

John Biggs Consort

Mr. Biggs' interest in early music grew when he met well known singer-arranger Salli Terri while both were members of the Roger Wagner Chorale. She urged him to buy a harpsichord and he did. After that, he slowly built up a large private collection of authentic reproductions of early instruments such as krumphorns, recorders, viols, minstrel's harp, portable organ, hand-bells, etc., all of which he has learned to play.

The Consort became a reality while Biggs was a student of UCLA. Their first professional concerts were given at the Chelsea House, a British restaurant in Los Angeles. The audiences were at once delighted with the informality of the programs, listening to the intimate chamber music while they sipped their tea and ate their British pastries. This is much as it must have been in earlier times, when the concept of the "concert hall" was non-existent, and the intimate performance of music was the thing. It is just this informal, intimate spirit that has become the trademark of John Biggs Consort.

One aspect of programming that sets the John Biggs Consort apart from other groups devoted to early music is the scope of musical periods they present. In one program they can easily go through seven centuries of music, all the way from a Medieval dance, to a contemporary piece for voices and electronic sounds. The variety is breathtaking indeed! They bring the music of all periods to life for the 20th century audience.

As a composer, Mr. Biggs is making a name for himself in both choral and instrumental fields. While on a Fulbright Scholarship in Belgium, he conducted the world premiere of his Symphony I with the Antwerp Philharmonic Orchestra. On returning to this country, he took a position at Los Angeles City College, followed two years later by an invitation on a U.S. Government Grant to be Composer-in-residence at Kansas State Teachers College in Emporia, Kansas.

Seven Weeks Blessing or Curse

by Bob Fried

"We usually cover the whole book, but we just don't have the time with these seven week terms." "I would like to give a demonstration to make these formulas more meaningful to you, but we just don't have the time." "There's no time to go into the applications." "We really don't have the time to go over homework." "I wish we had more time, so that we could analyze these literate works in more detail."

Sound familiar? I've been hearing encouraging remarks, like those above, ever since the 7-week terms came into being. It is time that we re-evaluate the seven week terms.

It says in the Operational Catalog that 1/3 unit (for 7-week term) equals 3 credit hours (for old 14-week term). If this is true, a 1/3 unit course should cover the same material, in as much detail, as a 3 credit course under the 14-

week term. A 1/3 unit course meets 4 hours a week for seven weeks, or for 28 hours. A 3 credit course met for 3 hours a week for 14 weeks, or 42 hours. There is no way you can cover 42 hours of work in 28 hours, unless you rush so fast that no one benefits.

Many professors just cover the formulas and derivations, but leave our examples and going over homework and applications. Giving examples and going over homework helps students learn techniques that they may have missed on their own. Students can learn from their mistakes as well as mistakes and problems of other students. It is easier to learn formulas on your own than it is to learn techniques on your own. I've spoken to many freshmen, and most of them have complained that their professors never go over homework or give applications.

I have also spoken to a number of faculty in the engineering, physics, and math departments and they have said that the 7-week term is probably fine for their own courses. However, even the humanities have disadvantages under the 7-week terms. In literature courses a student should be able to read as much in seven weeks as in fourteen weeks, since he has less courses at a time to worry about. The problem is, however, that there is less time to analyze the works. This analysis can only be done in class. By the way, when I asked some of these professors why they don't speak up, they answered that they like their jobs.

One thing I don't understand is that we now have more courses in a 14-week period (six courses for two terms) than under the old 14-week semester (five courses for one semester), but we have less hours of classroom instruction per course, while tuition goes up.

Since professors have to rush so much, it is now more difficult for them to know their students, which is against the philosophy of the PLAN.

Something must be done. The amount of classroom instruction must be increased. Perhaps we should try tri-semester. In any case, students, faculty and administration must get together to iron out these problems.

Weiss Odyssey

To start Al's Sabbatical year from Worcester Polytechnic Institute the Weiss family (Eileen, Alvin and our son, Louis) flew from Boston to Zurich on September 1. We attended the Third Molecular Sieve Conference, then drove through the Swiss Alps and stayed at Bregenz, Austria, on the Bodensee in the Bavarian Alps. Then on to Munich to pick up our Audi Fox and to meet our daughter Linda. Munich, especially the Hofbrauhaus is great fun. We drove south through the Alps, staying at Innsbruck and then through the Brenner Pass to Verona, and on to Rome, where we spent several days with dear friends (Alex and Vera Logwinuk) who had just moved to Italy. They have rented a beautiful villa in Ostia, not too far from the sea. Then to Sorrento and Capri (in the rain-forest) and by ship, from Brindisi, Italy, to Patras, Greece. Louis flew to Israel October 1, and the rest of us, after a few days south of Athens on the beach, took the Hellenic Mediterranean Lines Cruise Ship "Appollonia" from Piraeus sailing through the Greek Dodecanese Islands. A nice day was spent on the most beautiful island, Rhodes, and then Saturday morning, October 6, the ship stopped at Limassol, Cyprus on its way to Haifa.

And that is when the war started!

The Captain of the ship was not permitted by his Company to proceed to Haifa, 100 miles away, and instead sailed to Famagusta, Cyprus, Sunday, October 7, the day we had planned to arrive in Israel. The tension on the ship was fierce, the Israelis aboard organized the passengers, and almost everyone (except round-trip tourist groups) voted not to accept their passports and disembark. At night, we were able to see explosion flashes in Syria right from the ship.

The ship stayed at the dock, with passengers and crew as tense as imaginable. Consuls from the embassies and newsmen were constantly present. Finally, on October 9, the Port of Haifa was officially closed, and the ship had a legal excuse to terminate the voyage at Famagusta.

So we, and all others destined for Haifa, disembarked. The young people camped near the walled Turkish quarter, those without cars went to Nicosia to be near the airport, and we rented an apartment on the beach in Famagusta. It is quite a beautiful place, much like a micro-Miami beach with a Greco-Turkish flavor.

On the morning of the 13th, Eileen learned that a tramp steamer was leaving for Haifa in an hour, so we filled our car with luggage, practically cleaned out a Cyprus Super Market, since BBC was (erroneously) claiming there were great food shortages in Israel, and drove right to shipside and watched the car be hoisted aboard. Then, El Al arranged a special flight in the wee hours the following night. We left Cyprus with only normal searches, and the jet, filled with very happy and relieved people, with all lights on and "Fiddler on the Roof" playing made the half-hour flight to Lod Airport, Tel Aviv, at 3:00 a.m., October 15.

As a warm gesture of Israeli hospitality, we were met at the airport by Clive Burton of the University of the Negev, who drove us to the Desert Inn in Beer

Sheva (a Las Vegas without crap tables). Convoys of troops were everywhere, and it was inspiring to see elderly men and women operating volunteer free coffee and food stands along the highways for them. The soldiers were incredibly young, exhausted on their way from the Golan Heights to the Sinai.

Wartime Israel was an interesting situation. Daily commerce and civilian driving were in no way hampered. Food, gasoline, and everything except tourists were plentiful. The really careless blackout at night was the only apparent concession to the emergency to which every last man and woman in the country was committed. Trains ran on normal schedules, and we went to Haifa the day after our arrival to retrieve our trunks and car at the port. We also attended the Israel Philharmonic Orchestra concert that night with Zubin Mehta conducting and featuring the pianist Jean-Bernard Pommier. Proceeds of the concert went to the war effort.

Our apartment in Beer Sheva is situated on one of the two main supply routes to the Sinai, and the troop activity and convoys during the nights were impressive. We have an air-raid shelter in the building, and the sirens would sound whenever a UFO crossed the Suez. By the date we arrived, nobody bothered to go to the shelter except us; once, since the Israelis figured that it was impossible for a plane to penetrate as far as Beer Sheva.

