

Diversity marks the large Class of 1995

WPI's Class of 1995 is one of the largest and most geographically diverse in the school's history, says Robert Voss, executive director for enrollment management.

"This year, for the first time, we received applications from each of the 50 states, the District of Columbia, Puerto Rico and Guam," Voss says. "We're enrolling 680 students from 40 states and 29 foreign countries, an increase from the past two years, when classes included residents of 35 states and 22 foreign countries."

About 65 additional students will transfer to the Institute, mostly as

advanced sophomores. There will also be more women students on campus than in previous years. 131 had sent in their deposits as of late May; the largest number of women in a class to date was 132 in 1986. Mechanical engineering (including aerospace engineering) remains the most popular major among new students; electrical engineering is second.

"It's interesting to trace the evolution of enrollment here at WPI," Voss says. "In the 1970s our goal was a class of about 500. In 1976 we enrolled 582; our first reaction was that

we had too many freshmen, but then we found that we could handle that big a class without compromising our standards and without reducing our student services, so we set our sights a little higher in succeeding years.

"The same thing happened in the 1980s. In 1987, 612 students were admitted; now we're looking at a potential class of 680. So in the course of 20 years we've actually increased our enrollment goals by about 200 students. We've been able to attract these additional students despite the fact that the high school-age population and the number of seniors inter-

ested in careers in science and engineering have decreased."

Voss explains that in 1988 the Institute's potential market (the number of students who indicated on their PSAT forms that they were interested in careers in disciplines offered at the Institute) was about 211,000; by 1991 it had dipped to 173,000.

"Still, WPI has maintained the size and quality of its applicant pool and has actually increased enrollment while maintaining the academic quality of its entrants," Voss notes. "What that says is that our already impres-

sive reputation continues to grow. It also says we're doing a good job of reaching our target audience.

"The biggest reasons students come here are the Institute's reputation and the WPI Plan. Our program is distinctive enough to set us apart from the other top colleges and universities, and we have been able to convey the essence of the Plan in the materials we send to prospective students. Students can see how much a part of our curriculum the projects are and they're choosing to enroll to participate in those experiences."

WPI Newspeak

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Ronald Macon appointed multicultural affairs director

Ronald Macon of Worcester, formerly director of community planning at the United Way of Central Massachusetts began his duties as the Institute's first director of multicultural affairs on Aug. 1.

Macon's appointment is part of Diversity at WPI, a comprehensive program that seeks to identify, encourage and support students in underrepresented minorities who have the talent and potential to prepare for successful careers in engineering and science. Goal 1 of the Institute's Strategic Plan for the

1990s calls for enhancing the level of excellence in undergraduate education in part by increasing cultural and geographical diversity at WPI. To help meet that goal, Diversity at WPI was launched with the aid of an initial grant of \$125,000 from United Technologies Corp. and a \$30,000 GTE Focus grant.

Macon, originally from Elmsford, N.Y., earned his bachelor's degree in sociology at Cornell University in 1972 and his master's degree in social work at the University of Michigan in 1974. He has worked as a community representative for the Coastline Council for Children in Hingham, Mass., as a deputy director of the energy division for Action for Boston Community Development Inc., and as agency relations manager for United Way of Massachusetts Bay in Boston.

He has also been active in community service activities. He serves on the boards of directors of Alliance for Education, Dynamy, and the Elm Park Child Development Center, all in Worcester. He is a member of the Rev. Martin Luther King Jr. Breakfast and Black History Month Scholarship committees and the Worcester City Manager's Human Rights Task Force. He was acting president of the Worcester chapter of the NAACP in 1988-1989.

Macon will report to Bernard H. Brown, associate provost for student affairs. He will be responsible for

facilitating the development and implementation of programs and services to foster multicultural sensitivity and awareness at WPI, and will act as a liaison to the surrounding community.

"This is an important position," reports Brown. "Ron will implement selected programs that will foster the development of precollege interest in

math and science in underrepresented minorities. Additionally, he will support and encourage retention once these students enroll WPI."

"I look forward to becoming part of the WPI community and assisting the Institute in meeting its goal of achieving a more diverse student body, faculty and staff," Macon says.

"This new position is a positive step in the Institute's demonstrated commitment to the concerns of underrepresented groups and in developing the underutilized talents of women and minorities. I'm excited about the challenge before me and know that I can count on the support and assistance of the entire WPI community."



Ronald Macon is WPI's first Multicultural Affairs Director.

Fitzgerald named new Civil Engineering department head

Robert W. Fitzgerald of Worcester, Mass. was named the next Worcester Polytechnic Institute civil engineering department head effective July 1. WPI Provost Diran Apelian, in a letter to the WPI community, congratulated Fitzgerald and was "looking forward to his leadership." Fitzgerald succeeds James C. O'Shaughnessy, who has held the post for five years, the traditional length of service for a department head at the engineering college. O'Shaughnessy will continue to serve in the department.

Apelian thanked O'Shaughnessy for his dedication and service and indicated that the civil engineering department "is positioned with strengths in environmental engineer-

ing, construction materials and fire safety."

During O'Shaughnessy's five years as department head, a civil engineering advisory committee of eminent professionals was formed to meet on a regular basis and bring perspective on issues facing the department and assist in identifying

Korchi was one of two WPI faculty named Presidential Young Investigators by the National Science Foundation.

Professor Fitzgerald began teaching at WPI in 1963 in the civil engineering department. He received his bachelor's and master's degrees in civil engineering from WPI and his Ph.D. from the University of Connecticut in structural engineering. Prior to his WPI service Fitzgerald served in the U.S. Navy, worked for Harvey & Tracy Consulting Engineering as a structural engineer, and taught at Worcester Junior College and the University of Connecticut. He is a retired commander, Civil Engineer Corps of the U.S. Navy Reserve.

Fitzgerald is a registered professional engineer in Massachusetts and a recognized authority in building firesafety design. He is a faculty member in both the civil engineering and fire protection engineering departments. In 1990 he was named the recipient of the George I. Alden Chair in Engineering in recognition of his contributions to the Institute and the scientific and civic communities. Fitzgerald has published several books and workbooks including *Mechanics of Materials and The Evaluation of Building Firesafety*. He is a member of numerous scientific and scholarly professional societies including the American Society of Civil Engineers, the Society of Fire Protection Engineers, and the National Fire Protection Association. His research interests include structural aspects of firesafety, building firesafety design, building codes, and fire risk management.



The new Civil Engineering department head is Robert W. Fitzgerald

resources required to achieve department goals. Additionally, more computer applications have been incorporated into the curriculum for the more than 300 civil engineering undergraduates and 80 graduate students. Undergraduate enrollment in the department increased from 165 in 1986 to the 324 registered this past year. Active research grants have also increased. Just recently, civil engineering assistant professor Tahar El-

Parents' gifts help Kresge challenges

"As a WPI graduate, a parent of a graduate and a member of the Board of Trustees, I'm constantly aware of the Institute's impact on my life and on the lives of all of its students." That's how C. John Lindgren Jr., '39 explains the feelings that led him to become chairman of WPI's Parents Fund when it was created in 1988.

