organizations, such as Alcoholics Anonymous or Narcotics Anonymous," says Dr. Godenne.

John thinks that the best way to deal with the drug problem is to spread the knowledge of what their effects might be on one's life as a whole.

"Clamping down is not the answer. Ex-addicts should talk to their buddies; they should talk in seminars. Druggies won't listen to someone who hasn't used drugs because he hasn't had any first-hand experience with the drug. The reformed addicts should tell what the drug did to them. Examples should be given."

Examples such as students who come through Hopkins for three years, supposedly without a hitch, only to break down in their senior year. Illicit drugs, such as marijuana and cocaine, are perhaps the most responsible, behind alcohol, for students dropping out. Whether it is simply that a user finally loses his mind on a bad trip or a slow disintegration of grades, there are numerous cases of students dropping out because of drug abuse.

As one ex-user put it, "Drugs \*\*\*\* up a lot of kids. A lot of them think they can handle it, but can't. The trick is not to start. If you shelter yourself, you're golden."

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# Pete Bravado, Beleaguered at Home and Abroad

by Anne Langley

Though a perennial symbol of personal tragedy and moral outrage, the Vietnam War is a part of history, an event of the past. The story of Pete Bravado, told in Susan Fromberg Schaeffer's "Buffalo Afternoon," is a classic Vietnam story, told in a style that asks more of the reader than automatic disgust at the wastes of war. As Pete's life unfolds in the novel, Schaeffer wraps it around the reader, engulfing him or her in Pete's psyche. By the time "Buffalo Afternoon" is hit with the emotional onslaught of Vietnam, the reader's investment in Pete is total and unconscious.

"Buffalo Afternoon" benefits from Schaeffer's even hand as a novelist. For though the novel is close, and even intimate with its characters, Schaeffer chooses no side and takes no stands. Indeed, it isn't until late in the novel that any sort of political agenda appears, at which point the reader has already drawn his or her own conclusions. Vietnam becomes an issue through Pete, not through any intrinsic political or social weight. Clearly, for Schaeffer the point is personal, and every aspect of the Vietnam Experience is magnified—if occasionally distorted—as a result.

Pete is a sensitive and inescapably complicated man, someone who has been created, destroyed, and resurrected in his attempts to fit into society. His ambivalence toward the social and political import of his duty in Vietnam makes his story a difficult one to render. But Schaeffer's intricate narrative layers, which constantly alter the psychic distance between Pete and the reader, give her a wide range of colors with which to paint Pete for the reader. The structure of the novel itself, which is less regimented, allows her to wade through ethnic, social, psychological, and spiritual idioms without tripping up the feel of the story.

The first portion of "Buffalo Afternoon" charts the immigration to America of the Bravado family, sketching Pete's family life and his development as a child. Schaeffer packs an amazing number of years and people into these pages, as she conveys the intricate relationships within Pete's extended—and extensive—Italian family. From Pete's brief, intense connection with his grandfather to his caring, but tentative relationships with the women in his family, Schaeffer captures nicely the social and psychological oddities of the Bravados. Her characters have roots in com-

mon stereotypes, but they refuse to lock neatly into them.

Pete Bravado's biggest problem is his father. George Bravado does not understand his son, and (as with everything he cannot fathom), he tries to place Pete under the umbrella of his experience. George makes it difficult for Pete to study, even to stay in school, and he constantly berates Pete's humanist values. Adolescent Pete deals with this suppression by reflecting it inward: "[Pete] had learned long ago it was best not to say too much. If you kept quiet, no one could run into the kitchen and make fun of what you just said. According to his father, everything he said was stupid or crazy." George's effect on Pete, whose sensitivity makes him an easy target, is tangible and definite. His influence eats away at Pete throughout the novel, pinning him down and overshadowing over his personality.

Despite overt attempts to save Pete by his mother and grandmother—they don't have the strength to pull him from George's chokehold—Pete turns his virtues on himself. His sharp mind, so well attuned to the intricacies of human

Schaeffer avoids hyperbole in describing the War by letting Pete—not her own politics—do the talking.

behavior, reverts to vandalism and truancy, resulting in reform school and, down the line, even gloomier prospects. Schaeffer's rich, complex presentation of the situation confounds the first part of the novel and disjoins it at times. But often she cuts right to its center, leaving no doubt as to her characters' motivations.

Unable to resolve his anger at his father, Pete decides to escape. With his mother's reluctant consent, he enters the Army at seventeen and is immediately sent to Vietnam. Instantly Schaeffer's strength as a novelist becomes apparent: the middle portion of the novel, dealing with Vietnam and Pete's experience there, is explicit and compelling.

Schaeffer does not try to recreate the War or use its grotesque aspects to add to her narrative. Instead, she records the emotional experience of



Jerry Bauer

Susan Fromberg Schaeffer—her novel "Buffalo Afternoon" is built around an evenhanded narrative that emphasizes the voice of her protagonist, not her politics

the soldiers in Vietnam, with Pete Bravado as her lens. The War's physical realities resonate in Pete, whose emotions the reader can gauge at this point. Schaeffer avoids hyperbole in describing the War by assuming an admirably evenhanded, distant position in the narrative: she lets Pete do the talking, so to speak, and the psychological power of the effect is impressive.

Upon Pete's return from Vietnam, "Buffalo Afternoon" lapses into a convoluted and somewhat sluggish account of Pete's experiences as a "typical" veteran. Persecuted by society and tortured by the unresolved violence within him, he indeed seems archetypal. But Schaeffer manages to enrich this otherwise familiar tale by

weakest moments. As a thread through the novel she includes a "second voice," the narrative of a Vietnamese woman whose overall role in the novel is never clear. Although my curiosity about this character was acute at first, Schaeffer never completed the connection between her and Pete Bravado, leaving the novel with an uncomfortable structural hole. Like several other extraneous elements in "Buffalo Afternoon," this voice proves too much for the novelist to support.

Still, these flaws are minor distractions. Despite its rambling final section, the strength of Pete Bravado rings throughout "Buffalo Afternoon." Though beleaguered by his past, and ostensibly without recourse, Pete doesn't reject his history. Instead, he transcends it and pulls his haggard self in a new direction, undaunted by the future's gloomy prospects.

"Buffalo Afternoon," by Susan Fromberg Schaeffer, published by Alfred A. Knopf, Inc. \$19.95.

Though Schaeffer's rich narrative often confounds the reader, it can cut right to the emotional center of a scene.

delineating further the character the reader already knows so well. As a result, the marriage, divorce, violence, and depression that riddle Pete's life after service take on new dimensions. Unfortunately, Schaeffer leaves too much of this territory uncharted; she becomes lazy in examining Pete's thoughts and motives.

Several chapters in "Buffalo Afternoon" are confusing and unclear; they represent Schaeffer's

"Night," said Pete, "doesn't fall. It rises."  
"Sure," said Sam, smiling. "Sure, kid," and he reached over and squeezed Pete's shoulder, and for a moment Pete felt real, felt as if he had weight, felt as if everything around him were real and not part of some giant stage set. Before he hadn't realized how canceled he felt, as if he were part of a dream, but the dreamer was gone. He hadn't realized how important touch was. "Night rises," said Sam. "It sure does. I'm going to remember that."

—from "Buffalo Afternoon"

## The Freshman One-Acts

Promising Freshman Talent Performs "The Patient," "A Dopey Fairy Tale," "Am I Blue?" and "The Best Little Whorehouse in Texas"

by Mark Friedman

The Freshman One-Acts, performed in the Arellano Theatre from October 1-3, can't be measured entirely by quality. Enthusiasm and potential are what count here, and many of the performers in the four short plays overflowed with it. Energy hid the weaknesses, and allowed for odd flashes of talent to peek through occasionally.

In the One-Acts, a series of three short plays and one short musical, dialogue and song erupt from the actors with such rapidity and projection that even the most sluggish of plots could become difficult to follow. And predictably, as the material slowed to accommodate the subtleties of more seasoned performers, many just ran out of gas.

The first play was Agatha Christie's "The Patient." It's a routine whodunit, one that Christie probably could have doodled on a cocktail napkin. A critically ill (and very rich) woman has been pushed from the balcony of her room, and the stoic Inspector Cray (Darlene Lee) must sniff out the murderer.

The casting here, as throughout the One-Acts, is good. Everyone seems quite at ease and well studied in their parts; we never wonder if a certain actor would have been better placed in a different piece. In "The Patient," the character strokes are quite broad, and everyone has lots of room for interpretation. The cast performed best when on stage together, revealing in their recriminations and bitterness towards each other. The play bogs down when Inspector Cray begins to interview suspects individually, as her solemnity becomes a bit too weighty.

As Cray, Lee takes some getting used to, but her straightforward nature, oddly comical delivery, and ubiquitous yellow legal pad are a delight to watch. Michael Gibson plays the

philandering husband, Bryan Wingfield, with an earnestness and measure that is compelling. As his misanthropic sister-in-law, Emmeline Ross, Signe Redfield also shows promise and theatrical maturity with her icy delivery and propriety.

One of the flaws with "The Patient" is that the play is somewhat bleak and requires restraint from the performers. "A Dopey Fairy Tale," on the other hand, is a freewheeling romp of idiocy sprinkled with a healthy dose of humor. "Dopey" combines and twists a thousand standard fairy tale archetypes: the baker and his wife, enchanted frogs, weeping princesses, and happy endings.