The Israelis are very efficient. Monuments serve as lookout towers, e.g., and the soldiers enjoyed having us come up and visit with them. Troops move around the country to their posts by hitch-hiking, and we, as everyone else, always made sure we had a car full of soldiers, usually with their machine guns. (Incidentally, theirs is the only one in the world with a bottle opener built into the handle — that's foresight).

We drove to the Dead Sea and along the Jordanian border on the 20th. Except for the empty hotels and hitchhiking soldiers one would not imagine that he was looking across the border of two warring countries. The Dead Sea Potash Plant was in full operation on the border. Northern Negev Desert and Dead Sea area are very reminiscent of the barren, rugged mountains desert area around Hoover Dam in Nevada and Arizona, and not at all sand dunes like the Sahara. Camels, donkeys and Bedouins are very colorful inhabitants of this area.

Since practically all the students and professors were in the army, the Technion in Haifa was totally closed down. The University of the Negev, remained open to organize volunteer services, but there were no classes. Linda went out picking cucumbers as her contribution to the war effort.

Beer Sheva has an Absorption center for new immigrants, which are constantly coming in. They are mainly Russian Jews, and literally thousands are emigrating here. Many are very cultured and we heard an excellent Chamber music concert from them one evening.

I am writing this on the 22nd of October, the day Kissinger visited Israel. Hopefully, the cease-fire will hold and peace will come to this dynamic, determined little country. Shalom from all of us.

Al Weiss



Editorial:

Editors Take Issue with Dr. Kanich's Letter

Dr. Kranich, we take issue with many of the points you raised in your letter to *Newspeak* of October 31. Although the criticism of the WPI Plan you referred to may have been "depressing and demoralizing," all too much of what was stated was true. In many ways Dr. Keil's statement that students are oftentimes treated as second class citizens is true. For example, how often do faculty members ask students how they wish a course structured? Students are paying for courses and are interested (in most cases) in learning, therefore, why should a faculty member run a course totally the way he wants to? Cer-

tainly, faculty should not view themselves as demigods.

The term second-class citizens is definitely appropriate when one considers those burnt by the Ellsworth-Fuller situation. The lack of furniture, a lack of a written contract guaranteeing the tenants legal rights, and the exorbitant rental cost are prime examples of exploitation of WPI's second-class citizens. Recently, Dr. Hazzard was asked whether student requests for a rebate would be acted upon. His reply that nothing had been done and nothing would be done reflects the attitude of the administration towards the students.

Dr. Kranich, the tone of your letter implies that faculty shouldn't criticize the Plan for any reason. We find this attitude totally reprehensible. If WPI is to grow and truly be a "community with a common goal" criticism about all aspects of the Plan, for students, faculty and administration is vital.

SCP & GFP

Objective Tests Objectionable

Dear Sirs,

An integral part of the WPI Plan is the demonstration of sufficiency in some area of the humanities. This Sufficiency Requirement is there to help produce engineers and scientists who are capable in relating to the "fine arts" and society rather than the stereotyped engineer or scientist. WPI is trying to change the image of its graduates, and rightly so, but the humanity departments do not seem to want to cooperate totally.

I am on the Plan and am attempting to obtain a sufficiency in Literature. I have therefore taken several English courses and know quite a few people who have also taken courses from the English department. As I was reading the Faculty Pen of Prof. Roche of October 9, I nearly died laughing. Prof. Roche said that the Plan allows one that "participation in some area of learning which the Humanities represents." I can say with complete certainty that his courses do not show the true world of the humanities. His course this past term consisted of reading a number of poems, short stories, and then taking true and false tests. I could be wrong but I have always thought that the study of literature dealt with interpretation and opinion rather than thoughtless true and false questions. Is not the study of the humanities the process of learning to interpret the artist's work?

Unfortunately, Prof. Roche is not the only professor who approaches the study of humanities in this manner. I was told by an economics professor during my freshman year that I was a freshman Techie, therefore, I do not know how to write, therefore, I will not be asked to write anything. Last year in a course on Shakespeare, we read seven plays and had two objective tests. If Shakespeare knew of such a treatment of his works, he would probably roll over in his grave.

Fortunately, not all of our professors have a similar course format. Prof. Schacherle of the English department knows what the study of Shakespeare's plays or Chaucer's tales encompass. He knows that these authors are open to analysis and this is closer to what the humanities is all about.

If the WPI Plan is to work, some people are going to have to change their ways. The school and its faculty cannot pay only lip service to the Sufficiency Requirement. The Sufficiency Requirement could be a worthwhile part of the WPI Plan. If the belief that "Techies" cannot appreciate the humanities is continued, we might as well remove the sufficiency requirement from our degree requirement.

Name withheld upon request

Ellsworth Fuller Rates & Rebates

Once again I must turn to the issue of Ellsworth-Fuller rates and rebates. For some this may be a stale issue, but the students clearly are getting ripped-off, and something should be done. I'd hoped to find out what could be done about the two situations (high rates and initial lack of furniture), but I was rather disappointed by Boynton's reactions and feelings.

I had brief discussions with Chuck Cochran, Mr. Lloyd and Dean Trask concerning the matters, and had some interesting things come to light, but not what I'd hoped to find out. The issue of rebates is now being "considered" by Mr. Cochran, Mr. Lloyd, Dn. Reutlinger and Dn. Trask, who have met for discussion with no conclusions yet. Could it be they hope that the issue will fade now that we have our furniture? I should point out that in a recent survey of E-F residents by Wilford Lowther that there was nearly unanimous agreement that the rates were too high and that we should get some sort of rebate (see "Ellsworth-Fuller Query", Oct. 14 *Newspeak*). The most common method respondents used to calculate a fair rebate was on the basis of rates and time we went without furniture.

The results of my meeting with Mr. Lloyd and Mr. Cochran (who supports Mr. Lloyd, his boss) were not very satisfying. Mr. Lloyd seems to talk a lot without actually saying a lot. He gave me exactly what I'd expected: a story of how hard hit the school was financially. Apparently WPI is losing money on these complexes despite a rate that should be supporting them quite well. Is this a fault of poor planning? How can many entrepreneurs make money on apartments with lower rates if WPI's case is typical?

It's relieving to note that at least two faculty members have spoken out in agreement with our complaint of high rates. (See "Faculty Pen" by Dr. Kiel and "Olie Speaks Out" in the October 9th *Newspeak*.) Dr. Kiel suggested that perhaps the school should lease the apartments at commercial rates on a per-foot basis, and charge per-apartment rather than per-man. Of course, by charging a reasonable price, the school may lose money. This isn't a very good way to run a business.

In the meantime, we must go on wondering what the school plans to do on our behalf. Therefore, I put this question to Mr. Lloyd and his associates: What do you intend to do? When?

Arab - Israeli Battle Erupts

To the Editor:

We have all read the news on the Mid-East, and after some Arab claims, nothing would really surprise me. However, the article 'YSA on Mid-East' did.

There are just so many errors and outright lies in it, that this reply is necessary. Here it is, point by point.

1) "It is a racist state...": The Arabs in Israel have more rights there than Arabs in Arab countries do. Jews in Arab countries have no rights, so which state is really racist?

2) "based on the expulsion of the original Palestinian population..." There was no original Palestinian population. The Arabs who lived there over the years still, for the most part, live there now. Those who left mainly came after 1900. Those who left, left when the Arab states told them to.

3) "and helped put down an Arab insurrection in 1939." The 'insurrection' was a riot against the immigration of Jews being allowed.

4) "effectively forcing many Arabs to leave..." Over a half-million Arabs immigrated between 1900-1948.

5) "the Zionist armed forces took over..." It was Israel which was attacked, not the other way around.

6) "Israel was pressured by... France". The foreign minister of France said that France would back Israel 'with all we've got.'

7) "and has not been willing to negotiate..." Israel has said since the beginning, "we will negotiate, with no preconditions, anywhere and anytime. The Arabs refused to meet face-to-face with Israel.