Recognizing that parents represent one of WPI's most important and favorably disposed assets, and one that has been largely overlooked in its fund-raising efforts, WPI launched the Parents Fund to provide a means for parents of WPI undergraduates or alumni to show their support for the college by making contributions to areas of particular interest or by supporting current needs or new programs.

"I believe the fund is a perfect vehicle for parents to say 'thank you' or 'keep up the good work,'" says Lindgren. "The response to our appeals has been heartwarming, and the reasons parents say they contribute prove how real and meaningful the WPI experience is to these families."

Through the fund, parents contributed \$318,500 to the recently completed Campaign for Excellence,

which helped the college meet two challenge grants from The Kresge Foundation. More than 200 parents gave a total of \$40,000 toward the \$2.25 million WPI had to raise to receive a \$750,000 Kresge grant for the construction of the George F. Fuller Laboratories, the college's new information sciences building. Parents also contributed \$191,000 to help the college meet a Kresge challenge grant for a new bioprocess technology laboratory.

Some gifts to the Parents Fund have fulfilled personal goals. In 1990 the parents of Carolyn McCabe, a WPI undergraduate who died in a car accident in 1986, contributed \$500 to the Campaign; the gift helped meet the bioprocess technology laboratory challenge. "She loved WPI and the school was wonderful to her," Mr. and Mrs. Leo McCabe explained in a note to Lindgren. "The happiest times of her life were spent at WPI." The McCabe's gift was matched by both of their employers.

"I'm delighted that, through the generosity of our employers, our contribution in Carolyn's name will mean \$1,500 for WPI," says Patricia McCabe. "I encourage other parents

to investigate matching gift programs as a way to double or triple their donations."

Dr. and Mrs. Noel L. Cohen, parents of Mark B. Cohen '90, contributed \$10,000 to recognize computer science professor Karen Lemone, their son's academic advisor, who, the Cohen's note, "combines the qualities of being a superb teacher with those of compassion and understanding." The Cohens specified that the gift be used at Lemone's discretion.

"The gifts we receive from parents—whether \$5 or \$5,000—are among the most gratifying of all donations," says Barbara R. Ziff, director of research for major gifts, who managed two major phonothons that helped to secure most of these contributions.

"Parents have entrusted their most precious possessions—their children—to the Institute's care and we see their gifts as accolades," adds Denise R. Rodino, director of foundation relations and coordinator of the Parents Fund. "Their contributions are tangible votes of confidence that enable us to continue to improve the WPI experience."

Inside...

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Special Welcome Back Issue

NEWS

Parents' Day 1991 events announced

Parents' Day 1991 is scheduled for Saturday, October 5 with a special preview event on Friday, October 4. Highlights of the two day's events are discussed below.

National Science Foundation Grant to renovate Laboratory

The Ceramics/Powder Metallurgy Processing Laboratory at Worcester Polytechnic Institute will undergo a \$360,000 renovation beginning this summer. The renovation is being made possible by a National Science Foundation Grant of \$175,000 under the Academic Research Facilities Modernization Program authorized by Congress. "There were 425 colleges and nonprofit institutions submitting proposals. WPI was one of the 78 to share in the \$39 million awarded," said Douglas C. Johnston, director of research administration.

The proposal calls for renovation in the Washburn Laboratories and consolidation and upgrading of existing ceramic and powder metallurgy processing research and research training spaces into a single purpose designed laboratory. The lab is now divided among several small to medium sized labs in three separate buildings. The proposal calls for a 1,970 sq. ft. facility on the third floor of Washburn.

"The lab will consist of three areas or interacting modules optimized for its research function. The areas will include powder synthesis and pretreatment, powder characterization, and sintering and consolidation," said Robert N. Katz, Norton Associate Professor of Mechanical Engineering, who was designated as Project Director in the proposal. The renovated laboratory is designed to serve the needs of researchers from WPI's materials science and engineering program, manufacturing engineering program, and chemical and civil engineering departments.

In addition to research training for graduate and undergraduate students working on theses and projects, the lab will provide teaching facilities in ceramics and powder metallurgy.

WPI experiments return to earth aboard Columbia

Culminating eight years of work by Worcester Polytechnic Institute faculty and students, GASCAN I, the first of two experimental packages sponsored by MITRE Corp. for WPI, was launched aboard NASA Shuttle Columbia on June 5 and returned to Earth on June 14.

Shuttle mission STS-40, the 41st flight of the space shuttle and the 11th flight of Columbia, conducted the Spacelab Life Sciences mission, the first spacelab dedicated to life sciences research.

"The unconditional success of the program for both MITRE and WPI has borne out NASA's prime objectives for the Self-Contained Payloads Program," says Robert C. Labonté, WPI Class of '54 and MITRE coordinator for the program.

Since 1982, hundreds of undergraduates, numerous faculty and graduate students worked on experiments that rode into space inside a five-cubic foot aluminum cylinder called a Getaway Special Canister or GASCAN. GASCANs were created by NASA to offer universities and corporations an inexpensive route to space.

The canister was returned to the WPI campus in late July. Initial evaluation of the canister and its contents are promising according to Fred J. Looft III, professor of electrical engineering and one of the faculty advisors involved with the program since its inception. William W. Durgin, professor of mechanical engineering and another long-time GASCAN advisor, said that the mechanical aspects seemed to have worked. "The predicted battery drain was right on the money," he said. "We've looked at the zeolite crystals under an electron microscope and they did grow as predicted."

Student Life welcomes you '95

Congratulations. You are about to begin the most important step in your academic career to date! We in the Student Life Office extend to you a very sincere welcome to WPI.

As you begin the process of getting acclimated to the college and to your academic program, you may discover that you are in need of certain information or assistance to make the transition as smooth as possible. Through the New Student Orientation Program and through various publications, forums and on-

Over the past four years, Parents' Day at WPI has attracted more and more participants. The event continues to be attractive to new student's parents' and guests, as well as to the

Additionally, it will interact with research groups at WPI, other academic institutions and local industry.

"When we submitted the proposal to the NSF we mentioned the need for the renovation and that we had purchased approximately \$200,000 worth of advanced materials testing equipment dedicated to ceramics/powder metallurgical materials and metal matrix composites. But, we still had one unmet need: a dedicated ceramics and powder/metallurgy laboratory for the processing, and physical and mechanical characterization of these materials," continued Katz.

"We believe this renovated laboratory will meet our current needs as well as provide flexibility required in future years to provide research in this area. Materials science and technology is at the top of the list of key technologies that will facilitate industrial competitiveness in the 21st century," said Katz. "This is an area WPI is emphasizing in its strategic plan."