It's a derivative story, but again the enthusiasm of the performers rubs off on us and we get caught up in the action, however stupid. Smile (David Kuhn), a schizophrenic mixture of narrators, guides us through the tale. It doesn't really need his guidance, but it's part of the fun, and Smile—part Ed Grimley, part Rod Sterling—is hilarious. As the Bakers' son Clarence, Dave Edelman takes his part and runs with it. Clarence can imitate anyone, and Edelman plunges into the role with innate ability. If the material weren't so childish, you might think you were witnessing John Belushi doing stand-up. As Chatter, the family pooch, Ryan Whiteman's part sounds harder than it is. Whiteman has the physical aspects of the part down, but on occasion he gets a bit too smirky, and you want to box his ears.

Everyone in "The Dopey Fairy Tale" attacks the campy material with fervor, but too often the actors revolve within themselves, stepping on each other's lines—not out of egotism, but from sheer impatience. Smile's interjections attempt to minimize this, but it becomes irritating nonetheless.

The material for the latter half of the One-Acts

See ONE-ACTS, 11

## Arts Calendar

A guide to upcoming local events

### MUSIC

The first concert in the Shriver Hall Concert Series, performed by the Beaux Arts Trio, will be held Saturday, Oct. 14, at 8:30 p.m. Menahem Pressler, piano; Isidore Cohen, violin; and Peter Wiley, cello, will perform works by Haydn, Smetana, Copland, and Beethoven.

The Beaux Arts Trio has been performing internationally for over 30 years, spurring interest in a variety of piano trio music largely neglected before. This concert is the first of four in the Shriver Hall series, which the cynical City Paper accorded honors in its recent "Best of Baltimore" issue. Tickets are \$6 students, \$13 general. For infor-

mation, call 338-7164.

Violist Paul Coletti and pianist Phillip Bush will together perform as part of the Sylvia Adelman Artist Recital series on Wednesday, Oct. 11, at 8:15 p.m. The program will include Franz Schubert's "Sonata in A-minor" and Charles Ives' "Four Songs." A third piece for viola, piano, and string quartet will be performed with a quartet of Peabody students.

Tickets for the event, which will be held in the Miriam A. Friedberg Concert Hall, are \$3 for students and seniors, \$6 general. For information and reservations, call the Peabody Box Office at 659-8124, 1 East Mount Vernon Place, Baltimore.

### FILM

"Lola Montes," the first presentation in the Fall 1989 NEH Film Series, will be screened in the Main Floor Auditorium in JHMI's Preclinical Teaching Building at 7:30 p.m., Wednesday, Oct. 11. The NEH series, entitled "Film and Feminism: The Mythology of the Movies," consists of four film and discussion evenings to be held through November 1.

The film, released in 1955, stars Peter Ustinov, Martine Carol, Anton Walbrook, and Oskar Werner. Susan M. White, who teaches English, comparative literature, women's studies, and film at the University of Arizona, will lead the discussion. All the films in the series are free and open to the public. For information, call 955-3363. Corner of Wolfe and Monument Streets, Baltimore.

See ARTSCAL, 11

## Films in Brief

A guide to recent releases by Mark Friedman



Ellen Barkin and Mickey Rourke in "Johnny Handsome"

Courtesy of Tri-Star Pictures

### Black Rain

Ridley Scott's vision of a gleaming Osaka is haunting, but it drops like a lead weight in this overburdened Japan-bashing thriller cum star vehicle for Michael "Wall Street" Douglas. Douglas plays the crabby and slightly crooked New York Detective Nick Conklin who, along with partner Charlie Vincent (Andy Garcia), must escort Mafia *wunderkind* Sato (Yusaku Matsuda) back to Japan from New York City. But those bumbling New Yorkers deliver Sato right into the Mafia's hands, and are forced to stay in Osaka until they find him and clear Conklin's name. Garcia shines as Vincent, and his early exit leaves "Black Rain" wanting. Kate Capshaw, irrelevant as the wisecracking geisha girl Joyce Kingsley, gets the film's hokiest lines and silliest scenes. "Black Rain" is satisfying entertainment, even if it can't stand up to scrutiny. But as it ends, you may feel like you've seen most of this before, perhaps in Scott's other big hit, "Blade Runner."

### In Country

The legacy of the Vietnam war is going to be explored by every director in Hollywood, so we might as well get used to it. Irreparably perky Emily Lloyd stars as Sam Hughes, the Kentucky nincompoop whose father died in Vietnam. Her father's death finally

starts to interest her at age 18, and she delightfully peppers everyone with questions about the war (*Oh, that Sam!*). Bruce Willis turns in a subdued performance as Uncle Emmett, a war-ravaged veteran who uses Sam's inquisitiveness to confront his own problems from Vietnam. Norman Jewison's first film since "Moonstruck" has an annoying distance that is only bridged in the final moments as Sam coerces her family into visiting the Vietnam Veterans' Memorial in Washington. This tearjerker finale may leave you bawling, but "In Country" won't answer any of your questions about the war.

### Johnny Handsome

Like a well-crafted story Walter Hill's urban fairy tale of redemption plays itself out quickly and with satisfying results. All-around criminal John Sedley (Mickey Rourke) is better known as Johnny Handsome, a mocking nickname coined for his hideously deformed face and head. After being framed by a group of rival cons, Johnny is given a second chance at life by Dr. Stephen Resher (Forest Whitaker), who gives him a new face and identity. But Johnny's criminal pathology doesn't flush away with his old features, and he schemes to avenge the death of his friends. The cast is uniformly excellent, especially Ellen

Barkin as sluttish Sunny Boyd and Elizabeth McGovern as Johnny's pristine, sadly naive girlfriend Donna McCarty. The film drags as Johnny gets cosmetically revamped, but Hill's direction, especially in the robbery scenes, is electric. "Johnny Handsome" isn't pleasant, but it delivers, short and sweet.

### Sea of Love

Al Pacino is lifeless and unappealing as alcohol-soaked New York Detective Frank Keller, a recently divorced twenty-year veteran of the force. He's on the trail of a serial killer (what else in New York?) who has an affection for poetry and picks victims from personal ads. As the killer makes quick work of men in their bedrooms, Keller narrows the list of suspects to one—namely, Helen Cruger (Ellen Barkin), the woman with whom he happens to be having an affair. John Goodman offers fine support as Keller's detective buddy Sherman, and Barkin is tantalizingly evasive as the woman who we desperately want to pinpoint. Director Harold Becker offers plenty of moments of suspense, and the aura of loneliness that pervades the film is impressive. But it's hard to get past Pacino, who's past his prime: he seems inappropriately apathetic in his love scenes with Barkin. This is the kind of movie Pacino should have made ten years ago.

## The Freshman One-Acts

ONE-ACTS, from 10

was more ambitious. Beth Henley's "Am I Blue?" is the best written of the four pieces, and the most complex. The characters are well developed and multifaceted, and the stage has a texture and personality that the other acts lack.

"Am I Blue?" is a kind of Holden-Caulfield-meets-Pippi-Longstocking story. John (Avi Fisher) and Ashbe (Victoria Burke) are a pair of lonely misfits who meet in a seedy New Orleans bar. Ashbe is hopelessly underage, but she gives flashes of insight and wit beyond her years. Her mind flits from one topic to the next with little regard for logic; that seems to be part of her charm.

Meanwhile, John broods and whines, alternating between feelings of self-pity and hatred for the world. But as we get involved with these characters, we realize their feelings are much less assured than they boasted at first; each feels frustration and a lack of comprehension.

Burke is mesmerizing as Ashbe, perhaps the most promising dramatic performer to emerge from the show. Ashbe isn't an easy character to convey, but Burke leaves Fisher in a fog, dancing around him and weaving her spell. Fisher is credible, but Burke is the catalyst. She makes "Am I Blue?" more than just ordinary teenage angst.

The final piece is the bawdy musical "The Best Little Whorehouse in Texas," though this production might have been titled "The Best Little Townhouse in Texas," since there are only three "ladies." And since those who adapted the musical for Hopkins have taken some liberties of their own, the title change wouldn't be such a travesty, after all.

The performers in "Whorehouse" have their accents down, and they're not afraid to belt out a few good Texas expletives. Patrick Norris acts his gun off as the easily corruptible Sheriff Ed Earl Dodd; one expects smoke to come out of his ears

as *la* Yosemite Sam. Phil Mansour is amusing as Melvin P. Thorpe, who is apparently the closest thing to an investigative reporter Texas gets.

But this is a musical, and that is where performers should truly emerge. Robin Brillante is Mona Stangley, the madam of the whorehouse, and her voice is the most captivating of all. She seemed relaxed performing while the others seemed a bit wooden, especially during the choreographed Janet Jackson dance routine. This addition was an unnecessary burden on the audience, as well as the performers.

In the closing moments of "Whorehouse," the girls learn from Mona that the Chicken Ranch will be closing for good. As each girl sings of their future plans, their voices sound tentative and thin. But as they come together, holding hands and singing as one, their voices become powerful and earnest. It's an appropriate note on which to end the Freshman One-Acts, for though no one person can carry the shows, their combined work can generate some fine moments.