8) "three-quarters of the Jewish population lived outside Palestine." 99 percent of the Arab population lived outside of Palestine. So?

9) "Arabs are forces to live in separate communities..." Arabs live wherever they want to.

10) "virtually (no opportunities) for unskilled (and skilled) Arab Workers." Most Arabs belong to the General Labor Union, and are fired and hired the same way as Jews are.

(Con't. Pg. 4, Col. 4)



Daniels Third Corrects Record

To the Editor:

I would like to compliment Bob Lindberg's ('74) letter concerning the opening of the Pub to underclassmen. His ideas dealing with the informal relationships between professors and seniors is well taken and I hope when I become a senior, the atmosphere of the Pub will allow me to rub elbows with the faculty. Definitely, the Pub belongs to the seniors.

However, the accusations he made concerning the freshmen in Daniels and Morgan of the past several week nights is full of the same hot air as the upperclassmen of Fuller and Ellsworth.

If it hadn't been for a drunken party at Ellsworth 2 1/2 weeks ago,

none of these nightly disturbances would have occurred. One of our finer upperclassmen sat on the front lawn of Ellsworth for a half hour shouting obscenities to people back in the party and to people passing by on the street.

It was also the technological advancement of our upperclassmen that inspired them to use strobe lights, spot lights, megaphones, and to shout obscenities over a P.A. system which could be heard for blocks around.

All I can say is that we freshmen only hope we can follow the clear and upstanding path that our older brothers have laid down for us.

Daniels 3rd.

Rock and Roll Revival Criticized

To Baccus.

After years of hardwork spent by the social chairmen of the last six years on the homecoming weekend, after bringing to this school the likes of Sha-na-na, Al Kooper, J. Giels, John Sebastian, Richie Havens, Sweetwater, Sly and the Family Stone and Janis Joplin, for homecoming alone, just to have their efforts belittled by non-appreciative, self-appointed critics writing in the *Newspeak*, I feel sick when the present social chairmen present a "Rock and Roll Revival", and find it praised, and the chairmen themselves raised to the heavens along side the gods as the paragons of social chairmen.

I do not wish to belittle the efforts of the present social chairmen, for I have no doubts that they are putting in their maximum effort, but with such a legacy behind them, when one compares, I find it hard to understand how a "Rock and Roll Revival" could reign supreme in anyones mind,

especially a supposedly knowledgeable music critic, like Baccus.

Are my thoughts real or illusions? Is there anyone else who is as disgusted as I am, and would be willing to contribute his writing talents and musical knowledge, and help bring up the standard of quality of *Newspeak* to a respectable level? If so, speak out!

Sincerely,
Adam Taylor

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Stephen C. Page
753-1411, Ext. 517
Gerard F. Petit
757-9308
Editors in Chief

John Fitzpatrick
Jack Matte
Ken Szefflinski
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Robert J. Sypek
Circulation

Writers this Issue

Lea Garrison, Bruce D'Ambrosio, Len Goldberg, Bob Fried, Al Weiss, Bob Bradley, Ralph F. Miller, Domenic Grasso, Miki Heikkila, Capt. William H. Brethorst, Matt DiPilato, Rich Ventre, Al Briggs

STAFF THIS ISSUE
Bill Cunningham, Elizabeth Ernst, Judy Nitsch, John Hatch, Ed Robillard, Paul Klinkman

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Tel. 753-1411 Ext. 464

IFC Corner

Worcester Polytechnic Institute
Interfraternity Council

Projects

by Bernie Dodge

Sig Ep Takes Homecoming Display Honors

Sig Ep captured the Alumni Award for the best homecoming display Saturday, October 20. For those of you who did not get a chance to see the display it consisted of a large ape made of tissue paper and in its hand was a rope which was wrapped around a Wesleyan Cardinal, also made of tissue paper. This arm of the ape was connected to a motor which raised and lowered it in a realistic manner. The caption read, "The Sig Apes Will Conjure the Cardinals into Carcasses." Credit should be given to those who did a majority of the work on the display. These people are: John Palitsch, Dave Williams, Peter Kuda, Mike Dolan, and Tom Garabedian.

Phi Sig Pledges Topple Brothers

by Bill Cunningham

The Phi Sigma Kappa PLEDGES got off to a good start against the brothers this season with a 3-2 soccer win on Sunday. Coach Glenn Higginbotham of the PLEDGES was quite happy with the team, especially the strong front line which possessed a "tremendous second effort!" Coach Ace Borgatti was not available for printable comment.

Higginbotham scored in the first half with a blooper over Goalie John Mathews head. The next two goals were scored by the brothers giving them a 2-1 advantage. The PLEDGES began to get tough with their precise and accurate shots on net. The fantastic front line capitalized on the brothers handicap by setting up Superstar Brian Barnowski for two goals making the score 3-2! The super DEFENSE of the PLEDGES kept the score 3-2.

Although the PLEDGES were without their star player because of a recent motorcycle accident, he will play next Sunday for the rematch at the Soccer Field at 1 p.m. Maybe Veg will keep his hands to himself this game.

Delta Sigma Tau

As part of the Parents Day Program, the brothers of Delta Sigma Tau held a buffet luncheon for their parents. It gave parents an opportunity to meet the brothers and other parents as well as see the house. Special congratulations are due Don Lounsbury, Fraternal Committee Chairman, for doing a fine job in organizing the parent's day festivities.

Congratulations also goes to our seventeen pledges for their two raids on successive nights. Pledgemaster Jay Pulli is doing an excellent job in getting the pledges psyched.

John Kowalonek
Publicity Committee Chairman

Town Use of Federal Land
This is to announce a comprehensive, multi-disciplinary student project involving a study of alternative potential town uses of surplus federal land in Maynard, Massachusetts.

The town of Maynard has applied to the General Services Administration to take over ownership of a 100 acre tract of undeveloped land, which is part of the former Maynard Ammunition Depot. The entire Depot, of over 1000 acres, lies partly in Maynard and partly in two other towns and may soon all be declared excess. A report justifying such transfer, including an indication of proposed town uses of the site, is being prepared for the town by the Massachusetts Department of Community Affairs, and this project is to assist that department in such undertaking.

The study will be divided into at least four major parts, each related to one possible and permissible category of future town use of all or part of the site:

- (a) Water supply (in reference to possible well fields)
- (b) Transportation (in reference to possible access roads and/or center by-pass)
- (c) Recreation and conservation (in reference to possible outdoor recreational uses and resource protection areas)
- (d) Education (in reference to possible site for new or enlarged adjacent school)

Students are needed with backgrounds in water resources, hydrology, urban transportation, resource conservation, urban planning and community facilities. The project can be tailored to be an IQP, MQP or independent study. Most of the work will be done this term, although a reduced effort may continue through terms C and D. Faculty advisors will be Professors Benjamin, Lutz and Desrosiers. If interested in this project, contact Professor Benjamin immediately.

Rolling

with

DEB



Dear Readers,

It seems you people haven't been writing much these days. Now, either you don't read the column, or you're too stoned to write. In the first case, screw yourself — who needs you, anyway? In the second case, there's no such thing as being too stoned to write — I once got an A+ on a paper written during an ounce party. (For you beginners, an ounce party is where everybody brings an ounce of grass, and nobody leaves until it is all gone. If all you've got is hash, (and I wish I had your problems) bring 1/4 oz. And if all you've got is that awful stuff from Indiana that was around this time last year, you'd be better off getting drunk.)

Speaking of parties, what kinds of things do you people do at parties (besides smoking, stupid!)? (Is that punctuation right? Who knows? Who cares!!!!) I've got some pretty strange friends who do some pretty strange things.