Other recent initiatives in materials science and engineering supporting the strategic plan have included an industry-funded consortium Aluminum Casting Research Laboratory and the endowment of the Norton Chair in Materials Science and Engineering and a Norton Graduate Fellowship.

WPI has a long tradition of research and research training in ceramics, powder metallurgy, metal matrix composites and cementitious materials. Carl Gunnard Johnson, one of the pioneers of powder metallurgy research in the U.S. was the first Higgins Professor of Mechanical Engineering at WPI. He served WPI from 1921 to his death in 1966.

Since the start of the program, dozens of student teams have completed their Major Qualifying Projects designing a dozen experiments that were considered for inclusion in the 200-pound payload. WPI's initial objective for the Space Shuttle Projects Program, which encourages colleges and universities to design experiments for shuttle flights, were to offer students the opportunity to apply fundamental principles of science to engineering design, and to develop original experiments that have the potential to produce new scientific data or prove original engineering concepts. Another objective was to increase faculty members experience in designing for the space environment.

Five WPI student experiments survived the evaluation process and were included in GASCAN I payload G-408. One was to grow large zeolite crystals. Another was to study the behavior of fluids in microgravity. A third, called the Environmental Data Acquisition System, was to record information about sound, light, temperature and pressure within GASCAN. The fourth was to measure the acceleration of the shuttle along three axes with a high degree of precision. A fifth experiment studied the fogging of film in space.

"We've had outstanding support over the years for this project," says Durgin. The two largest supporters are the NASA/Universities Space Research Association — University Advanced Design Program, and the MITRE Corp. Additionally, Lufkin Foundation and Simmons Precision provided substantial resources for laboratory development. Other corporations providing direct financial assistance have been Raytheon, AT&T, GE and Digital Equipment Corp.

going programs during the year, the student life staff attempts to provide that assistance to afford you the most exciting and enriching experience as possible.

The Student Life Office is continually looking for ways to better serve the WPI student body. I hope that you will let the staff know about additional programs and services that you would like to see developed in the future.

Janet Begin Richardson
Dean of Student Life

parents' and guests of upperclassmen. In fact, last year 419 families registered to attend, of which 161 registrants were families of new students. It is hoped that even more families will register this year for the "expanded" program.

Parents' Day '91 officially begins on Saturday morning with the Opening Ceremony which will include a procession of international flags, performances by members of WPI's international community and an address by President Jon C. Strauss entitled, "How WPI Engineers Impact the World."

Tours, a buffet lunch and preview lectures will be held throughout the day. This year, a group of "special sessions" will focus on contemporary issues facing today's college students. Musical performances by a variety of WPI's musical groups and ensembles will be held following a reception for parents and students.

A highlight of this year's program will be a presentation by Professor Al Sacco on his experiences training as a payload specialist for NASA. Sacco was chosen as a payload specialist (astronaut) for the United States Microgravity Laboratory aboard the space shuttle STS-

53, scheduled to launch in March 1992. From the ground, or possible from space, Professor Sacco will participate in this very exciting science mission. Sacco was chosen as an alternate payload specialist because of his expertise in catalysis and zeolite crystal growth.

The day will conclude with nationally known comedian Jimmy Tingle who takes the stage at 7:00pm. Tingle, a political comic, will perform his one man show entitled, "The Education of an American Comic." This special event is co-sponsored by the Social Committee.

Bill Miller will be performing on Friday, October 4 at 8:00pm as a preview attraction in Gompei's Function Room. Bill performs songs about his heritage.

Parents and guests who plan on staying overnight are encouraged to make hotel accommodations early. Special rates have been arranged at four local hotels.

Parents' Day registration materials have been mailed to students' home mailing address. Registration deadline is Friday, September 20.

College Bowl comes to WPI

Last spring the WPI Social Committee sponsored the first College Bowl Tournament on campus. Sixteen teams competed in a double elimination tournament. Chris Jachimowicz, Assistant Dean of Student Activities and Diran Apelian, Provost served as moderators. Due to the success of the tournament and increasing student interest, College Bowl matches will be held throughout the year with the hope of selecting an official team to represent WPI at the state and national tournaments.

What is "College Bowl?" College Bowl is a fast-paced question and answer game of general knowledge and quick recall. Created in 1953 as a radio program, College Bowl became a wealthy television series in 1959. Since then, the national championship tournament has been televised several times. College Bowl has provided an arena for the fastest minds on college campuses to demonstrate their great

skills under the fire of intense competition.

College Bowl is played between two teams of four students each. The game is played in halves, each lasting seven minutes. A whistle starts and ends each half. Points are scored by correct answers to questions. There are two types of questions: Toss-Ups, worth 10 points each, and Bonuses, worth a stated number of points, from 20-30. Questions cover every conceivable subject from history, math, science, literature, geography, current events, the arts, social sciences, sports, and popular culture. Multi-cultural questions are also featured in each format.

An exhibition match will be played during new student orientation on Sunday, August 25 from 8:00pm - 9:30pm. Don't miss the action. If you are interested in trying out for WPI's College Bowl team, contact the Student Activities Office.

WORK STUDY JOBS AVAILABLE!

Residential Services currently needs several work study students to work in our office and in the Founders weight room.

In order to be eligible you need to have college work study funds ("pink card"). If interested, please contact Carolann Farrar in Residential Services.

SPORTS

New women's basketball and tennis coach selected



Megan E. Henry is WPI's new women's basketball and tennis coach. Henry, who was most recently women's basketball coach at the University of South Florida, succeeds Naomi Graves, who left the Institute to become head basketball coach at Springfield College.

"Megan Henry comes highly recommended," says Raymond R. Gilbert, director of physical education and athletics. "She has coaching experience at all three levels Divisions I, II, and III and she knows the game. She has been actively involved in recruiting student-athletes at each of the institutions where she has coached and I believe she will relate well with our students."

Henry earned her bachelor's degree in physical education at Marietta Col-

lege in Ohio in 1986 and her master's degree in athletic administration at Eastern Kentucky University. She captained the women's basketball team at Marietta her senior year and

was a second-team member of the All-Ohio Athletic Conference Team from 1984 to 1986. She was a member of the Ohio Athletic Conference All-Academic Team in 1985-86.

She has served as a coach or instructor at Marietta College, Ohio Northern University, Ohio State University and the University of Tennessee.

Gabis selected to 1991 GTE Academic All American College at-large Team

Kimberly Gabis of Gardner, Mass., a junior majoring in biotechnology at Worcester Polytechnic Institute, was named yesterday to the 1991 GTE National Academic All-America At-Large Second Team.