### THE PATIENT

Written by Agatha Christie  
Directed by George Krieger, Ari Rapkin, and Aaron Wachhaus

### A DOPEY FAIRY TALE

Written by Michael Weller  
Directed by Mike Byrne and Steve Mager

### AM I BLUE?

Written by Beth Henley  
Directed by Josh Orenstein and Julie Steigerwalt

### THE BEST LITTLE WHOREHOUSE IN TEXAS

Written by Larry L. King and Peter Masterson;  
music and lyrics by Carol Hall  
Directed by Rebecca Garron and Art Myers

## Notes and Feedback

### A Little Night Music

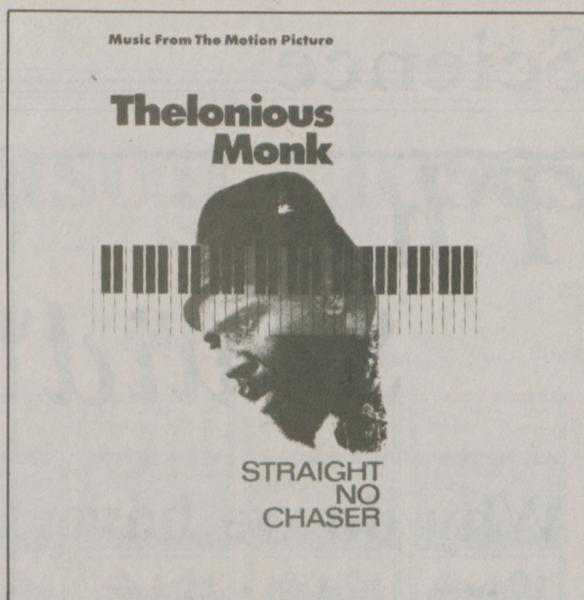
Most people consider "night music" something one hears at a bar, like some electric blues or some kidney-shaking rock and roll. To others, the term connotes a soundtrack for sex—what the performance artist David Cale once called "smooch music." But "Night Music," the syndicated television program shown Mondays at 1:30 a.m. on WJZ-TV, has far more faces than these at its disposal. It packs more musical diversity into an hour than MTV manages in a week of programming.

Credit for this is due to David Sanborn, who has hosted the show (formerly "Sunday Night") since its inception, and new music producer Hal Willner, who has already given "Night Music" his decidedly eccentric stamp: the first show of the season combined performances by arranger Van Dyke Parks, singer Maria McKee, saxophonist Pharoah Sanders, and guitarist Stevie Ray Vaughn, with rare film clips of jazz multi-instrumentalist Rahsaan Roland-Kirk.

This much variety is due partly to logistics—most stations air the show at late hours—and partly to a sense of mission. The idea for a show that featured no-compromise music was Sanborn's, and with the help of "Saturday Night Live" executive producer Lorne Michaels, it came to life two years ago. But more than the latter program, "Night Music" works on substance: it presents lesser-known musicians to the television audience with a minimum of flash and gimmickry.

Still, the preliminary list of guests for this season is daunting: guitarists Adrian Belew and Elliot Sharp, the Pat Metheny Group, Todd Rundgren, Pere Ubu, pianist Allen Toussaint, and bluesman Taj Mahal are only a fraction of those slated to perform on the first six shows of the season, which have already been taped for broadcast. Later shows promise an equally talented corps of musicians, all packed into "Night Music"'s delightfully fast-paced sets.

The guests on "Night Music" don't have to go it alone, however. The show has an excep-



The soundtrack to "Straight No Chaser," the first feature film about jazz composer and pianist Thelonious Monk

tional house band—drummer Omar Hakim, guitarist Hiram Bullock, bassist Tom Barney, and Philippe Saisse on keyboards—that steps in to back visiting players when necessary. But only when necessary. There are no overblown jam sessions among the band members. As host, Sanborn is refreshingly laconic: he wisely lets the players do the "talking" with their instruments.

In all, "Night Music" adds up to a rollicking good time. There are moments of occasional beauty (as last season, when Aaron Neville sang "Stardust") and fury (as, on the same show, when John Zorn and the house band vaulted through his dizzying composition "Snagglepuss"), but the program's no-nonsense commitment to the music never flags.

"Night Music" airs every Monday morning on WJZ-TV, channel 13, in Baltimore.

### Distinguished Panels

From its title, the "Foundations Forum '89" sounds like a magnet for crabby, verbose intellectuals—the type of folks who absolutely relish treks to academic conferences. But the list of participants at this gathering, hundreds of names long, tells another story. The first of the Forum's three days, which were held September 21-23 in New York City, offered a "Metal Workshop"—that is, a heavy metal workshop—and a presentation entitled "They Only Come Out At Night," a collection of metal bands playing "L-I-V-E" at the Park Plaza Hotel.

But all was not fun and games. Other portions of the weekend were devoted to "Sponsorships—Is Metal Going Madison Avenue?" and "Geraldo Goes Metal—All Access, No B.S.," Record company executives from around the country flocked to the events; reservations (hotel and otherwise) were difficult to come by. Hopkins faculty members sick of the academic conference grind would have been wise to reserve their spots early.

### Straight No Chaser

The soundtrack to "Straight No Chaser," the first feature film about the late jazz composer and pianist Thelonious Monk, has just been released by Columbia Records (45358; LP, CD, and cassette). Comprising new and previously-released material and remarks by several of Monk's contemporaries, "Straight No Chaser" offers a patchy, sometimes revealing portrait of one of jazz's most eccentric and ingenious performers.

Though many of the songs on the album are well known pieces from Monk's discography, others (such as European recordings of his late-1960's octet) are fresh and intriguing. The odd snatches of conversation on the album, particularly an in-studio argument between Monk and producer Teo Macero, make for rewarding listening. And the music, despite a botched recording or two, is consistently good, if unsurprising.

—T.H. Kern

## Arts Calendar

ARTSCAL, from 10

The creators of Homewood's new Thursday night film series wanted at one point to show only films with exclamation points in their titles. That impulse died, but "I Want to Live!" next Thursday's entry, remains on their schedule. It tells, with healthy doses of hyperbole, the story of Susan Graham, a prostitute who was framed for murder and, in 1957, sent to the gas chamber in California—the last woman to suffer such a fate. Susan Hayward stars as Graham; the role won her an Oscar. Noteworthy, too, is the score by Johnny Mandel. Thursday, Oct. 12, in Shaffer 3, at 9:00 p.m. (\$2.00)

"Enter the Dragon," one of Senior Class' braver choices for the season, brings Bruce Lee and his undesirable ilk to Shaffer 3 Oct. 6 and 7, Friday and Saturday, at 8:00 and 10:15 p.m. Martial arts movies are an acquired taste, to be sure, but attention to dialogue is unnecessary—even discouraged—and the plot is equally disposable. Ideal fare for the weekend. (\$2.00 students; \$3.00 general.)

More appealing to right-brain moviegoers will be Reel World's presentation of the "The Idiot," the 1951 film based on Fyodor



Michael Keaton (left) and Jack Nicholson in "Batman"

Dostoyevsky's novel. This is no standard adaptation: director Akira Kurosawa resuscitates the novel in post-war Japan, and the cultural cross currents are up to the audience to decipher. Recommended. Shows Sunday, Oct. 8, in Shriver Hall, at 7:00 and 9:30 p.m. (\$2.00; \$3.00)

If Dostoyevsky might not prove austere enough, Weekend Wonder Flix will show Tim Burton's "Batman" on Friday and Saturday, Oct. 6 and 7, in Shriver Hall at 8:00 and 10:15 p.m. This enormously popular film stars Michael Keaton, Jack Nicholson, and Kim Basinger, all of whom wend their ways through the dark streets of Gotham. Whether or not the plot works seems irrele-

vant; the film is captivating to watch. This in mind, check it out. (\$2.00; \$3.00)

### THEATER

Tennessee Williams' "Glass Menagerie," the play that launched his Broadway career in 1945, has come to Arena Stage in a bold, new form. Tazewell Thompson, Artistic Associate of Arena Stage, is directing an all-black production of the play through November 26. Call for details on discount nights and other bargain ticket rates at (202) 488-3300. Arena's Creeger Theater, 6th and Maine Avenue, S.W., Washington, D.C. 20024.

# The Squid

## Why do we have fingerprints?

The proper name for fingerprints is dermatoglyphics. Human beings have dermatoglyphics on the fingers, palms, toes, and soles. In the third to fourth month of gestation, the texture of fetal skin changes from smooth to ridged. The lower of the two layers of skin, the dermis, acquires multiple closely-spaced little peaks. The upper layer of skin, the epidermis, grows out of the dermis and adopts a modified version of its texture—ridges following the pattern of the peaks.

Since the texture of the epidermis is determined by the dermis, the only way to erase fingerprints is to destroy the dermis. John Dillinger, notorious gangster, doused his fingers with acid to get rid of his prints, forgetting that his palms also had dermatoglyphics.

Nobody, not even identical twins, could possibly have the same dermatoglyphics. The general pattern of dermal peaks is inherited, but their exact positions are random. The chances of two people having identical dermatoglyphics are on the order of one in ten to the forty-third power.