For example, one friend hung tin-foil on the rabbit-ears of his TV. His stereo was big enough to vibrate the foil, causing some weird things on the screen. He could get a negative picture some times, or just flashes and flickering, depending what was on the stereo, and how the fine tuning, brighteners, and all the rest of the dials were set. You don't even have to have it tuned into a station, especially on a color tube. It's nice to watch someone good mess around with a color TV.

Another friend had made a pipe with two stems — one normal and one with a fake hole; it didn't go all the way down the stem, so that when you tried to draw, it just did not work. He'd get 2 or 3 pipes going in different directions, then fill and light the trick one with the good stew in it. After two or three rounds of his trick one, he'd change stems and watch the reaction as people tried to figure it out, one by one. Pity the last guy to find out — he really felt dumb.

If you've got a tape recorder and a receiver that can work independently, you might try what somebody else does now and then. He plays BCN for the first two hours of a party, and records BCN and the noise from the party without telling anyone (shades of Watergate!). He rewinds the tape, and plays it. The expressions on everyone's faces are something to see, as each person realizes why it sounds so familiar.

You can fall into the usual things (i.e., eating, music, sex — hey, I could stand falling into some of that — smoking some more, sleeping) but now and then it's nice to do something different. Went stoned to a Thursday night Bingo game at a certain church in Worcester — it was a real gas. Those horrible family reunions aren't too bad if you can sneak a number now and then — especially if some long-lost cousin turns out to be a bigger freak than you. Get stoned and go to court (unless it's your own trial). See your advisor stoned (especially if he smokes). Go to the WPI Bookstore stoned (see above parentheses). Smoke alone (a lot of people don't — it's nice now and then).

Let us know what you like to do when you party, or what you like to do afterwards — who knows what may happen.

If you get it up,
keep it up.
Deb

Personal to R. Just got your letter but lost the envelope with the box number. Send again. Thanks.

Hot and horny,
Deb.

Washington Project Center

WORCESTER, Mass. — Worcester Polytechnic Institute, one of the nation's oldest colleges of engineering and science, will establish a satellite campus in Washington, D. C.

WPI President George W. Hazzard announced today that operation of the WPI Washington Project Center will begin in September 1974, with 20 students and two faculty members in residence. WPI is negotiating for housing and office space. Dr. Hazzard said.

"We are told that this is the first such project center to be set up in Washington by a technical-scientific institution," said President Hazzard. He said that the WPI Washington Project Center is entirely different from the "internship" programs in which college students, primarily in liberal arts, work in legislative and executive department offices for experience. WPI students will go to the capital prepared to work on specific real-life problems of the many government agencies. Work on the project counts as one of their degree requirements.

Student participants will be selected at the main campus, founded in 1865 at Worcester, Mass., to work on projects involving integration of technology with public need in the nation's capital. The total undergraduate enrollment at Worcester is a record high of 2069, of whom more than a hundred are women students.

Arrangements have been completed with six government and two private agencies for specific types of student activity in Washington, according to Dr. Hazzard.

He said that initial funding for the project comes in part from a \$733,000 National Science Foundation grant awarded to WPI for the implementation of an innovative technological education program now in its third year and involving the entire college with overall direction the responsibility of the Dean of

Undergraduate Studies William R. Grogan, Dr. Hazzard said.

Dr. Francis C. Lutz has been named resident director at the Washington Project Center. He is an assistant professor of civil engineering with considerable professional experience in environmental technology. Each term, other WPI faculty will join him on a rotating basis to provide two faculty advisors in Washington at all times. The Center will involve 95 students and five faculty each year.

Students will work in project teams of three to five members, normally with several academic disciplines represented in the project. Prior to going to Washington, they will do background research on assigned programs and develop a proposed plan of approach. While in Washington, they will work full time for seven weeks both at the cooperating agency and in the Center's study-work area. Many projects are expected to involve successive teams of students with each working on phases of the problem until the preparation of the final report and recommendations.

"Exploratory talks with government agencies began this summer," said Dr. Hazzard. "We found considerable enthusiasm on the part of public officials for project activity by engineering students. Many of the problems facing these agencies involve technological questions in addition to social and economic considerations. Our experience with project activity in the vicinity of Worcester campus convinces us that these students will make a substantial contribution toward the solutions of major problems at the national level. This will be a learning experience with benefits to all parties concerned."

Washington agencies indicating interest in joint activities with WPI include the Departments of Transportation, Commerce and Agriculture, the Environmental Protection Agency and the National Bureau of Standards. Other groups include the New England Congressional Caucus and Common Cause.



Harry Thompson

One of the more important people on campus that everybody probably knows by now is Harry Thompson. Mr. Thompson is the manager of the WPI bookstore or more definitely Manager of College Sales and Service. Without him or the bookstore we would have one hell of a time getting our books, supplies, and in general we would have a very large inconvenience just to go down to the food store for a box of soap or cigarettes. Mr. Thompson said the main function of the store is to provide the books, but this alone is not enough business for the store. That is why we also have all of the things that are in there now. The entire staff is open to suggestions as to what item they don't have that you would like.

Mr. Thompson came to WPI in 1964 as the manager of the store.

Since then he has noted great changes in the store, the school, the faculty, and student body. Mr. Thompson thinks that the greatest change came with the institution of the Plan. It has brought about a different way of life of the faculty and students. He also says the Plan affects the store too because it takes so much fore-planning mainly in books.

When asked how he felt about our new co-eds he says the lifestyle has changed a little but not much. He also added that they were a very welcome addition to the school and they make it more interesting.

Mr. Thompson doesn't have any future plans right now except to keep improving the store and helping the students out.

Bruce Gordon



Manager
of WPI
Bookstore

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Our Men In Blue

by Dave Salomaki

When a student thinks of our Campus Security here at WPI, exactly what does he (or she) envision?? Is the force, similar to a city or at the other end of the spectrum, is it a security force in name only. Chief Al Whitney's views of the aims and problems of his staff will be included here.

As might be suggested by the name itself, the security people are interested in general with the security of those involved with the WPI community. Included in this general topic are such things as prevention of thefts regulation of traffic activities, and making trips to the hospitals as needed. Yet much more is included in the overall duties of the force: most important perhaps at this time is preserving fairly good relations between WPI and its neighbors living around the campus. With the school's hopes of expansion rising, it is important that the neighbors are not constantly annoyed by late-night parties (Fraternity or otherwise), parking in front of driveway, and racing up and down the streets.

As far as relations with neighbors and the city of Worcester in general are concerned, Chief Whitney emphasizes the fact that our force has very good relations with the Worcester Police Department, as opposed to some Worcester colleges. Thus when

people call the Worcester Police about problems from the Tech campus, usually they in turn contact the WPI security and try first to let them solve the problem. This practice makes possible the community with its own police—security measures. With these opportunities present, Chief Whitney views each case brought before him individually, and usually ends to give the offender a break before taking some action. Usually, problems are tried to be solved without court action, for it is felt that unnecessary court records do the offender more harm than good; many times this is accomplished by questioning the student in front of his parents if possible, or just letting the parents know what is happening. In order for this practice of solving cases without going to court is to succeed, however, Chief Whitney feels that the student court must be used more effectively and more often, thus helping both the person involved and campus feelings in general.

A question most likely to be brought up obviously concerns the drinking and drug policies of the force. No changes have been observed on campus by the change of the drinking age to 18; however, more problems have been encountered at concerts, for people of age 16 or so seem to be drinking

and are unable to effectively control themselves, as well as presenting the problem of minors drinking. Thus the use of alcohol on campus presents no problems unless other students are bothered by those imbibing.

The use of drugs, on the other hand, presents a totally different problem. No set policy has been determined as to dealing with those using or those accompanying people using drugs. In general, common sense must be used and each situation evaluated individually; involved in the evaluation are the force's responsibility to school (under the Dean of Students) and its reputation, the person using drugs, and the parents, all of which combine to present a rather sticky, unclear area as far as drugs are concerned. It must be noted that several arrests have been made for drug use on campus.