Gabis, a goalkeeper on the 18-1 Engineer field hockey team started 18 games and only allowed six goals through the season and set a New

England Division III record with 14 shutouts. Over a three-year field hockey career as a starter, the Engineers, with Gabis as goalie, compiled a 55-4 record and advanced to the NCAA Tournament as a semi-finalist in 1989 and quarter-finalist in 1990. The WPI team was crowned New 8 Conference Champion in 1988, 1989, and 1990.

She was named team MVP in 1990 and to the 1990 College Field Hockey Coaches Association All-Academic Team. Gabis was also a three-year starter on the basketball and softball teams. Her 1991 softball team was New 8 Conference Champion.

Gabis represented District I on the national ballot based on her selection on the district first team.

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831-5345

Hours:
Monday - Thursday
11:00 am - 11:00 pm
Friday
11:00 am - 12 midnight
Saturday
2:00 pm - 12 midnight
Sunday 2:00 pm - 11:00 pm
Deliveries made from 6:00 pm to close.

Information regarding the physical education and athletic department

The recreational facilities that will be available to students this fall are as follows:
Harrington and Alumni Gym
Swimming Pool
Weight Room

Outdoor track
Alumni Field
Tennis Courts Times will be posted regarding the usage of these facilities in Alumni Gym. Anyone interested in participating in the Intramural program should contact Mel Massucco at ext. 5327. Anyone with questions regarding the intercollegiate or intramural programs is encouraged to contact the Athletic Office at ext. 5243.

**Get involved!
Join a WPI sports team.**

WPI joins New England Football Conference

Beginning in July 1991 WPI will be a member of the New England Football Conference. The other colleges in the conference will be Coast Guard, Norwich, Plymouth State, Lowell, SUNY at Stony Brook, Western Connecticut State and the Merchant Marine Academy at Kings Point.

The Engineers now compete as an independent team and will continue its traditional rivalries after joining the new conference. To be eligible to win the conference championship, teams must play at least five other colleges in their conference, according to Ray Gilbert, director of physical education and athletics.

PARENTS STUDENTS GUESTS

You're Invited To

PARENT'S DAY 1991

Saturday, October 5th
(Preview Attraction on Friday, October 4th)

<p>Friday, Oct. 4</p> <p>8:00 p.m. SINGER-SONGWRITER BILL MILLER IN CONCERT</p> <p>Saturday, Oct. 5</p> <p>8:00 — PARENTS' DAY '91 REGISTRATION</p> <p>9:00 — OPENING CEREMONY</p> <p>10:00 a.m.</p> <p>9:00 — FINANCIAL AID OFFICE OPEN</p> <p>Noon</p>	<p>10:15 — TOURS</p> <p>11:00 a.m. — GROUP I</p> <p>10:15 — SPECIAL SESSIONS</p> <p>11:15 a.m. — GROUP I</p> <p>11:00 — TOURS</p> <p>11:45 a.m. — GROUP II</p> <p>11:00 — BUFFET LUNCH</p> <p>1:00 p.m.</p> <p>11:00 — WPI BOOKSTORE OPEN</p> <p>4:00 p.m.</p> <p>11:45 — SCIENCE AND SPACE</p> <p>12:45 p.m.</p> <p>Noon — TOURS</p> <p>12:45 p.m. — GROUP III</p>	<p>1:00 — SPECIAL SESSIONS</p> <p>2:00 p.m. — GROUP II</p> <p>2:15 — SPECIAL SESSIONS</p> <p>3:00 p.m. — GROUP III</p> <p>3:00 — PARENTS' DAY '91 RECEPTION</p> <p>3:30 p.m.</p> <p>3:30 — WPI MUSICAL PERFORMANCES</p> <p>5:00 p.m.</p> <p>5:00 — DINNER ON YOUR OWN</p> <p>7:00 p.m.</p> <p>7:00 — COMEDIAN JIMMY TINGLE</p> <p>8:30 p.m.</p>
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Parents' invitations have been mailed. Registration deadline is FRIDAY, SEPTEMBER 20. Make your hotel and restaurant reservations early!

NEWS

United Technologies Grants Funds for New Diversity Program

United Technologies grant funds new campus diversity program

A new program, Diversity at WPI, spearheaded by a United Technologies Corp. grant of \$125,000 (the first installment of a 5-year, \$500,000 grant), was launched in the spring. The program seeks to identify, encourage and support students in underrepresented minorities who have the talent and potential to prepare for successful careers in engineering and science.

"The problems facing young inner city African American and Latino students the primary minorities underrepresented on college campuses are many," says WPI trustee Gordon H. Sigman Jr. '59, vice president and general manager of Space and Defense Systems at Hamilton Standard, a division of United Technologies.

"United Technologies and WPI share a great concern that failure to increase the supply of technically trained minority students threatens America's competitive advantage in the world market," says Sigman. "In many U.S. cities, especially those in New England, minority students are becoming the majority. For economic and moral reasons, these young people are a national resource we cannot neglect."

Notes WPI President Jon C. Strauss, "Together, WPI and United Technologies are creating a program we hope will become a model for others to emulate. This is a carefully planned program. We've drawn on our own experience and that of other institutions, along with input from a great many leaders in the local minority community, to create an effective way to alleviate a real deficiency in American education."

Any program that attempts to increase access to engineering education for minority students must have two distinct but interrelated goals, Strauss says. "First, we must assure that the campus atmosphere is supportive of minority students," he says. "Second, we must create academic and social programs that motivate, prepare, enroll and graduate these students."

"The Institute recognizes how important it is for the entire WPI community to value cultural differences," notes Francis C. Lutz, dean of undergraduate studies. "Today our student body comes from most of the 50 states and from

53 foreign nations. We're committed to an approach that creates in students a recognition of and an appreciation for cultural differences at home and abroad. This goal has grown rapidly in importance as the professional careers of our graduates have become increasingly global."

Diversity at WPI builds upon other recent successful initiatives, particularly WPI's own COMET (Combining Mathematics, Enrichment, Technology and Science) program, which has involved 32 WPI students as tutors for Worcester-area minority high school students during the past year.

In the first phase of Diversity at WPI, the Institute will work closely with the Connecticut - Pre-engineering Program, which identifies minority students in the upper elementary grades in Connecticut schools who have an interest in and aptitude for science and mathematics. CPEP provides enrichment programs for these students throughout junior and senior high school.

CPEP will be responsible for identifying and recruiting the students who will become part of the WPI program. In a parallel effort, WPI's new minority admissions counselor will actively seek qualified minority applicants for admission to the college. Once Diversity at WPI is in full operation, college administrators say they expect to see the number of full-time minority students working toward undergraduate degrees at WPI to triple as a result of efforts by the Institute and CPEP.

"We are pleased to have a major role in Diversity at WPI," says CPEP executive director Glenn A. Casis. "CPEP has grown to the level where our students are eagerly looking forward to attending programs sponsored by WPI. I view this as a special opportunity for CPEP students to gain the upper hand in determining their future role in the workplace."