# Footprints and Promiscuity

## State of the art chemistry

by Sharyn Horowitz

The Fenton reaction, a reaction of iron and hydrogen peroxide that produces hydroxyl radicals, was developed in the 1890's by Fenton. Today, this simple reaction is helping Dr. Thomas Tullius of the Chemistry department develop chemical pictures of DNA and its associated proteins.

Inside cell nuclei, DNA's structure is more complicated than a simple chain of nucleotides. It is so long that to fit inside the cell, it must be wrapped up tightly. Before the genetic information on it can be read, the DNA must be unwrapped. After the genetic code has been translated into a heart, eyeball, or finger, the DNA has to be re-wrapped lest the body grow too many of anything. The timing of unwrapping and re-wrapping of DNA is thus critical to development. Proteins control the wrapping and unwrapping of the DNA, so scientists are anxious to discover how DNA-protein complexes work.

The hydroxyl radical cuts between the nucleotides of DNA molecules. Tullius first labels nucleotides of his chosen DNA, and subjects it to the Fenton reaction. By limiting the reaction time, Tullius can generally limit

the hydroxyl radical to cleaving just one bond on every DNA molecule. He extracts the labeled DNA fragments, and throws the rest of the DNA out. Using gel electrophoresis, which separates molecules by size, he finds out where the hydroxyl cleaved the DNA. On naked DNA, the hydroxyl can cleave every bond, producing a continuous pattern of evenly spaced dots on the gel.

When DNA-protein complexes are subjected to the hydroxyl radicals, the pattern of dots on the gel is discontinuous. It has distinct gaps—footprints. DNA clinging to a protein is known to be invulnerable to several DNA-cutting chemicals. Apparently, proteins also protect DNA from the hydroxyl radical. When the pattern of dots shows a footprint between the sixty-three base pair fragment and the forty-one base pair fragment, a protein is bound to base pairs forty-two through sixty-two. This information, in addition to knowledge of the protein's structure, can lead to understanding of how the DNA twists around the protein.

Scientists have tried to study DNA-protein complexes before. They used enzymes, large proteins which catalyze biochemical reactions, to make cuts in the DNA. Since enzymes are so



Dr. Thomas Tullius, at ease in Remsen Hall.

Elisse Takara

bulky, they cannot get close to the DNA-bound protein, and thus they cannot cleave the bases that are only near the protein, not bound to it. Footprints from enzyme-cleaved DNA and protein complexes are consequently too big.

Another problem with enzymes is that they are too selective. They do not cleave every bond with equal frequency, since they prefer certain sequences of base pairs. Thus scientists can't be sure if a footprint is truly a footprint and not just a sequence of DNA that the enzyme didn't cleave.

Hydroxyl radicals do not have these problems. The hydroxyl radical is small. It can fit in where enzymes can't. Hydroxyl radicals are not at all selective. They react with anything—Tullius says they are "promiscuous." Between these two properties, hydroxyl radicals cut every bond on a DNA molecule with equal frequency.

Dr. Tullius and other scientists were aware of the problems with enzyme-cleavage studies of protein-DNA complexes and have been looking for alternatives because their results clashed with the authoritative version of these structures. Both x-ray

crystallography and nuclear magnetic resonance spectroscopy can be used to find the structure of protein-DNA complexes.

The proven technology of crystallography and NMR are the standards by which Dr. Tullius judges his results. But these imaging techniques have serious limitations—they cannot handle a piece of DNA longer than twenty base pairs. DNA in one human chromosome is roughly a millimeter long. NMR and x-ray crystallography can only show, at most, three thousandths of that. Dr. Tullius's method, however, is capable of studying an entire chromosome.

Dr. Tullius's work is still in the early stages—his concern at the moment is calibration. He's comparing his gels of DNA-protein complexes to the structures determined by NMR and x-ray crystallography. Later, when he's learned what patterns of spots correspond to what structural features, he'll attempt to study the footprints of larger DNA-protein complexes. Eventually, he hopes to use his technique to learn how proteins and DNA interact to express the genetic code.

# Electron microscopy opens new vistas at Hopkins

by Man Nguyen

Imagine being able to see an exciting new world. The journey to view the exciting secrets of this world is found only through electron microscopes, some of which are available in the scientific departments here at Johns Hopkins.

They are a privilege indeed, for without these \$300,000 instruments the study of internal structures in geology, material science, biology, and earth and planetary sciences would only be an elusive dream.

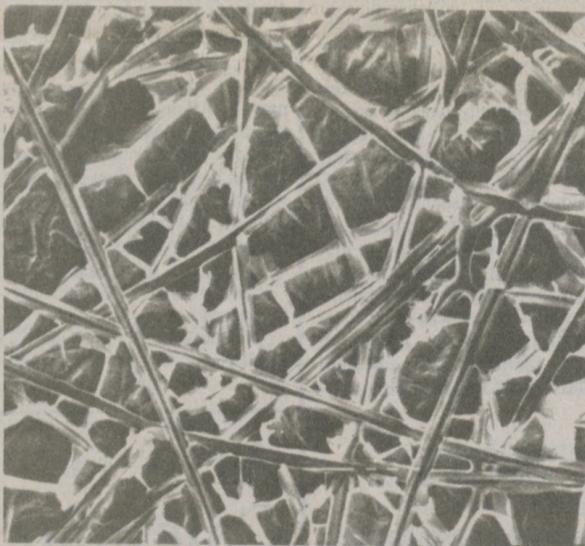
There are two main types of electron microscopes: the scanning electron microscope (SEM) and the transmission electron microscope (TEM). SEMs are capable of producing high resolution three dimensional images of the surface whereas TEMs create a clear internal structure of the specimen being studied. Photographs of a fruit fly eye, a red blood cell, or a close-up of the human skin, are produced by SEMs. These detailed pictures are made by viewing a specimen point by point with a fine electron beam. The specimen scatters the electrons, the electrons hit a

detector, and the detector generates the three-dimensional depth that makes the SEM so unique.

TEMs work the same way as conventional light microscopes. In TEMs, however, an image is formed by first scattering the beam of electrons as it passes through the sample, and then focusing the image by magnetic lenses on a fluorescent screen. TEMs can only view thinner-than-paper specimens. Otherwise, the image is blurred.

Electron microscopes are very crucial in the studies of various facets of science that involve studying the make-up of the specimen. In material science, SEMs and TEMs are used to look at microstructure and defects of surfaces. In geology, it is used to study the structure of mineral crystals. In biology, these electron microscopes produce high resolution images of atoms and molecules which make studying them possible.

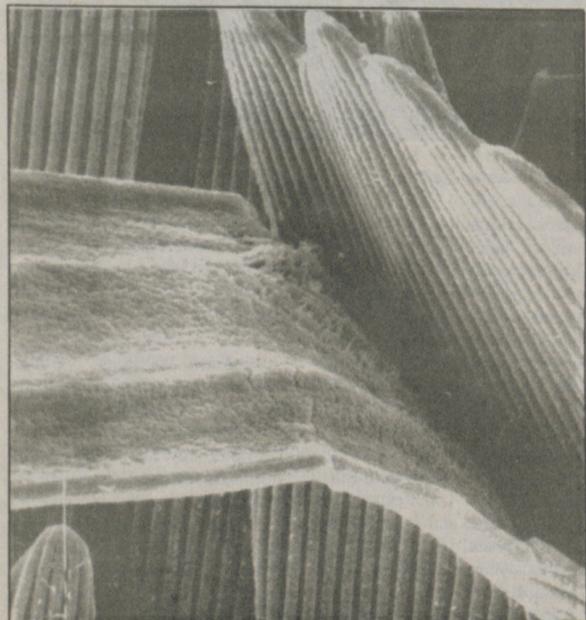
About ten years ago, a scanning transmission electron microscope was built at Hopkins to determine the sequence of deoxyribonucleic acid (DNA).



Paper which is losing its gelatin coating, as seen through a Scanning Electron Microscope (SEM). This and the other electron micrographs featured on this page were taken by Claire Rutiser, a member of the class of 1991.

Involved with the project was Dr. Michael Beer, a recently appointed Associate Dean of Arts and Sciences, who noted the particular excitement provoked by

the project because it was the first method of sequencing DNA. This method was later eclipsed by a chemical method which is still in use.



A butterfly wing. On the left, scales, and on the right, scales and hairs.

# NIH program for minorities

The National Institute of Allergy and Infectious Diseases (NIAID) in Bethesda, Maryland, has an initiative called the Introduction to Biomedical Research Program that is specially designed to acquaint academically talented minority students to career opportunities in the broad field of biomedical research.

NIAID, one of the 13 National Institutes of Health (NIH), conducts and supports research to study the causes of allergic, immunologic, and infectious diseases, and to develop better means of preventing, diagnosing, and treating these illnesses.

"This program offers minority students from across the country an in-depth and intense three-day introduction to NIAID-NIH biomedical research," said Vincent A. Thomas, project officer of the program. "This initiative grew out of the Institute's concern about the underrepresentation of minorities in the scientific pool. Our goal is to increase the number of minority biomedical researchers."

Student—who are provided a per diem and round-trip tickets to the Bethesda campus—will have the opportunity to participate in

a series of lectures, interviews, and tour the renowned NIH Clinical Center, the world's largest biomedical research facility. They will also discuss, face-to-face with scientists, current research initiatives and advances as well as career concerns and possible summer employment opportunities.