In the past few years, the campus security force has gradually been making changes for its betterment. Five years ago, when Chief Whitney first came to WPI from the Mass. State Police Force, the security had more of a watchman type of connotation than a security connotation. Since that time, sparked by an alarming number of annual thefts and the arrival of Co-eds on campus, more of a security program has been undertaken. This year for the first time, students are being used effectively for night watchmen, providing both, more security men available for patrols and a better report between the students and security. It should be noted that the increased use of patrols and increasing identification measures have cut down thefts considerably.

With this new concept of a security force, a new type of man is also necessary. At the present force members have gone through the WPD training course, and when new men are needed, a younger qualified person will be looked for, for such a person will be able to take charge and will not be panicky. Overall, the security force will act like a regular police force here on campus, and will have all benefits as far as arrests and the like of a regular officer, with such a program, we are following such schools as Tufts and MIT where the security force is effectively a small community police force (Pay scale included). Because of this trend towards increasing protection and more police-like activity, the availability of guns for our force is being considered, which might be a very fine addition considering the circumstances they could now be working under. The full im-



Patrolling Ellsworth Fuller



On the job at the Gym Office



Security checks the Computer Center's door.



Our force also administers first aid.

plication of the development of such a program would be that the Worcester Police would no longer have to be called in except on cases of a very serious nature.

All in all, the philosophy of the security force seems to include more security measures, but more importantly those on the force wish to be considered more as friends to the students. In most cases, offenders will be given a break in some form or another, as far as legal action taken is considered. The force can also be more ef-

fective if students let the men know whenever something appears wrong; such information will not be taken as an imposition. With the student's help, the security force can actually become an integral part of our campus, and all can hopefully work together for the good of all. So the next time you see a man in blue, remember that he is here for your benefit and is hopeful presenting a good image of WPI to outsiders; say Hi and be friendly, for the next property he saves may be your own.

Dave Salomaki

(Cont; from Pg. 2, Col. 4)

11) "Israel supported France during the Algerian War." That's a new one. How?

12) "But instead a military state." The people in Israel are among the freest in the world, and the army has no control over the government.

13) "but often fostered it (Anti-Semitism)..." When?

14) "unemployment..." The unemployment rate in Israel is less than 1 percent. The per capita

income is one of the highest in the world.

15) "a non-secular democratic socialist state in Palestine," which is precisely what Israel is.

Zvi Szeferen
E-02 Box 2402

P.S. Hillel encourages an open debate on these issues, anytime and anywhere, on campus. If your views are just, people from YSA participate. Don't mimic the Arab states by refusing.

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CHEAP THRILLS

American Tribal Customs

by Lee Garrison

(This column, like all others appearing under the heading, "CHEAP THRILLS", is blatantly a spurious pack of lies. — LHG.) The average drugstore-liberal, we have noticed delights in finding faults in others; those very faults, in fact, which the drugstore-liberal never sees in himself. For those of us uncertain of the term "drugstore-liberal": he is the type who sent a contribution to the Vietnam Moratorium Committee, then stayed home to watch the protest on teevee. Or put more bluntly: a drugstore-liberal is one who voted for Nixon in hopes that Dick would change his ways once back in the White House...so be it. In any case, the latest fad among these all-American left-leaningers is to say that: "hippies" are "bigots" because they are more conformist than the "Establishment". A precise idea of the import of this concept requires further definitions:

- (1) "Hippies are broadly defined as anyone between the ages of 12 and 30 having hair longer than one and one-half inches, excepting uniformed Boy Scouts and the YAF.
- (2) "Bigots are persons who do not think, talk and act like drugstore-liberals, which leads to:
- (3) "Conformists", the quality of thinking, talking, and acting like other persons.
- (4) "The Establishment" is, of course, those persons in power who all think, talk, and act like one another...like Richard Nixon and J. William Fulbright, for instance. With these definitions in mind, we can translate the above concept thusly: "Kids are all alike".

Well, we all know an old FFV baroness who claims she can tell one Black from another. She proved it, much to the chagrin of the State Department, by tipping

the Ghanaian ambassador when he held her coat at an embassy affair. To this affront, the ebony gentleman replied (as we reply to the concept that all youth is homogeneous): "N'ai!" Loosely translated, this means: elephant leavings.

We can understand why the drugstore-liberal thinks as he does. One it shows his conservative friends (who thinks that all "hippies" are anarchists, communists, radicals, pinko's, faggots, and so on ad nauseum) that he is not on the side of the Left; two, it proves to his friends that he is truly liberal, being enlightened enough to criticize his comrades on the left. Of course it further shows that he is a "conformist", just like his drugstore-liberal friends. This is not a contradiction; it is merely the working of American Tribal Custom Number One:

DO UNTO OTHERS AS YOUR FRIENDS DO UNTO OTHERS.

In all fairness, we must let at least one drugstore-liberal speak in his defense; therefore we requested the opinion of Harvey Helpful, our local liberal spokesman.

"Well, gee," said Harvey: "look at all these kids wearing Levis and Army-surplus fatigue shirts. Did you ever see so many kids wearing Levis and Army-surplus fatigue shirts?"

"Well, Harvey", we interjected, "on an average student's budget of \$3.17 per week, did you expect Brooks Brothers suits?"

"Y'know," said Harvey, "It all reminds me of a story James Thurber wrote...I think it was Thurber...let's see...yeah, it was Thurber. He wrote this story about a guy who talked to a lemming...the lemming talked back, you see...and it turns out the guy

spent his whole life studying lemmings, and the lemming spent its whole life studying humans. So the guys asks...he says, the one thing he's never been able to figure out is why lemmings jump into the sea. And the lemming says the only thing he has never been able to figure out is why humans don't. I think that's relevant to the point, don't you?"

So much for the drugstore-liberal viewpoint. To further prejudice our case, we leave you with this thought from "The Sirens of Tital" (Kurt Vonnegut, Jr.):

"In a functional way of speaking, good bye."

Architecture

At W.P.I.?

Is it possible to have Architecture courses offered at WPI? Out of a sampling of upperclassmen on campus, over 20 percent have expressed an interest in taking an architecture course or seeing courses offered on campus. Some wanted to take a basic course or two for fun, while others wanted to learn more about architecture in order to better prepare them in their individual fields. Presently a limited number of students at WPI can take art courses at the Worcester Art Museum by applying at Worcester State College or Quinsigamond Junior College as the Museum has limited classroom space and allows only those two colleges to send students there. In order to determine if enough interest exists and in what specific areas, all interested students are asked to attend a meeting in the Library Seminar room on the third floor on Thursday, November 8 at 7:00 p.m. Anyone who can't make this meeting is asked to call any of the students on the Curriculum Committee (Gene DeJackome at KAP, John Forster at FIJI, or Scott Wells at LCA.)



Tuesday, November 6
CHRISTIAN SCIENCE ORGANIZATION AT WPI. Higgins Lab. 101. 6:30 p.m. **WPI FINE ARTS COMMITTEE.** Mark Lane, Attorney for Lee Harvey Oswald, with his film "Rush to Judgment" and lecture entitled "Who Killed Kennedy." Alden Memorial Auditorium. 8:00 p.m.
Critique: Of the play "A Flea in Her Ear", sponsored by the Fenwick Theatre Company. Holy Cross. Hogan Ballroom. 8:00 p.m.

Wednesday, November 7
POT LUCK SUPPER FOR CO-EDS. Higgins House. 6:30 p.m.
Speaker: Ramsey Clark, former US attorney general, sponsored by the Cross & Scroll Society. Holy Cross. Hogan Ballroom. 8:00 p.m.

Wednesday, Thursday, Friday, Saturday, November 7 thru 10
PLAY. "The Card Index", presented by the Department of Visual and Performing Arts. Written by Tadeusz Rozewicz; directed by Zeev Raviv. Clark University. Atwood Hall. 8:00 p.m. Admission \$1.