Just before their senior year of high school, students recruited by CPEP will arrive at WPI for a four-week on-campus summer program. Following a three-day orientation, the students will take part in WPI's Frontiers in Science, Mathematics and Engineering. This two-week summer enrichment program, established in 1983, introduces students to leading-edge work

in science, mathematics and engineering.

At the conclusion of the Frontiers program, Diversity students will spend two more weeks in a full-time work experience in campus or industrial research laboratories. For this they will receive a stipend. While on campus they will live in residence halls and have full access to the academic and nonacademic facilities normally available to students.

WPI's new director of multicultural affairs (see related story) will maintain contact with student participants and their families throughout the final year of high school. "It's vital to the program that parents become part of the teamwork approach needed to get their children into and through college," Lutz says. Additionally, the aid of a variety of WPI student groups will be enlisted to maintain one-on-one contact with students who complete the summer program.

Each participant who successfully completes both the summer campus program and the senior year in high school will be admitted to WPI with his or her full financial need met. For students who continue to make satisfactory academic progress, financial aid will continue

until graduation. "There is no doubt that the cost for this aspect of the program could be enormous," notes Strauss. "But, it is a cost we must pay if we are to meet the vitally important goals of this program."

A key part of Diversity at WPI will involve meeting the social, cultural and other needs of the participants outside the classroom. In addition, the program will seek to increase participants' appreciation for their chosen fields and provide them with access to professional activities. WPI will attempt to place Diversity students in paid summer internships during each of their three summer vacation periods.

To this end, WPI will work closely with INROADS of Hartford, a career development and training organization whose mission is to develop and place talented minority youth in business and industry and prepare them for corporate and community leadership. INROADS offers paid consecutive summer career-related internships, training and development workshops, a business advisor/mentor, and tutorial assistance.

E.I.T. Review Course - Fundamentals of Engineering Examination

From the Office of Continuing Education
20 Trowbridge Road
831-5517

This course is designed to be a general review of the basic sciences, mathematics and engineering disciplines. The specific objective is to provide a review of the background material which is useful in preparing for comprehensive examinations such as the Fundamentals of

Engineering Exam.

This course will be taught for nine consecutive weeks, beginning mid January - March, 1991. (a complete agenda will be available at a later date). Who should attend: Students with junior or senior standing (a reduced rate will be available to WPI undergraduates) or engineers preparing for the Fundamentals of Engineering or Professional Engineering Exam.

WPI Social Committee
presents

EGG ROLL



Appearing
TUESDAY, AUGUST 27
9 PM - 11 PM
Gompei's Function Room

Sunday Masses at WPI

11:30 a.m. - The wedge

6:00 p.m. - Founders Hall

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One hour before Masses and Fridays
from 3 to 5 p.m. at the Center

**COME WORSHIP WITH
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NEWS

Seven alumni to be honored at Homecoming

Two of the Alumni Association's most prestigious awards, the John Boynton Young Alumni Award and the Ichabod Washburn Young Alumni Award, will be presented to seven alumni during Homecoming. The honorees will receive the awards during their classes' Reunion dinners.

Named in honor of Ichabod Washburn, a founder of WPI, the Washburn Award was established in 1984 to recognize outstanding professional achievements among young alumni. The five recipients, all members of the Class of 1976, are James H. Hohorst, Paul J. Landino, James M.

Nolan, James J. O'Neil and Steven Tremblay.

The John Boynton Award, also named for a founder of WPI, recognizes distinguished service, dedication and commitment to the programs of the WPI Alumni Association. The two honorees are Edward Gonsalves and Frederick D. Rucker, both members of the Class of 1981.

James H. Hohorst of Brooklyn, N.Y., is a senior officer of Manufacturers Hanover Trust responsible for foreign exchange trading and sales operations in New York, Chicago, Germany and London. Hohorst joined

Citibank NA in 1976 at the foreign exchange trading and sales desk. In 1980 he was named head trader in Athens. In 1981 he joined Merrill Lynch

International Bank as New York foreign exchange manager. He joined Manufacturers Hanover Trust in 1987, serving as regional foreign exchange manager for North America, Europe and the United Kingdom before assuming his present post in June 1991. As a senior officer he manages a division with a staff of 110 and budgeted revenues of \$100 million in 1991.

Paul J. Landino of Franksville, Wis., is divisional manager of Zycron Inc., a subsidiary of Unico Inc. Following his graduation Landino joined Parametrics, a small manufacturer of electronic motor controls. He received an M.B.A. from the University of New Haven in 1982, the same year he founded Zycron Systems Inc., a producer of single phase AC motors. In 1990 his firm merged with Unico Inc., a manufacturer of high performance AC motor controls with \$30 million in annual sales.

James M. Nolan of Holliston, Mass., is vice president of hardware engineering for Sequoia Systems, a manufacturer of fault-tolerant, tightly coupled multiprocessing systems. Nolan is responsible for all CPU, memory and I/O system design and development. Prior to his promotion in 1987 he held the positions of design engineering manager, project engineer and systems engineer. Nolan began his career as an engineer at Westinghouse Electric and served as senior engineer at Raytheon's Computer and Displays Laboratory before joining Sequoia. Specializing in crash-proof computers for large retail operations, banks and brokerage houses, Sequoia has nearly 300 employees and annual revenues of \$50 million.

James J. O'Neil of Framingham, Mass., is a director of Xylogics Inc., a communications firm located in Burlington, Mass., that designs, manufactures and markets intelligent high-performance controllers and terminal servers. O'Neil began his career as a software consultant and later joined Datarol Inc. as vice president of software engineering. In 1984 he was named vice president of communications products at Encore Computer Corp. Steven Tremblay of Cape Elizabeth, Maine, is the founder and executive director of Alpha One, an independent living enterprise for Maine residents with disabilities.

Tremblay, paralyzed in a fall while a WPI student, was named Maine state director of the National Spinal Cord Injury Foundation following his graduation from WPI in 1976. In 1980 he founded Alpha One, a nonprofit organization with branch offices in Augusta, Brewer and Presque Isle. A subsidiary, Wheelchairs Unlimited, sells and services a broad range of low-and high technology rehabilitation equipment.

Edward Gonsalves of Swansea, Mass., has made major contributions in the areas of fund raising and alumni programs. Gonsalves has served as head agent for the Class of 1981 for nearly 10 years, and is chair of young alumni programs for the Alumni Fund Board. He has also chaired the fifth and 10th Reunions for his class and is presently serving as chair of the 10th Reunion Anniversary Gift Committee. In addition, he serves as a member of the Young Alumni Task Force and as Alumni Council representative of the Southeastern Massachusetts Regional Club. Frederick D. Rucker of Overland Park, Kan., has been a dynamic member of the WPI community, both as an undergraduate and as an alumnus. President of the Class of 1981, Rucker has served the association in numerous capacities, including head agent, chair of the Northern New Jersey and New York City regional clubs, class council representative, and alumni admissions volunteer. A member of the association's Executive Committee since 1986, he has co-chaired Career

Connections, and chaired the Student Alumni Interaction Committee and the Young Alumni Task Force. As chair of the latter, he directed an attitudinal study of young graduates that will be the basis of a new association master plan in 1991. Rucker is director of carrier markets for United Telecom, a telecommunications company located in Westwood, Kan.