Participants will also have the opportunity to apply for summer positions in the NIAID Division of Intramural Research, giving them general exposure to research careers. Approximately 55 students will be selected for the Feb. 11-16, 1990, program.

Deans and faculty may recommend students with a 3.0 or better GPA. Selection is based on faculty recommendations and personal and academic achievements. If you are interested, contact the dean or chairperson of the biology or chemistry departments.

The application packet must be received from the dean or chairperson at NIAID no later than Nov. 20. Final selections will be announced by Dec. 13.

## Sports

## Orioles' storybook season closes

*Baltimore climbs from worst to...second*

by Josh Orenstein

The awakening was abrupt and unpleasant, but the dream was very satisfying. For six months, the Orioles provided the Baltimore area with a thrilling success story, and an excitement which had been forgotten during five years of futility. Although last weekend did not provide the proper storybook ending, the SkyDome defeats should not cloud memories of an unbelievable turnaround. True, "worst to second" lacks a certain poetic appeal, but...

In the 70's and early 80's, the Orioles were as consistent as any team in baseball. Every season was a winning season, and involvement in the pennant race was virtually annual.

Brooks Robinson, Mark Belanger, Bobby Grich, Rich Dauer, Eddie Murray, and Cal Ripken highlighted infields that appeared almost impenetrable. Behind them Paul Blair, Al Bumbry, Ken Singleton, and others dazzled in the outfield.

The pitching staff, containing the likes of Jim Palmer, Dave McNally, Mike Cuellar, Scott McGregor, Mike Flanagan, Steve Stone, Tippy Martinez, Storm Davis, and Mike Boddicker, was consistently outstanding.

Offensively, although rarely as potent, the Birds were equally exciting. Relying heavily upon manager Earl Weaver's favorite strategy, Dr. Longball, particularly in the form of a three-run shot, Brooks, Murray, Lee May, and Boog Powell provided numerous memories and more runs.

The O's were a well-disciplined team that emphasized fundamentals and did not make mental errors. They executed cutoffs and relays properly. They backed up plays. Their pitchers knew when to cover first base and remembered to. The Orioles did not beat themselves.

The formula was simple: good pitching, strong defense, fundamentals, power equals success.

Certain years, 1979 and 1983 in particular, the Birds possessed a certain magical aura. There was an inescapable feeling that on any given night, something remarkable would happen. Ninth-inning heroics were commonplace. Unknown farmhands pitching shutouts or slapping crucial basehits was not startling. The O's advertised, "Every night it's a different star;" and they were right. "Oriole Magic" was more than a slogan.

Then after the 1983 World Series celebration, the magic dissipated. The Orioles became a middle-of-the-pack organization, then descended to a losing team, and finally hit the depths of humiliation in 1988. Twenty-one consecutive losses, a 54-107 season record: the memory distorts.

The Orioles' problems were obvious. Too many strong and incompatible personalities caused strife and discontent. A lack of quality players in the organization, at both the major and minor league level, did not help either.

The Orioles spent enormous amounts of money on aging stars, which did as much good for the Birds as it has done for Mr. Steinbrenner in this decade. Although



a few of these acquisitions provided a short-term spark, the majority did nothing but thin the organization's checkbook. Alan Wiggins and Dan Ford are perfect examples of high-priced free agents who are more memorable for their behavior off the field than their accomplishments on it.

The team lacked the spirit and determination for which it had earned praise. There was no joy, and there were many miscues. There was no resemblance between these Orioles and the championship Orioles, except for Cal.

Watching Cal reminded one of

how good the O's had been.

There wasn't too much argument against the idea of rebuilding the Orioles and using Junior as the foundation. So, general manager Roland Hemond, team president Larry Lucchino, and director of player personnel Doug Melvin got rid of all the overpriced underachievers and the aging ex-stars, and they acquired young players with potential.

The rest is simple. Cal and a group of unknowns and relatively-unknowns remained in the pennant race until the second-to-last day of the season.

The Orioles played sound

baseball. Understanding the importance of fundamentals and alertness, the O's stopped making mental errors and began to capitalize on other team's shortcomings. Quickly, they became an aggressive and intelligent team.

The introduction of speed into the lineup, virtually foreign to the team even in past years of glory, made the team much more potent offensively. The Orioles learned to score without hitting home runs. The speed did wonders on defense as well, where O's outfielders suddenly showed excellent range.

Pitching and defense became

Oriole strengths again.

The formula was slightly different than the previously effective one, but the result was not: the O's were successful. Rookies pitched complete-game shutouts and career minor leaguers hit game-winning homers. There were great catches and clutch hits nightly. There was excitement.

Oriole magic returned. It was a great season.



## G-burg grounds football

### Jays lay another egg, lose 42-14

by Greg Bronshvag

Gettysburg, PA, Sept. 30—

The Gettysburg Bullets rushed for 408 yards and five touchdowns in routing the Blue Jays, 42-14, before a crowd of 1,194 at Musselman Stadium. The defeat leaves the Jays in the Centennial Conference cellar at 0-2, and 0-4 overall. The "Bullet Express" of Tolerico, Ricci and Kroenburger accounted for 300 yards and four touchdowns.

The game started well for the Jays in the first quarter as Brian Hepting picked off two passes on the first two series. The two interceptions gave him three for the year and nine for his career, which move him up to number five on the all-time Blue Jay leader list.

"He's good," said fellow defensive back Jeff Sheaffer of Hepting. "He reads the QB well and gets to the ball quickly. His height (6'2") is a real advantage for him."

The Jays were moving the ball well in the first quarter, but couldn't get any points on the board. The big break came late in the first quarter as Rich Molish recovered a Gettysburg fumble on the Bullets' 22-yard line. Five plays later, the Jays were up 7-0 on Jay Simons' two-yard pass to Brandon Rosser.

In the second quarter, Gettysburg went with what they do best on offense: run the Wing T. The key to the Wing T is discipline and execution, both of which the Bullets have.

"Their offense is tricky," said Hopkins linebacker Steve Davis. "They execute so well—their QB

drew me in on his handoffs. The defensive backs had to make a lot of tackles because our linebackers had to commit."

On one of these tackles, Sheaffer broke his hand. He did not know it was broken until X-rays were taken Monday. His playing status for the remainder of the season is as yet undetermined.

"He's had a lot of injuries throughout his career," said Davis.

"The loss of Jeff is a big one," said assistant coach Robert Babb. "He's our best defensive back and he was just getting back into the system again." The injury leaves the secondary young, "but not inexperienced," added Babb.

The Bullets then scored on three straight possessions to take a 21-7 lead at the half. A 49-yard field goal attempt for the Bullets just missed as the half expired.

The third quarter was very similar to the second as the Bullets increased their lead by two touchdowns. During these two quarters, the Jays' offense turned the ball over three times and Hopkins' Dave Elkes, the Centennial Conference's leading punter, had to punt four times.

"We hurt ourselves," said Coach Pfeifer. "We looked good at first, but then lost momentum after some breakdowns." "We started out with a lot of enthusiasm," said Babb, "and then we wore out, both physically and mentally. Coming out into the second half, we felt we still had a chance."

"Our pass blocking was excellent," said Rosser. "However, there were too many breakdowns with not enough ex-

ecution. This team has the ability to win; there is no lack of desire to win."

Freshman Dave Billitto and sophomore transfer Lou Angelos ran into a tough Gettysburg defense. "They were a strong team and did a good job of stopping the run," says Billitto, who had high praise for the offensive line, which has suffered through many injuries. "Our offensive line matches up with anyone. The holes were there, but we missed them." "Our timing is off," said Pfeifer.

The lack of offense definitely hurt the team as the defense had to remain on the field. The big question for the team is the quarterback position. Eric Trenaman, who started the first three games, didn't play a single down on Saturday. Simons split halves with freshman John Guglielmo. Simons completed 6 of 15 passes for 56 yards while Guglielmo was 7 for 12 for 55 yards and had a 34-yard touchdown scramble in the fourth quarter. Players say that the uncertainty about the position doesn't bother them but the lack of production is noticeable.

"I felt Jay and John needed some time," said Pfeifer. "They both did a lot of nice things during the game. It's important to get the younger guys some experience. In practice, all three [including Trenaman] are about the same. No one is outstanding."

Babb stated, "It would help if our QB was a good leader, but to do that you need to be a good player. No one has gone out there

See FOOTBALL, 15



Kathy Herring dodges a Salisbury opponent.

photo by Helen Hoskin

## Field hockey downs Fords

### Siegrist sparks Jays to victory

by Jennifer Chun

Baltimore, Oct. 3—

The Johns Hopkins women's field hockey team lost to the fifth-ranked team in the nation, Salisbury State, 2-1, today.

Last year, Hopkins lost 3-0 at Salisbury playing a slow-paced game. This year, the Jays pressured Salisbury the whole game, especially the second half. Salisbury's first goal was scored on a penalty stroke with 40 seconds left in the first half. The team's second was scored on a corner.

Hopkins goalie Jen O'Hara played well and the Hopkins defense held back the aggressive Salisbury attack.

"They are a very good team and are always contenders in the NCAA. But we played a good game," said Blue Jay coach Sally Beth Anderson.