Thursday, November 8
TECH OLD TIMERS. Morgan Private Dining Room. 10:00 a.m.
CINEMATECH 73-74. TYPES OF LOVE. "Loves of a Blonde". Czech., 1965. Alden Memorial Auditorium. 7:30 p.m.
CHRISTIAN BIBLE FELLOWSHIP. "Eric Stolti Presents Ephesians" Janet Earle Room. 7:30 p.m.
PLAY. (until MONDAY, November 12): "Barefoot in Athens" by Maxwell Anderson, presented by the Classical Theatre seminar. Holy Cross. Hogan 519. 8:00 p.m. Admission 50 cents.
SPEAKER. Don L. Lee, poet, sponsored by the Cross and Scroll Society. Holy Cross. Hogan Ballroom. 8:00 p.m.
EE SEMINAR. Sponsored by the HKN and IEEE Student Society. S.B. Marshall, Engineering Manager, Sprague Electric Company. Topic: Solid State. 11:00 a.m. AK117.

Friday, November 9
"FRIDAY THE THIRTEENTH" COFFEEHOUSE. 8 - 12 midnight
KARATE DEMONSTRATION. Alden Memorial Auditorium. 6:00 p.m.
Junior Class Function: "Spiritwoods." Anna Maria College. 8:30 - 12:30 p.m. College ID's required.

Saturday, November 10
VARSITY FOOTBALL. at Norwich.

Sunday, November 11
ZAP FILM. "The Jerusalem File" Alden Memorial Auditorium. 8:00 p.m.
SENIOR RECITAL. By Dorothy Mazzarelli. Anna Maria College. Miriam Hall. 3:00 p.m. Open to Public.
PLAYS. "The Indian Wants the Bronx" and "Rats", presented by Daedalus Productions, sponsored by the CCB of D Special Events Committee. Holy Cross. Hogan Ballroom. 2:30 p.m.

Monday, November 12
SPECTRUM 73-74. "The John Biggs Consort" Alden Memorial Music Room. 8:00 p.m.
LECTURE. Sponsored by the Speakers Forum. "In Search of Dracula", Dr. Raymond T. McNally, Professor of History and Director of the Slavic and East European Center at Boston College. Clark University. Academic Center, Room 320 at 8:00 p.m. Free and Open to the Public.
FLU VACCINE Available Monday - Friday. 10:30 a.m. to 12 p.m. and 1 - 5 p.m. \$2 per injection. College Infirmary Stoddard C.
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THE REEL THING

by Bruce D'Ambrosio and Len Goldberg

All Saint's Day saw the appearance of Marjoe at Worcester Tech, an expose of a young evangelist, Marjoe Gortner. Marjoe was introduced to evangelism at age three by his parents, and quickly learned how to charm his avid followers into giving money to the cause. Looking back on his childhood, Marjoe tells us that at the time, he really enjoyed the attention he was getting, not realizing he was supplying his parents with money to live on, and would not get a penny of it.

As Marjoe grew up, he vacillated between evangelism and rock music. The movie reflected the influence rock had on his preaching. He would jump around stage and yell out the "truth" while "picking the pockets" of the faithful.

The film however, more than expose Marjoe as a con-man, laughs at all the believers who faithfully give up whatever Marjoe tells them to. One scene in particular illustrates this. Marjoe is invited to dinner at a believer's house, where the subject of "those

false evangelists" comes up. Marjoe calmly states that they know who the fakers are and who is in earnest, and the family agrees with him with cries of "They don't think we know, but we do" and "We're not dumb", while Marjoe tries to hold his laughter in.

However, this movie was more than a historical document of one con-man. The situation in this movie could apply to almost anybody who tries to get more from you than what you actually receive by offering you more than they could possibly give you, for example, the Avon lady, the Florida real estate dealers, and possibly King Richard II. This film is a classic document of the human emotions which override logic and make us all behave irrationally.

After seeing the movie, you remember every salesman's pitch you ever heard, and even if you never went to a prayer session, the film becomes so true. If you missed it here, the movie is definitely worth seeing the next time it's playing in your area, and you can see for yourself how much of a fool you've been all this time.

Parents' Day

Saturday, November 3, WPI sponsored its annual Parents' Day. The highpoint of the Parents Day morning program was ten 30-minute classes designed to provide a brief insight into the short courses that will be offered to their sons and daughters during Intersession.

The courses varied from a demonstration of glassblowing, tips on how to manage business, visions of a major city's population living in a single gigantic megastructure, to development of the theory that man is about to take a second leap in evolution, or to the riddle of transportation: will the trolley car make a comeback in mass transportation, and in what form?

Registration for Parents Day began at 9 a.m. in Morgan Hall, with short addresses at 10 in Alden Auditorium by WPI President George W. Hazzard and Donald P. Reutlinger, Dean of Student Affairs.

The Intersession Preview started at 10:30 a.m. and was planned so parents could attend three of the mini-mini courses. Faculty advisors met parents from 10:30 a.m. to 12:30 p.m. followed in quick succession by a tailgate picnic, the football game and a resumed marathon basketball game.

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Homecoming '73

by Bob Bradley

As I sit here, old man that I am, thinking of the events of Homecoming, I wonder how relevant they are to us undergrads and alumni. Friday's concert started the ball rolling and I admit not a fire ablazing. Being an R&R fan and seated up front, I looked around, seeing who I could see. There wasn't a capacity crowd, yet I believe Harrington's foundation was shifted once again. The Drifters sounded as tight as 15 years ago (although my recollection of their sound was exponentially decreasing as I nursed my bottle of gin.) The music system filled the hall with oldies but goodies. The Shondells, Del Shannon, and yes, Chubby Checker with original hits and works from other artists (Coasters, Dion, etc.). I best recollect all the sights (point of personal info: Who the hell pulled me down off my chair? I was really psyched), sounds, people dancing in the aisles, all the things that accompany a good time. The impact and crowds didn't match Shanana's show of last year, but the Social Committee tried to satisfy. I had an infinite time (so did my date!), yet many guys sat sucking up Schlitz and the boob tube back at the house. Perhaps, just perhaps, a different appeal for others on J.P., consider both sides.

Seeing one's school lose isn't bad when it's tradition. That ever-present echo, "I used to sleep there!" "See, there's where I passed out pledge party night.", the sounds of past memories real and vivid that Mr. X of '68 can speak about in 30 words or less. This, too, is the meaning of Homecoming. Four years of life gone but not forgotten. Damn, they could use a time machine; perhaps Paradise lost!

Dick Little needs little introduction. His quick humor in line with talent leads to an unpredictable result. Oh, I forgot the two singers. Yes, they were there too. A different sound, yes, promising, maybe; choice of song topics: most diversified. (N.B. Me and Paul VI will get you guys — have you ever seen a crucifixion underneath the WPI seal on Goddard?)

Mr. Little's imitation included singing, walking and Spiro's new image (thanks to Mr. Bob Hope for tutoring) and you Bogie fans missed Casablanca's famous ending a la perfection! All in all a good evening even amidst champagne corks!

More Than \$\$\$\$

by Domenic Grasso

The first time that I came in contact with Army R.O.T.C. was in my senior year in high school. My guidance counselor told me about the scholarships that they awarded, so I decided to apply — for the scholarship. I had all my forms filled out except for one when I broke my arm. It was a fairly serious break and I had to be in the hospital for about a month. The orthopedic surgeon that was my doctor was a former Army Major and he informed me that I would not get all my motion back in my arm and that I might be classified as 4F, so I forgot R.O.T.C. for the time being.

This summer I received a call from a junior cadet, Carl Johnson, with whom I had a discussion about R.O.T.C. I still wanted the scholarship they offered so I decided to go see my doctor about my arm. He

measured the degrees of motion left to me and told me that I was one degree over and I could go in.