WPI's Centennial Walkway

You may have noticed that the Quad looks different from when you first visited the WPI campus. The ordinary blacktop that crisscrossed the Quad has been replaced with a brick walkway with a large commemorative stone in the center. If you look closely, you'll notice that many

bricks carry the names of WPI alumni, faculty members or friends of the college.

As evidenced by the centerstone, The Centennial Walkway was built to commemorate the 100th anniversary of the incorporation of the WPI Alumni Association. Over 3500 indi-

viduals purchased bricks (for themselves or others) and are represented in the walkway. The understated inscriptions provide the viewer with a gentle reminder that alumni involvement over the decades has played a key role in the growth and development of WPI.

A header brick at the beginning of each "spoke" of the Quadrangle lists the classes represented in that section. There is one section for faculty and friends and a special section surrounding the centerstone for founding fathers, WPI presidents, chairs of the Board of Trustees and Alumni Association presidents and secretary treasurers. Newly engraved bricks will be added to the walkway once a year (during the summer) giving students, alumni, faculty and friends an opportunity to purchased bricks well into the future. (Bricks can be purchased by calling the Alumni Office at 831-5600.)

The Walkway will be dedicated at 12:00 noon on Homecoming, Saturday, September 28, 1991. All members of the WPI Community are invited to attend the dedication and to participate in all the Homecoming activities scheduled for the day.

Career Development Day October 3rd

In a new initiative coordinated by several offices on campus, WPI will host the first Career Development Day on Thursday, October 3, 1991. The day will feature a variety of career exploration and planning programs designed for undergraduates, graduate students, faculty and alumni.

Career Development Day will be filled with sessions — from 90 minute workshops to 30 minute information sessions, many held simultaneously. Individuals can choose to attend the programs most relevant to their own stage in the career development process. Programs will include: Identifying your Skills and Interests, The Graduate School Option, Women in

Engineering, Resume Writing and Interviewing, Starting Your Own Business, Career Paths for Math and Science Majors and many more. The program will also feature a luncheon speaker and an evening speaker, science fiction novelist Bruce Sterling. Sterling, a key player in the radical new science fiction movement dubbed "CYBERPUNK," will present "A Day in the Life of the 21st Century."

In order to allow students and faculty to participate in as many programs as possible, there will be no classes on October 3rd. More information, including registration information, will be mailed to students, faculty and alumni.



EDWARD JACKMAN

Appearing
SATURDAY, AUGUST 24
9:30 PM
Harrington Auditorium

Sponsored by the
WPI Social
Committee



STUDENT GOVERNMENT

WELCOMES
THE

CLASS OF
1995

For more information about
the Student Government
Association, stop by our
office in the Wedge, or call
831-5565.

LETTER TO THE STUDENT BODY

Diversity and Pluralism. What does that mean?

Dear WPI Student:

Welcome to the start of another year of learning and growing. As a new member of the WPI Community I wanted to introduce myself to you by telling you a little about who I am, what I will be doing and how we might work together during this school year.

I began work at WPI as The Special Assistant to the Provost for Multi-cultural Affairs on August 1st. I previously worked as the Director of Community Planning for the United Way of Central Massachusetts. I received my bachelors degree from Cornell University and a Master of Social Work in planning and community organization from the University of Michigan.

The focus of my position as Director of Multi-cultural Affairs (same job as Special Assistant to the Provost for Multi-cultural Affairs) is very clear and the scope is very broad. At the same time my mission can be very easily misunderstood. So I hope that this letter will enlighten and encourage, as well as, clarify and allay any concerns that may exist.

My efforts will center on two areas: Diversity and Pluralism. What does that mean?

Diversity
Historical and current socio-economic and political circumstances have shaped WPI into an institution that does not reflect the demographic reality of our nation. Twenty-six percent of all American college age men and women (18 - 24 years old) are people of color, yet the college enrollment participation rate for this population is only 19.8% (compared to 30.9% for all groups) and American minorities constitute less than 1.5% of the student population at WPI.

Women make up 52.1% of all US students entering American colleges, yet females account for only 18% of the WPI student body. (*Available statistics from the American Council on Education do not include Native Americans and Asian Americans. Data on minorities is taken from US Census Bureau unpublished tabulations for October, 1989. Datum on female students is a 1988 statistic obtained from the Mass. Executive Office of Educational Affairs and Higher

Education Coordinating Council).

Recognizing that this country can no longer afford not to use and develop the largely untapped potential of minorities, and that WPI is not receiving its share of the talented women and minorities, this community has made a new and note-worthy commitment in its strategic plan:

To increase the presence, participation and retention of women, minority and nontraditional students from a widening national and international base.

Pluralism
This nation and WPI are fortunate to have a rich mixture of cultures, religions, life-styles and beliefs. Unfortunately we have not fully recognized the value, strength and opportunities that this mix of people offers. This has resulted in our devaluing, avoiding and, often, ostracizing those who are different than the majority.

Pluralism is a philosophy that values differences which thereby enriches and strengthens us as individuals, a community and a nation. Our strategic plan seeks:

To enhance the intellectual, cultural, social, emotional, psychological development of students. Increase the opportunity for interactions among students, faculty and staff.

School year 1991-92 Plans for Multi-cultural Affairs

The initial grant support for Diversity At WPI and the Office of Multi-cultural Affairs has been provided by United Technologies Corp. and GTE. I will spend a significant amount of time carrying out the goals and objectives of these grants, of which one is cited in the second bullet below. This and the other items listed below constitute my current workplan.

- o Support existing efforts to promote diversity and pluralism
- o Plan and implement United Technologies Corp. grant program (which will bring 30 minority and female students to WPI next summer for a four week college preparatory experience)
- o Explore collaborative initiatives with historically black and predominantly Hispanic and Native

American colleges
o Stengthen WPI linkages with the local community

o Educate the WPI community about the aims of the Office of Multi-cultural Affairs

My office, the Office of Multi-cultural Affairs, is located in Room 206 of the Project Center. My telephone extension is #5820. Please stop by or call to introduce yourself and chat. I hope to receive an invitation from student organizations and greek societies to talk about how they can help make pluralism a reality at WPI and, just maybe, our efforts will spread so that we as society begin to think of ourselves as a world community - where we all have a responsibility for one another.

I look forward to getting to know you.