The loss to Salisbury does not affect the Jays' MAC standing. On Friday, September 29, the Jays defeated Haverford College 2-1. Hopkins has always had difficulty winning at Haverford, and after Haverford's goal eight minutes into the first half it seemed the Jays would have problems again.

The first 10 minutes of the game Hopkins lagged against an aggressive Haverford team. But Haverford's first goal was their last as the Jays picked up steam and charged Haverford's defense.

Hopkins came from behind with two goals scored by Julie Siegrist on penalty corners. Junior Meredith Blitz played an outstanding game, and freshman Donna Williamson played impressively in her first varsity game.

"I'm really impressed that we didn't let up and came from behind," commented coach Sally Beth Anderson.

The Jays continue their challenge to win their MAC division by looking for a win over rival Western Maryland on Thursday, October 5. Juniata, Franklin and Marshall, and the Jays are the division's forerunners.



This girl is spiking a volleyball.

## Volleyball splits pair

by Elizabeth Wiseman

Chestertown, Maryland, Oct. 3-

The Johns Hopkins women's volleyball team split two matches tonight, losing to Washington College (12-15, 15-14, 15-8, 12-15, 4-15) and defeating Goucher College (15-7, 16-14). The Blue Jays overall record stands at six wins and five losses after this tri-match hosted by Washington College.

The Blue Jays were plagued by serving errors throughout the match against the Washington College Shoremen. The Shoremen finally overpowered the Jays by leading off the fifth game with three straight aces. The loss dropped Hopkins' record to 0-3 in the Middle Atlantic Conference.

Hopkins fared better against the

Goucher College Gophers. The Jays had defeated the Gophers by scores of 14-16, 15-12, and 15-11, earlier in the season.

Four-year starter Beth Monaghan commented on the Blue Jays' performance: "Everyone on our team is so aggressive. Now it's a matter of keeping it under control."

On Saturday, the Blue Jays were very much in control against the Essex Community College Knights. The Jays swept the match 16-14, 15-6, and 15-9. "Everything was clicking," said head coach Bill Jones.

Jones cited good passing and great serving as keys in the Hopkins victory. Eight service aces, including the match ending ace by freshman Firouzeh Bahrapour, bolstered a strong attack which boasted 34 kills. Jones also complimented Suzy

Yoon for her performance as setter. Yoon, usually a back row hitter, has filled in at setter for injured co-captain Trang Pham. Pham will be unavailable for play until next week due to an ankle injury which she sustained last Thursday in the tri-match held at Catonsville Community College.

In the first match at Catonsville, Hopkins beat the Delaware College junior varsity team, 15-13 and 15-12. Hopkins lost 5-15 and 9-15 to Catonsville Community College in the second match.

The Jays' upcoming opponents include Franklin & Marshall, Gallaudet, and St. Mary's. Coach Jones is optimistic about the Blue Jays' chances against these teams: "Our team is aggressive and competitive and should do well."

## Runners strong at Rose Tree

By Coleen Furey

Rose Tree, PA, Oct. 1-

The Johns Hopkins men's and women's cross country teams were faced with some fierce MAC competitors last weekend at Rose Tree Park. This meet was a good experience for both teams, as they will be racing on this same course in the MAC championships. The women's team crushed Widener with a score of 18-45, but suffered a tough loss to Franklin & Marshall by a score of 24-35. The men's team lost to both Haverford and Franklin & Marshall, but beat Widener, 27-32, 27-32.

The Hopkins women ran very well Saturday, and the individual times were impressive. Audra Mai had another fine performance by placing second in the race with a time of 20:22. Tami Meyer is back to her prime form of earlier in the season, as she finished second for the Jays in 20:43. Helen Hostin, as well as other Hopkins runners, utilized strong hill running to close the gap on Franklin & Marshall. Hostin passed four women on the hill and finished with a time of 21:14. Anna Lee Bamforth and Penny Butler were the next two Hopkins runners to cross the finish line in 21:57 and 24:41, respectively.

Although the women lost to Franklin & Marshall, they are still optimistic about the remainder of the season. Diana Logan was not able to compete last Saturday, and she could have made a considerable difference for the team. The team is looking forward to the Dickinson Invitational this Saturday, with the hope to retain the championship trophy.

The men's cross country team competed last Friday instead of Saturday, as the Jewish holiday of Rosh Hashanah posed a conflict for many of the runners.

See CROSS COUNTRY, 15

## This week in Blue Jay athletics

<u>Football</u>	Saturday	URSINUS	2:00 pm
<u>Soccer</u>	Today Wednesday	DICKINSON WESTERN MARYLAND	7:00 pm 7:00 pm
<u>Men's Cross Country</u>	Saturday	Dickinson Invitational	1:00 pm
<u>Women's Cross Country</u>	Saturday	Dickinson Invitational	1:00 pm
<u>Women's Volleyball</u>	Saturday Monday Wednesday	Moravian at F&M Gallaudet at St. Mary's Loyola, Marymount, at Gettysburg	11:00 am 6:00 pm 6:00 pm
	Friday	Swarthmore at Haverford	6:00 pm
<u>Field Hockey</u>	Tuesday Friday	WASHINGTON COLL. CARNEGIE-MELLON	7:00 pm 3:00 pm
<u>Water Polo</u>	Today -Sunday	at Cornell (MAC Round)	
<u>Men's Lacrosse</u>	Saturday	Annual Alumni Game	7:30 pm

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- PLIERS, SCREW DRIVERS & WRENCHES
- PLASTIC CONTAINERS • COTTON BALLS
- GIFT BOXES • SOAP & SOAP DISHES
- CHOCOLATE BARS • SUMMER HATS
- SPONGES • STRAIGHT RAZORS • SHOES
- TOOTHBRUSHES & PASTE • DUSTPANS
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# Focus on Fitness: Running

by Jeffrey Blitz

Running is one of the most popular forms of non-competitive training. Even in our own backyard, there is hardly a time when you won't find Hopkins students running the track or doing a Charles Village circuit. While you'll certainly see people of every shape and size running or jogging in different ways, there are a few basics that the fitness-conscious runner should consider before embarking on a training program.

First, there is a real difference between running and jogging. Not only in speed, but in frame of mind as well. The typical jogger will jog for health benefits and not for any real "addiction" to jogging. The serious runner, on the other hand, might consider running even if he thought it had no positive fitness results.

The more important difference, though, is in the speed and impact of training. For a fitness program to be aerobically sound, the heart rate must be increased by a certain amount. Gabe Mirkin, expert in sports medicine at the University of Maryland, writes, "To get maximum benefit, you must run hard enough to raise your pulse to 120 beats per minute two to three times per week." Jogging, while it may help tone muscle and improve overall health, is not as sound aerobically. It is important to note that, for some, hard running can be dangerous. According to Dr. Mirkin, people who are over thirty, or fear risk of heart attack induced by exercise, should have a stress electrocardiogram done.

Second, wearing proper clothes and shoes are key factors to avoiding injury. Good running shoes should be measured not only in terms of length, but also in width. If you are not the usual D width, do not settle for the usual shoe. Find a store that carries running sneakers in different widths. A good running shoe has attributes that will limit pronation, including arch-supports, a flexible sole, and a wide heel. Along with good shoes, wear thin socks. Thick socks, while they might reduce stress from running, also prevent the shoe from reducing pronation, which commonly leads to injury.

Third, ease into a running program slowly and build up over the course of a few weeks. Once you begin a running program, do not practice the same circuit and the same distance each day—this can be tedious, put too much stress on a single muscle group, and make

it more difficult to run farther in the future.

Proper form for running means that as your feet come down, you land on your heels not your toes. Do not lean forward, as is the natural tendency. Instead, keep you back straight. For the most part, your arms should be relaxed and your hand loosely closed.

Lastly, when planning a running regimen, plan wisely. Limit your hard runs to three times a week (not on consecutive days), and stretch before and after every run. Running hard more than three times weekly will not improve your cardiovascular health and might lead to exhaustion or stress-related injury. Even in hard runs, you should not push yourself to unsafe levels. While breathing deeply can be expected, having to gasp for air means that you have pushed yourself to a dangerous extreme. Be careful to know when you have worked you body past safe levels. Also, as you conclude a run, never stop motion immediately. Slow your pace to a jog and ease your pulse rate down. Sudden stops of all activity can be harmful to your heart.

To prevent running injury, the best advice is to pay attention to the warning signs of your body. Do not run if your legs feel stressed and heavy—that is sometimes a signal that they are still healing from the last run. The same is true of other injuries. It is a common myth that you can "run through" an injury, causing it to disappear. While some of us may have had the experience of running until a cramp goes away, this is not generally good practice. Trying to "run through" an injury will cause the condition to get worse or create new injuries.

On the nutrition front, there is enough information for a series of columns. One of the most important dietary rules, though specifically for women who run, was suggested by Robert Haas in *Eat to Win*. He believes that women who run should be especially conscious of their iron levels. They may not need iron supplements to run, but they should be sure to get enough in their normal diets. Usually, a woman can maintain the proper amounts of iron by eating a few cups of legumes each week.

As millions of Americans (and a large group of Hopkins students) will testify, running can become a positive addiction. It is an exercise that will pay off not only in terms of aerobic and muscular benefits, but will also improve your quality of living.