So I signed up hoping to get a scholarship. I am presently completing the 1st course, and I have discovered the Army R.O.T.C. has a hell of a lot more to offer than scholarships.

You learn not only about R.O.T.C. in the classes, but about other things that need not be applied to the military. You learn about other people, and you learn about yourself. The people in the Military Science Department take the time to get to know you and treat you as an individual.

When you graduate from college, you will receive more benefits in the Army than any other job that you can find.

The reason most cadets stay in, whether they get the scholarship or not, is because they find out it's worth more than just the scholarship.

The Bag



It's time for more wit and wisdom from the famous hag of Boynton Hill. This is only the second installment of this valuable piece, so don't expect too much. The only letters I got this week were from some real losers. But the hag in her infinite kindness will extend a helping hand to even these lowly crumbs. From now on I wish that bozos like these will stick to writing to Miss Deb, or even sending fan mail to that clown Baccus. I have better things to do with my time than correspond with these dummies. Look at what they had to say:

Dear Bag,
I would like your advice in a situation which I am observing. Several of my friends have become involved with the same girl. She is playing them against each other and riding them for all she can get out of them, plus more. My friends are getting screwed and they are

coming to realize it. How can they teach her a lesson?

Sincerely,
"I told you so!"

Dear Toddle,
What lesson? It sounds like she knows what she is doing. But it may help if you stop by and give her a few pointers.

Dear Bag,
Is it true that premarital bisexual interdigitation spreads germs? Thank you.

Worried in Ellsworth

Dear Worried,
Not when you hold hands with Techies. They don't know where to get germs.

That's all for this week, sweeties. If you have any better questions to ask, just sock 'em to the Bag, Box 2472. I can handle anything you've got.

Rappelling

by Ralph F. Miller

During the term break, the Recondoes went rappelling at the Barre Falls Dam spillway. Everyone was taught the basics of rappelling including knots and safety. Then it was time to go over the edge. For many it was their first time and after reaching the bottom and unhooking, they felt a new dimension of confidence in themselves. After everyone had a number of chances at the basic rappel, we then all tried the Australian rappel. This differs from the normal rappel in that one walks down the cliff facing downward. Needless to say it is a weird feeling to walk to the edge of the cliff, tip toward until perpendicular and then walk down the cliff face. Once again, at the bottom, there is that personal feeling of satisfaction in doing the incredible. Finally we did a free rappel off a bridge, which is nothing more than over the bridge rail and down the rope. Once we all did that we called it a day and went back to Tech and vacation.

You're a veteran?

Due to your previous experience in the military, you can become a commissioned officer after only two years of ROTC work here at WPI. Remember, the starting salary of a Second Lieutenant with 3 years of previous enlisted service is \$11,500 annually. And during the last three years at WPI we have always been able to get our guys assigned to either their first or second choice of branch in the Army. Come see us in Room 28A, basement of Harrington Auditorium, or call us at Extension 268.

Oct. 12 - 13

by Miki Heikkila

A student's view of the first ROTC weekend held at Fort Devens, Mass., is presented. Why? Primarily to let WPI students know what is involved in an ROTC weekend and how a freshman views this activity.

Cpt. William Brethorst

After an early supper and donning olive drab uniforms we were spirited off to Fort Devens by Peter Pan bus lines. Arriving at dusk we found our lodging truly of a vintage nature.

After meeting other students we were given a class on the assembly and disassembly of the M-14 rifle. Before the evening's end the role players successfully tackled this task blindfolded. By this time we started realizing how much planning the Seniors had done prior to the weekend. Before turning in we decided to consume large quantities of pizza.

Saturday morning we were awakened before sunrise and allowed the privilege of exercising before breakfast. Contrary to expectations the meals were good and comparable to Morgan's. Walking back to our living accommodations, we were greeted by a truck waiting to take us to the rifle range. Our guest speaker for the morning was none other than a senior. His talk was mainly on the safe and effective use of the complex instrument we had been introduced to the previous evening. Having absorbed this we proceeded to apply it at the range.

At lunch time a hot meal was delivered to our picnic site. Following a brief respite we returned to live firing. The afternoon was spent knocking down targets that periodically popped-up in front of us. After a rushed supper we hurriedly cleaned our weapons. We had enjoyed our day but it was time to return to WPI.

Why Join? Why Start?

by Capt. William H. Brethorst

I felt that why any student joined ROTC initially and for what reason or reasons he stayed in our program would be of interest to the student populace. It's a funny thing that the reasons why students join us are as varied as there are students joining. However, no student stays in our program unless he can see that we in the Military Science Department are interested in him as a person (not number) and he has something to gain being associated with a truly professional group of individuals.

Capt. William H. Brethorst

Welcome Dr. Laible

Gazette
October 16, 1973

Dr. Jeffrey P. Laible, who has been a teaching and research assistant at Cornell University has been appointed an assistant professor of civil engineering at Worcester Polytechnic Institute according to Vice President and Dean of Faculty Ray E. Bolz.

Dr. Laible is a graduate of the University of Vermont and received his master's degree at the University of Connecticut. He took his doctorate last June from Cornell. He was an associate engineer for two years with General Dynamics.

He is married to the former Sandra Wynne of Livingston, N.J. and they are living at 11 Chestnutfield Road with their two children Stephen Paul and Linnae Elizabeth Laible.

FRESHMAN CLASS OFFICERS ELECTED!

- Pres. - Dan Funk
- V.P. - Chuck Rheault
- Sec. - Betsy Ernst
- Treas. - Judy Sherben
- Student Rep. - Bill Cunningham

Sir Morgan's Cove

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Ralph Hammer Group

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Electronic Flash: ULTRABLITZ NET 220. Immaculate condition with AC recharger. 2 power outputs. Example: ASA50—guide number 80. ASA64: illumination to meet at f2! Reason for sale: too wonderful for my needs. \$45—Prof. B. Alpert SL04C

For Sale: Heathkit DX-35, 65 watt transmitter - needs minor work \$10; Heathkit GR-64 4 Band shortwave receiver \$25; Eico QA-4 ultrasonic adapter \$15; and 1 pair of med bookshelf speakers, fair quality 2 way systems - make offer. Call Silverman E-16

RENT: Single room close to campus call 755-9616, ask for Andy

FOR SALE Pair ADC 303AX speakers, 2 years old, excellent condition. Call Mike 757-

Need a place to live? Tired of Dorm life? Are you living too far from school? Get a room at 7 Schussler Rd. (behind Riley). Call Mrs. Smith at 757-7938 or 757-5349.

Fender Bandmaster 2-12in. JBL's, one 15 in. speaker \$250.00 see Mark 752-9431, 16 Elbridge Street.

Bowmar calculators MX-50 brand new with 1 yr. warranty - \$75.00 see Glenn in D420

HOW WOULD YOU LIKE TO live 2-3 minutes walking distance from Tech and pay very low rent at the same time? One single room available at 21 Elbridge St., 1st floor. There are three of us, we are looking for a fourth. If interested, drop by or call 753-1350

12 STRING— Harmony 12 string guitar for sale. Excellent condition. Needs new strings. Case included. \$40 firm. Contact Bruce, Box no. 0425 or Morgan 334

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Electric Shock Therapy

by Bill Bromfield

One of the most common forms of psychiatric treatment used today is that of ECT (Electric convulsive Therapy) also known as electric shock treatment. While it has been a controversial technique in the medical profession since it was first used in 1935, it did not attract much public attention until Senator Thomas Eagleton ran for the Vice Presidency in 1972. Prior to Eagleton, it was generally thought that Electric Shock was a last resort technique used on extremely depressed (sad) cases. However, after Eagleton's treatment was revealed in July of 1972, there were numerous media reports regarding the common use of shock treatments.