Sincerely,

Ron Macon
Director of
Multi-cultural Affairs

NEWS

WPI faculty named NSF Presidential Young Investigators

Worcester Polytechnic Institute Provost Diran Apelian has announced that two WPI professors are among about 200 faculty members at American colleges and universities recently named Presidential Young Investigators by the National Science Foundation. Tahar El-Korchi, assistant professor of civil engineering, and Peter Levin, assistant professor of electrical engineering, will receive the awards, which (through matching funds from industry) are each worth as much as \$100,000 per year for a five-year period. The funding, which is to be used to support each recipient's research, is intended to encourage the development of future academic leaders in

both teaching and research.

There are now three Presidential Young Investigators at the Institute—James E. Rollings, associate professor of chemical engineering, received the award in 1986. "These awards truly bring recognition to WPI's faculty and to our whole institution," says Apelian.

El-Korchi, a native of Rabat, Morocco, joined the WPI faculty in 1987. He graduated from the Kenitra American High School in Morocco and received his undergraduate and graduate degrees from the University of New Hampshire. As a graduate assistant he was a supervisor in UNH's Materials and Concrete Laboratory, where he tested fresh and hardened concrete for

the Department of Transportation. His research interests are in the areas of materials and structural engineering, fiber-reinforced cement composites, toxic waste stabilization, non-destructive evaluation and video imaging of pavement surface distress. "I am honored to be a recipient of the Presidential Young Investigators award. This will allow me to pursue additional research in my areas of interest," says El-Korchi.

Levin grew up in Silver Spring, Md. He graduated from Montgomery Blair High School and earned his bachelor's, master's and doctoral degrees in electrical and computer engineering at Carnegie-Mellon University in Pitts-

burg, where he was awarded an American Electronics Association Fellowship. Upon graduation he was named a DADD Visiting Scientist at the Technical University of Munich.

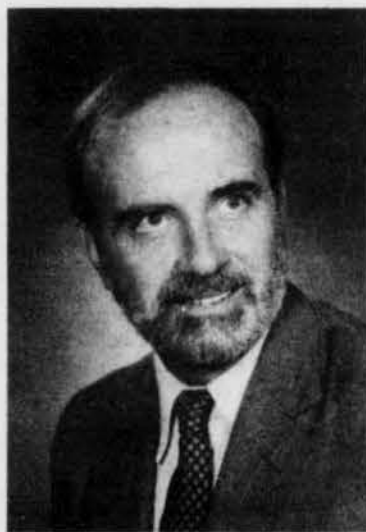
Levin joined the WPI faculty in 1988 to pursue his teaching and research interests in the areas of computational electrodynamics and numerical methods. Since 1989 he has been conducting his research in the Institute's Computational Fields Lab, which he founded and presently directs. In 1990 Levin established WPI's first recycling program, and he contin-

ues to be actively involved in the development of educational software materials under the auspices of the CFL. "The Presidential Young Investigator award is an extraordinary career opportunity and I am truly honored to have been chosen," says Levin. "The funding enables me to pursue research interests that may not have otherwise been fundable."

El-Korchi lives in Framingham. Levin lives in Worcester.

Clements will become Interim WPI Dean of Graduate Studies and Research

Kevin A. Clements, professor of electrical engineering at Worcester Polytechnic Institute, has accepted the position of Interim Dean of Graduate



Kevin A. Clements

Clements of Westboro, Mass. joined WPI as an assistant professor in 1970. He received a bachelor's degree in electrical engineering from Manhattan College in 1963 and master's and Ph.D. degrees from Polytechnic Institute of Brooklyn, N.Y. From 1963 to 1968 he worked for the General Electric Co. as a guidance engineer and from 1968 to 1970 for the General Precision Division of Singer as a project engineer.

He is internationally recognized for his work in power systems and was head of the electrical engineering department from 1983 to 1988. He has been an active member of the IEEE Power Engineering Society, serving as chairman of the local chapter and as a member of several committees at the national level. He is also a member of Eta Kappa Nu, the national electrical engineering honor society and Sigma Xi Research Society. In 1981, Clements received the WPI Board of Trustees' Award for Outstanding Creative Scholarship for his work on monitoring and control of electric power networks.

In 1990, he was elected to the rank

of Fellow of the Institute of Electrical and Electronics Engineers and spent the last year at the National Science Foundation in Washington, D.C. as Director of the Engineering Systems Program.

"I am looking forward to working with the faculty, students and staff in the coming months and to continuing the excellent traditions of our graduate education program," Clements said.

An introduction to the enrollment management unit

The various offices that make up the Enrollment Management Unit: Admissions, Financial Aid, the Major Selection Program, Academic Advising, Cooperative Education and Placement are here to serve you. Whether

you are experiencing indecision in your choice of major, difficulty in meeting WPI's costs, academic difficulty or want to explore a career field through Coop, we'd like to speak with you. We're here to help.

Office locations and staff:

Major Selection Program
Cooperative Education
Financial Aid
Academic Advising
Undergraduate Admissions
Placement
Graduate Admissions
Enrollment Management Unit Head

Boynton Hall
Boynton Hall
Boynton Hall
Boynton Hall
Boynton Hall
Boynton Hall
Powerhouse
Boynton Hall

Mary Beth Harrity
Mary Beth Harrity
Mike Curley
Ann Garvin
Key Dietrich
Bill Trask
Brian Davis
Bob Voss

WPI Newspeak

The Student Newspaper of Worcester Polytechnic Institute
WPI Box 2700, Worcester, Massachusetts 01609
Phone (508) 831-5464

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Newspeak is printed on recycled paper

Studies and Research. WPI Provost Diran Apelian announced the appointment and indicated it would be effective Aug. 1. Mike Massouh, incumbent dean, resigned in May. He will remain at WPI during the coming academic year as a special consultant to the president's and provost's offices to ensure continuity and an orderly transition. A search committee will be formed in September to conduct an internal search for the new dean.

In thanking Dean Massouh for his contributions to WPI, Provost Apelian cited the focus and direction he brought to WPI's graduate program. "We thank him for his sincerity and dedication to our graduate students and graduate programs," Apelian said.

WPI Newspeak of Worcester Polytechnic Institute, formerly the Tech News, has been published weekly during the academic year, except during college vacations, since 1909. Letters to the editor should be typed (double-spaced) and must contain the typed or printed name of the author as well as the author's signature and telephone number for verification. Students submitting letters to the editor should put their class after their name. Faculty and staff should include their full title. Letters deemed libelous or irrelevant to the WPI community will not be published.

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

The editorial is written by a member or members of the Newspeak staff. It does not necessarily reflect the opinions of the entire Newspeak staff.

Newspeak subscribes to the Collegiate Press Service. Printing is done by Saltus Press. First Class postage paid at Worcester, Massachusetts. Subscription rate is \$20.00 per school year, single copies 75 cents within the continental United States. Make all checks payable to WPI Newspeak.