# Soccer shoots down Bears

## Wins seventh consecutive

by Jennifer O'Hara

Collegeville, PA, Sept. 30—The men's soccer team won its seventh consecutive game today, edging Ursinus College 1-0.

On Ursinus' grass field, the Jays fought hard and took advantage of their depth. The lone goal was scored in the second half by junior fullback John Martinie, who came off the bench to give the Jays a needed spark. Martinie scored off a diving header, assisted by team captain Warren Jones.

Senior tri-captain John Dengler praised the play of junior Andy Janis and junior Geoff Manning. "Andy and Geoff kept things

under control in the backfield and did a good job moving the ball forward, providing the attack opportunities to score."

Coach John Haus attributes the success to strong team effort. "We are having a tough time scoring, but we get the job done. The guys are enthusiastic and have been working hard and having fun."

The Jays were ready for battle this year against Ursinus, after trying them last season.

On Friday, October 6, the Jays face Dickinson College on the turf at 7 p.m. Dickinson has an excellent team and should be a formidable opponent for the Jays.

Scoring			
	Goals	Assists	Points
Jones, Warren	3	3	9
Bronshvag, Greg	2	0	4
Bronshvag, Rich	2	0	4
Janis, Andrew	1	1	3
Martinie, John	1	1	3
Wilson, Scott	1	1	3
Manning, Geoff	1	0	2
Wang, Emil	1	0	2
Blessing, Steve	0	1	1
<b>TOTALS</b>	<b>12</b>	<b>7</b>	<b>31</b>

Goalkeeping				
	Saves	Min.	Goals	Goals Ag. Ave.
Irvine, Jerry	34	740	5	0.61

# O-4

FOOTBALL, from 13

and had a real good game. The offense is not led by our QB.

Next up for the Jays is Ursinus College, which beat Swarthmore last Saturday. Last year, the Jays were up with two minutes to go, but Ursinus scored a touchdown with 33 seconds remaining.

The Bears pass the ball a lot, which "plays into our strength," said Babb. "Our secondary covers better than they stick. Gettysburg ran the ball a lot, which hurt us."

"This game is a crucial one for us. We're 0-4 and it's tough for the players to keep pushing after last year's 1-9. It could be a long season."

"It gets frustrating," said Davis. "Last season gets into the back of your mind. We sometimes almost expect to lose and get down very quickly. It's horrible to work hard all week and then lose. I saw the seniors go through this last year. There is no next season for my class."

"As seniors, we're 8-24-1," said Elkes. "After going 1-9, and now 0-4, you start thinking instead of just playing. We came out with a lot of intensity on Saturday and got nothing. This Saturday is going to be a big day for us."

"It's frustrating for the coaches and players," said Pfeifer. "It's tough to be objective when you're so involved. You try to look for consistency. You hope that someone will rise above the occasion, usually at the quarterback position. We need to have more than one person do that."

"We've had great fan support for both home games and we all appreciate that and hope that they keep coming out. It helps the team a lot."

Game time tomorrow is 2 PM at Homewood.



Greg Bronshvag takes the ball from the other guy. Chris VandeKieft observes.

# Centennial football standings

	CENTENNIAL					OVERALL				
	W	L	T	PF	PA	W	L	T	PF	PA
Franklin & Marshall	2	0	0	36	21	4	0	0	114	42
Dickinson	1	0	0	21	10	3	0	1	84	45
Swarthmore	2	1	0	75	42	2	2	0	87	72
Gettysburg	2	1	0	126	58	2	2	0	140	96
Ursinus	1	2	0	42	63	2	2	0	52	70
Western Maryland	1	2	0	68	104	2	2	0	89	117
Muhlenberg	1	2	0	45	55	1	3	0	51	79
Johns Hopkins	0	2	0	20	80	0	4	0	34	114

# Rosh Hashanah alters state

CROSS COUNTRY, from 14

The men runners had a tough race against Gettysburg two days earlier, and they were not accustomed to racing on Fridays. The Blue Jays also had only thirty minutes to warm up before the difficult five mile race. Consider-

ing all these factors, the team ran well against the competition.

John Robinson led his team with a fifth-place finish in 27:35 behind four Haverford runners. Pete Gliatto contributed another excellent performance for Hopkins, 28:42. Manny Hostin had a great race with an impressive finish in 29:33. Eric Schweitzer and Bassil Dahiawat were the next two Hopkins run-

ners to cross the finish line in 29:56 and 30:13, respectively.

Coach Jim Grogan remains confident in his team, and he is looking forward to avenging several losses in the upcoming MAC championships. Grogan commented that he was not worried about previous defeats and said that "we will beat F&M when it counts."

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# The Gala Beam Me Up Quiz

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## Name the following:

### CADET

- 1)The Starship
- 2)The ship's registration number
- 3)Two of the shuttlecraft
- 4)The top 4 officers in chain of command
- 5)5 other starships in the fleet
- 6)Who played Dr. Spock
- 7)The bluff tactic Kirk used twice
- 8)3 Commodores
- 9)Kirk's middle name
- 10)Zefrem Cochrane's home planet

### LIEUTENANT

- 11)Mudd's full name
- 12)Kirk's brother, sister-in-law, nephew
- 13)The upperclassman that hazed Kirk
- 14)The historian that converted a planet to Naziism
- 15)The planet where Khan was banished
- 16)Highest warp attained
- 17)Code to abort self-destruct order
- 18)Light speed equivalent of Warp 5
- 19)2 women Kirk impregnated
- 20)Christopher Pike's horse

### COMMANDER

- 21)Colony destroyed by the Gorns
- 22)Prefix code of the Reliant
- 23)Pike's hometown
- 24)Nomad's creator
- 25)Flint's approximate age & 8 of his past identities.
- 26)Sarek's age in "Journey to Babel"
- 27)3 people that can recognize Kodos the Executioner
- 28)The "inventor" of transparent aluminium
- 29)Lt. Savik's ancestry
- 30)The unsolvable scenario that Kirk solved by cheating

### CAPTAIN

- 31)6 captains of the Enterprise
- 32)Child Teer of the 10 tribes
- 33)Parasite that entered Chekov's and Terrell's ears
- 34)The number of the crew aboard the Galaxy Class Enterprise
- 35)General Order 24
- 36)Lt. Cmdr. Data's evil twin
- 37)The planet hidden for centuries by a cloaking device
- 38)The ship's doctor in "Where No Man Has Gone Before"
- 39)Time Spock served with Pike
- 40)Planet of the Guardian of Forever

### ADMIRAL

- 41)Element 119 on the Periodic Table
- 42)The cure for choriocytosis
- 43)The dates of the Romulan War & the name of the final battle
- 44)The average life span of a Vulcan
- 45)The tactic used at the Battle of Maxia
- 46)The Great Bird of the Galaxy
- 47)The event that occurred in "Plato's Stepchildren"
- 48)Dr. McCoy's daughter's name
- 49)Admiral McCoy's age
- 50)Kirk's and Scotty's service numbers

**INSTRUCTIONS:** All right, I'm tired of all the whining trekies out there clammering for a quiz. This quiz is designed only for the elite among you. The Cadet and Lieutenant levels deal only with the original series, the Commander level incorporates the movies, and the Captain and the Admiral levels are a free for all. All entrants achieving the rank of Lieutenant get to meet me, the QM, (control your excitement), all ranking Commanders will receive Man with the Tan and Hopkins Lacrosse posters, all Captains will get giant foam hands (with Go Jays! on them), and Admirals get everything (benefits of rank). In the event of a tie, a phaser duel will be conducted to determine the winner. And, for your information, I like to wear Spock ears, I've never kissed a girl, and I don't want to. It's illogical. Enter by stardate 10-11-89, 1700 hrs, Gatehouse, Deck 2.

**RESULTS:** Oh boy! A whole 2 entries this week and the winner, Howard "9541" Stephen, missed half of the answers. I can tell there are some really observant people here, but what am I saying? I forgot we all came to Hopkins. Number 3 wasn't the Mission; Impossible opening, and 10 wasn't beware of Freddy Kruger. The real answers are: 1)Sharp; 2)Slippery road surface; 3)Caution; Laser; 4)Poison; 5)Loose gravel; 6)Fallout shelter; 7)Open pit; 8)Thin Ice; 9)Electrical danger; 10)Corrosive; 11)Falling objects; 12)Radiation; 13)Falling rocks; 14)Pressurized Radiator; 15)Road leads onto riverbank.



# Campus Notes

The CSA will be having a general meeting on Sunday, October 8 at 8:00 PM in the AMR I Multipurpose Room. T-shirt designs will be considered and plans will be made for the upcoming dance.

Invest In Our Future! What's that? Come to the next short but exciting Circle K meeting Wednesday, October 11, 7:30 PM in the Garrett Room. Elections for your recording secretary will be held, so come to vote. Find out about helping the homeless, a hayride in Delaware, a potluck dinner, a stair-climb for Cystic Fibrosis and much more coming soon. See you there!

The Education Committee will meet on Tuesday, October 10 at 7 PM in the Hut. For more information, call Peter at 889-1694.

Dance Company Rehearsal Tuesday at 7 PM in Shriver Hall. No experience necessary. You must attend rehearsal to be in the concert. Call Rachelle (243-8939) for more info.