THE BIRTH OF ECT

Electric Shock treatments were fathered by Ugo Cerletti, an Italian Psychiatrist, in April 1935. He got the idea from watching hogs being slaughtered in a Rome slaughterhouse. Here is part of his description of what he saw:

"I went to the slaughter house to observe this so-called electric slaughtering, and I saw that the hogs were clamped at the temples with big metallic tongs which were hooked up to an electric current (125 volts). As soon as the hogs were clamped by the tongs, they fell unconscious, stiffened, and then after a few seconds they were shaken by convulsions in the same way as our experimental dogs."

FROM HOGS TO DOGS TO MAN

Ugo did some more experiments on dogs and found that they could take up to a few tenths of a second of 125 volts without dying.

"At this point," he says, "I felt we could venture to experiment on man."

At that point, Cerletti was given custody of a man who "was arrested at the railroad station while wandering about without a ticket on trains ready for departure." Cerletti had no background data on the man. The police instructed him to "observe" him only.

Cerletti, knowing best, defied the police order and proceeded to experiment on the man.

Cerletti continues, "I decided to start cautiously with a low-intensity current of 80 volts for 0.2 seconds. As soon as the current was introduced, the patient reacted with a jolt and his body muscles stiffened; then he fell back on his bed without loss of consciousness."

"NOT ANOTHER ONE! IT'S DEADLY"

"It was proposed that we should allow the patient to have some rest and repeat the experiment the next day. All at once, the patient, who evidently had been following our conversation, said clearly and solemnly, without his usual gibberish, 'Not another one! It's deadly!'"

It is interesting to note Cerletti's reaction to this: "The electrodes were applied again, and a 110 volt discharge was applied for 0.2 seconds."

THE BIRTH OF SHOCK ABOLITION

While Cerletti worked on electric shock for the rest of his life (1935-1963), he is often quoted as saying to his associates upon recalling the first experiment,

"When I saw the patients reaction, I thought to myself, 'This ought to be abolished.'"

In my next article I will go into today's use of electric shock. In the Citizen's Commission on Human Rights we are working to see that potential shock patients are given all the facts before being coerced to consent to the treatment, and that no one received this treatment against his will. If you would like to help with this effort, please call the Commission in Boston at 262-0640.

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Sports Highlights

W.P.I. Hapless Against RPI

by Mat DiPilato

They said it couldn't be done, but WPI did it; they lost to RPI. Not since October 7, 1972 had RPI won a football game, a streak of 12 losses.

But it wasn't the loss as much as the way it was done that hurt. It took WPI five fumbles, three interceptions, four dropped passes, and a missed conversion to lose this game. In other words it was more or less WPI giving it away, than RPI winning it. The statistics bare it out as RPI had only 7 first downs to WPI's 17. WPI amassed an amazing 238 yards rushing mostly by Bob Simon (99 yards) and Geary Schwartz (98 yards) as RPI put together a robust 55 yards. Rushing, and in passing it was the same as WPI, with both Mike Ball and Dave McCormick throwing. Gained 64 yards while RPI gained a whopping 8 yards on 2 completions.

So it went as once again the WPI defense played another sparkling game literally pushing RPI all over the field. As usual it was a Cordella as Dave put on an amazing show at middle guard. But he had plenty of help as the whole defense played well especially middle linebacker Gary Nunes.

Just for the record RPI opened the scoring when they recovered a fumble on the WPI 33. Three plays later the defense had their only let down as Henry Fitzgerald interfered with an RPI receiver in the end zone. It came out to the one but went right back in as Jack Sassaman took it over and kicker Paul Manning made what turned out to be the winning point.

WPI then came right back in the second period as Mike Ball tookover a stalled offense from Dave McCormick and moved WPI both running and passing to the 4 yard line where Bob Simon took it in on one of his patented sweeps. But here WPI missed the conversion on a mix up and that was the ball game (except for a lot of bumbling).

Comments:

—The best series of downs all day was by the defense. With RPI recovering a fumble on the WPI 20 they ended up with fourth down on the 32 as the defense just smothered everything.

—WPI closes what has to be a disappointing season against Norwich in Rutland, Vt next Saturday. Norwich is powerful and last week ended Middleburys winning streak 17-14.

Soccer Team Ends Season

by Rich Ventre

The WPI soccer team concluded its regular season on Friday losing to the BU Terriers 2-1. The teams final record was 6-4-2. After a disappointing 0-3-1 start, the team tied UMass and then won six straight before dropping the finale to BU.

Included in the winning streak were victories over Lowell Tech (2-0), Clark (4-3), Assumption (8-1), Holy Cross (5-1), Nichols (1-0), and Coast Guard (2-1). The Coast Guard game represented WPI's 200th soccer victory since the team

was founded and its 98th victory under Head Coach Alan King.

Coach King's biggest rebuilding program for next year will be in the defense. He will be losing senior goal tender Mark Frodyman, Senior Fullbacks Mark Ostegren, Ron Bucci and Ronnie Rakijian. The majority of the offense will remain intact with the notable exception of Co-Captain Bill Gemmer who will be graduating.

Returning starters will include junior fullback Bill Johnson and junior halfback Steve Fairbanks, both 3 years starters. The offensive line will feature this years leading scorer, Rick Rudis, a sophomore, as well as sophomores Alan King, John Bucci, George Opizo and Will Bragley. A very bright prospect returning freshman halfback Chris Coraine of Westborough, Mass. The goal tending chores may well be filled by freshman Peter Green.

All in all, Coach King has a fine nucleus to build a team around for next year. However a lot will depend on some new faces, a situation very reminiscent of the 1971 season that a big graduating class of defensemen and most of the offense returning.

Cross Country

by Al Briggs

The WPI cross-country team, coached by Frank Sanella, closed out its season last Saturday with a 16-48 victory over Trinity College. It was the ninth victory against seven defeats for the Harriers.

Chris Keenan was individual winner covering the 4.9 mile Tech course in a fairly easy 26:29. Keenan who has been WPI's top runner all season lead right from the beginning and was never challenged. Following Keenan were Jeff Wnek, Dick Newhouse, Alan Briggs and Alan Hallquist. Wnek, Newhouse and Hallquist have been consistent performers all year and have filled the gaps left by the many injured. It was Briggs' first race of the season having been injured most of the season. Dave Fowler, Ron Lafreniere and Paul Craffey have all suffered mishaps during the season.

Some past meet results would include victories over Amherst and Bentley on Homecoming and losses to Williams and Coast Guard. In each of these meets, Keenan led all WPI runners in placing followed by Fowler, Wnek, Dave Long, Newhouse, Lafreniere and Hallquist.

This year's squad was comparatively young and will lose two runners out of its top seven. Captain Lafreniere and Hallquist will be leaving but next year's team should be as strong as ever and barring injuries can look forward to another winning season.

Athlete of the Week

Look out for the Butcher on Highland Street

Smokey Bill's Predictions

Because most of the fall sports programs have ended there's only one game to predict this week. A strong Norwich team, last week beating Middlebury who was rated 6th in New England looks like they might be too strong for Tech, so I predict Norwich over WPI.

Extended Prediction — After a rebuilding year with almost the whole team back the basketball team should have better than a .500 season this year. Running score on predictions 4 correct - 3 wrong.

FUTURE SHOCK is coming!

re: Flu Vaccine — Available Mon. - Fri. 10:30 to 12 p.m. 1-5 p.m. \$2.00 per injection COLLEGE INFIRMARY Stoddard C

BELIEVE IT OR NOT!

- 1) No lights on the ceiling.
- 2) The heater, instead of heating, fills the room with smelly smoke.
- 3) Workers and supervisors come into the room without asking first.
- 4) We had to assemble the furniture.
- 5) Furniture arrivals were completed after term A.
- 6) ...

Note: "And we still have to pay \$855.00 Two concerned persons from Fuller."

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HAPPY HOUR with
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Mel Massuco's Engineers come up with the goat against RPI.

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