JHMI Bayne-Jones Memorial Lecture: "Effector Mechanisms in Cell Mediated Immunity" by Zannvil A. Cohn, M.D., Tuesday, November 2, 5 PM, Turner Auditorium, JHU School of Medicine.

"People Dealing with Terminal Illness": A.P.T.T. Peer Support Group meets every Tuesday 7-8 PM in Conference Room B (basement of Levering).

DONUTS, DONUTS, DONUTS! 5.25 every Tuesday. A.P.T.T.—basement of Baker dormitory. Open Sunday-Friday 7 PM-1 AM. Talkline 338-8001.

Johns Hopkins Crew race 10/7 at Middle Branch Park (near Inner Harbor). Shuttle leaves Athletic Center steps 9:30, 12:30, 3:00. Leaves boathouse (front) 12:15, 3:15. All interested in watching rowing competition welcome!

INTERNSHIPS IN STATE & LOCAL GOVERNMENT: The Curriculum for Political Leadership is now accepting applications for the January mini-mester and the Spring term. The application deadline is Friday, October 20. For more information, contact Mark Rush, x4617.

The National Society of Pershing Rifles is looking for new members. All those interested should attend a picnic on Sunday, October 8 at 1 PM on the practice field at the Athletic Center. Questions? Call Jon at 467-7726.

What? No JHU Band rehearsal Sunday? Yes, sorry to disappoint all you Band groupies but we will not rehearse on Sunday, October 8. Wednesday rehearsal as usual, 7 PM, ROTC Building. Questions? Call Scott at 366-2623.

F.S.A.!! The next meeting of the Filipino Students Association will be held on Thursday, October 12 at 6 p.m. at Wolman, apt. 4F. F.S.A. projects for the Cultural Festival will be discussed. All current members please attend. New members are always welcome. Call Len Guzman (889-2528) or Ron San Juan (889-3068) if you have any questions.

Students for Environmental Action meeting Tuesday at 9 PM, AMR I Multipurpose Room. It's not too late to get involved. Just say yes!

Attention Forest Committee. Rainforest week is October 21-29. Planning meeting for local activities tomorrow, Saturday, October 7 at 2 PM in Ames 234. For more information, call Lisa Nowakowski at 879-5511.

Put some excitement in your life. Come to the next Athletic Committee meeting Tuesday night at 7:30 PM in the SAC Lounge.

Come cheer on the Jays as they get their first win this Saturday at 2 PM. Kickoff competition at halftime.

Concert Committee will not be meeting this Monday due to Fall Break. The next meeting will be on Monday, October 16.

Answer: It's at 6 PM, October 12, in Gilman 12. Question: When is College Bowl's second meeting. All trivia mavens, undergrad and grad, are welcome to attend.

Housing Now! march in Washington, D.C. on Saturday, October 7. If transportation needed, please go to 325 East 25 Street for a \$5.00 round-trip ticket or reserve one with Joshua Coleman, director of the Student Survival Network. (301)243-3333. Any questions? Call Joshua.

The Pre-Health Society will be meeting on Thursday, October 12, at 7:30 in Conference Room B, under the Glass Pavilion. We will hold elections for new officers—all new members welcome.

All those returning from last year's Women's Varsity Squash team or intending to try out this fall must attend the mandatory physical on Tuesday, October 10 at 6:45-7:15 PM at the Health Clinic. Problems? Call 243-5646.

The Bridge Club's first Duplicate Tournament will be held on Friday the 13th at 7:30 PM in Levering Cafeteria. There is no entry fee and partners can be provided. So show up and bring plenty of luck.

The Bridge Club continues to meet every Thursday night at 8 PM in the Snack Bar. Lessons for every level of player are offered.

Attention all undergrads: Deadline for Elections Commissioners has been extended! It's now due October 10, 1989 (Tuesday, 5 p.m.) at the SC office... upstairs in Levering Hall. Apply now and be a part of the electoral process at Hopkins.

The House of Commons will be meeting Tuesday, October 10 in the Executive Room under the Glass Pavilion from 7:30 PM to 9:00 PM. Topic for discussion: Capital Gains Tax. New members welcome!

Aren't those beds in the freshman dorms just a little too small? Discuss these and other undergraduate woes at the next meeting of the Gay and Lesbian Alliance on Monday, October 16 at 8:00 PM in Conference Room B (below the Glass Pavilion). There will be no meeting on Monday, October 9 due to Fall Break. You don't have to be gay, lesbian, or bisexual to come to the Homewood Discussion Group. You just have to like talking about them. The next meeting is Tuesday, October 10, at 7:30 PM in the Clipper Room (second floor of Shriver Hall).

Help elect America's first black governor. Join the Young Democrats' campaign trip to Virginia on Saturday, October 14, where we will spend the day helping Doug Wilder's election effort. For more info call Jon at 366-7336 or Dave at 243-7864.

There will be a Social Committee meeting on Tuesday, October 10 at 7 PM to discuss Oktoberfest in the SAC lounge. If you have a question, call Josh at 467-2303.

Come join the Jewish Students Association for a Sukkah decorating party on Wednesday, October 11 at 8 PM. On Sunday, October 8, and Monday, October 9, there will be Yom Kippur services at Goucher. There will be transportation to and from services. For more info, call Drew at 467-6944 or Lauren at 467-6361.

Bored? Come make some fun! Join us at the Union Board meeting, Tuesday, October 10 at 8:00 PM in the Student Council Office.

Get set for another Fine Arts Committee meeting next Thursday, October 12 at 5 PM in the SAC Lounge. We'll discuss our trip to the BSO, Mechanic, and Bertha's. See everyone there!

SENIORS: Anyone interested in working on the Graduation Speakers Committee: Show up at the SAC Lounge on Tuesday, October 10 at 7 PM. Apologies, please call Bill at 243-6630.

The Big Bang Theory and Creation in Judaism: Lecture by Dr. Andrew Goldfinger, professor of EE at APL. Tuesday, October 17, 8:00 PM in Jewish Students Center (Basement of AMR I). Sponsored by Union of Jewish Graduate Students.

Torah Study Group Tuesday, October 10, 8:00 pm in Jewish Students Center (basement) of AMR I. Sponsored by Union of Jewish Graduate Students.

"Hiya, Matt Sinkage, ace reporter here. When I'm not investigating UFO's or foiling foreign agents, I like to see what's happening at the Comic Book Club. It's more fun than a Silent Invasion! Come to the next meeting, Tuesday, October 10, 6:00 PM in the Executive Room." Questions? Call 889-5150 or 889-3019.

Have you ever wanted to go to a real artist's studio? On Friday, October 6, you can, when The Comic Book Club hosts a trip to Insight Studios, home to Mark Wheatly and Marc Hempel of Mars, Blood of Dracula, and Jonny Quest fame. Meet in front of Levering at 12:30 PM on Friday. Questions? Call 889-3019 or 889-5150.

The all-important next meeting of the Cultural Festival Steering Committee will be held on Tuesday, October 10 at 8:00 PM in the Executive Conference Room (downstairs in Levering). Representatives from all participating groups must attend.

BME Labtalks are student seminars given by undergraduate biomedical engineering students about their research. This week, our very own Nicholas Sliz will discuss excitation and contracture thresholds in mammalian heart cells and their applications to defibrillation. Tuesday, October 10, 6:30 PM in the BME office, New Engineering Building. Refreshments will be served.

Hopkins Jewish League meeting: The "Fruit of Her Hands" (video). Topic: remarkable Jewish women. Thursday, October 12, Video Room, AMR I.

Free recycled school supplies at the next exciting meeting of Students for Environmental Action Tuesday at 9 in the AMR I Multipurpose Room. Hear of committee plans and progress, upcoming legislation, and write letters with us!

General Seminar in Atlantic History: "Mesoamerican Idolatries—Old and New" by Prof. Nancy Farris, U. of Pennsylvania. Tuesday, October 10, 4:00 PM, Macaulay 404.

General Seminar in Atlantic History: "Elements of Maya Style" by Prof. William Hanks, U. of Chicago. Tuesday, October 3, 4:00 PM, Macaulay 404.

Linkwood Park Fair-junction Linkwood Road & Cold Spring Lane. Saturday, October 7, 10 a.m.-4 p.m. (raindate Saturday 12-4). Pit roast, flea market, kids' activities and much more.

Model United Nations will hold a meeting next Tuesday, October 10 at 9 PM in the Executive Room (below the Glass Pavilion). Country assignments for Smith, Georgetown, and Penn conferences will be given out. For more info or if you cannot make it, call Jon at 366-7336.

Creative works of all kinds are now being solicited for Zeniada, the undergraduate literary magazine. Send your plays, photos, drawings, cartoons, fictions, non-fictions, essays, theses, homilies, and didactics of all kinds to the Zeniada Submissions Box in the SAC office before October 20. Questions? Call Pam, x1984, or Li Wen, 467-2294.

Photograph by Rachel Carpenter



Photo submissions welcome for Exposure. Have any Hopkins life shots, travel photos, or any other interesting pictures? Send your color or b/w photographs to Box 861 or call the News-Letter office (x7647) for more info. Photos returned upon request.

EXPOSURE