NEWS

Gordon Library Services Available Across the Campus Network

The staff of the George C. Gordon Library welcomes all new and returning students and invites you to utilize library services and resources either in person here at the library or electronically via the campus computer network. More about the library's computerized resources follows below, but first here's some general information about the Gordon Library.

The library is located on the east side of the campus at the end of Freeman Plaza between Washburn Shops and Salisbury Laboratories. You enter the building on the second floor, which is the main floor. There is one floor above and two below that house library materials and services. Desks, tables, and small rooms are available throughout the building for individual and group study.

Hours

The library is open over 100 hours each week during terms A through D (late August to early May). Regular hours are:

Monday-Thursday 8:00 A.M. - 12 Midnight

Friday 8:00 A.M. - 11:00 P.M.

Saturday 8:00 A.M. - 9:00 P.M.

Sunday 12 Noon - 12 Midnight.

Hours vary during term and semester breaks and during the summer. A calendar of library hours for the 1991-1992 academic year may be obtained at the reference desk. Changes in hours are posted at the main entrance to the building and on the campus network.

Charging Out Books

Your WPI student ID card serves as your library card, and you'll need it to charge out books and to access other library services. Books are charged out at the Circulation Desk on the main floor to the left of the entrance. Students can borrow books for four weeks at a time and can renew them as long as they have not been requested by anyone else. The Circulation Desk also houses the reserve shelves where faculty leave materials that they have assigned for courses, such as readings and homework assignments and solutions.

Getting Help

The Reference Department is on the

main floor opposite the front entrance to the building. Reference Librarians can help you find sources, use library catalogs and reference tools, do computerized literature searches, and locate materials in other libraries. Resources include the standard encyclopedias, dictionaries, biographical sources, company directories, and handbooks and manuals, as well telephone directories, road maps and atlases, and indexes and abstracts for locating articles in magazines and journals. Come to the Reference Department when you have to find sources on a topic, or if you have a question about using the library.

Public Access Catalog

The library's online public access catalog (PAC) terminals are found to the right of the entrance on the main floor. Use the terminals to look for books and other cataloged materials in Gordon Library and in over sixty other libraries in Central and Western Massachusetts. The terminals running the "library" program can be utilized to access other resources as well. More about the "library" program can be found below. Instructions are near the terminals and help is available at the Reference Desk. Please ask if you have a question about using the terminals.

Library Services on the Campus Network

The same "library" program available on the terminals in Gordon Library is also accessible via the campus computer network on the CCC Encore and DECStations. Any WPI student, faculty or staff member with an account on the Encore has access to several library services from any terminal or computer connected to the campus computer network. The program is offered by the Gordon Library and the College Computer Center. New students will be signed up for Encore accounts during orientation. Anyone who does not yet have an account can obtain one by just going over to the CCC Lab in Fuller Laboratories and asking for one.

To use the program, log on to the Encore (host wpi) or DECStation, type

the word library and press Return at the system prompt. A brief welcome message will display after which you press Return. The program menu displays next. Type the letter of the service that you want to use and press Return. Then follow the onscreen instructions and prompts. (Note: it is not necessary to log on to the terminals on the main floor of the library).

Use the library program to:

—Search the library's online catalog to determine if a book is available in Gordon Library or in other selected area libraries.

—Find articles published in 10,000 periodicals in the UnCover database.

—Look up periodical titles to see if they're available in Gordon Library.

—Look for completed IQP and MQP reports by student or faculty advisor name, project title, keyword, sponsoring organization name or WPI project center.

—Display the library bulletin board for information on library hours, services, and exhibits.

—Obtain information on what the library has to offer in the "Guide to Gordon Library Services and Re-

sources".

—Browse a list of new library materials.

—Send suggestions, comments, or questions concerning the library program and receive replies via e-mail.

Other Computerized Library Resources

In addition to what's been mentioned already, the library offers some other computerized resources. Next to the public access catalog terminals are four PCs that run four CD-ROM databases. These databases, NTIS, Compendex, Wilsondisc, and Moody's, can be used to find, respectively, U.S. Government R&D reports; engineering articles and papers; articles in scientific and technical periodicals; and information on companies. Go to the Reference Desk first if you want to use any of the CD-ROMs. Also available in the Reference Department is the Online Search Service, which can access hundreds of databases covering just about any subject area. There are costs to use the service. Check with the Online Searcher in the Reference Department for details. Lastly, the Audiovisual Room on the first floor of the

library contains a number of PCs for general use (sorry, no printers). These PCs may also be used to access the campus network.

More Points of Interest

In addition to computers, the Audiovisual Room houses videocassettes for use in courses. These include tapes made by WPI faculty as well as videos of literary and scholarly interest. The Music Room on the main floor is where you will find the library's collection of music recordings and scores and music listening facilities. The WPI Archives on the third floor contains the historical records of WPI from its founding in 1865. Among the items available are student newspapers, yearbooks, catalogs, alumni magazines, photographs and building plans, and faculty publications. The Special Collections Room, adjacent to the Archives, contains collections on specific subjects; portfolios of artworks; and early works in science and technology. The third floor also houses the library's exhibit area where photographic and artistic works are displayed during the year.

WPI Health Services Update

WELCOME CLASS OF 1995, TRANSFER, UPPERCLASSMEN AND GRADUATE STUDENTS!!!

Now that you have arrived at WPI, it's time to think about how you will change in the next four years. Certainly academic growth will occur, hopefully leading to a rewarding career, letting go of old friends and establishing new ones and doors to new opportunities will open for you. As you begin this new journey, I hope you will take time to think about the changes you will undergo in your health status. For many students college marks the beginning of self care. Up until now you may have relied on your parents for your parents for the diagnosing and treating of all your illnesses, now the responsibility is yours. Basically, as a college student, you are one of the healthiest segments of society. However many of the health related behaviors begun in college will become habits for the rest of your life. How and what you eat, eat, your exercise patterns, your use and abuse of alcohol or other drugs, your sexual attitudes and practices, the contraceptive methods you choose, your use of seat belts (automobile accidents are the leading cause of death among college students), and how to handle stress, are all components of well being, and

examples of behaviours you will try. Because you are young you have a sense of invulnerability. That's fine, you should. But look ahead to the future too! Just as you are evaluating your course selection, you should consider your current health habits to see if and how they might lead you to a goal of maximum health. View your health as something you can achieve, and please take advantage of the programs and services available at the WPI Health Services and other offices on campus.

The WPI health office, on Hackfeld Road, is open Monday through Friday from 8 a.m. until 5 p.m. JoAnn Van Dyke R.N., Director and Sharon Cahill R.N. are there daily and the physicians J.B. Hanshaw M.D. and Christine Purington M.D. are in the office four hours per day. All undergraduate students as well as graduate students who have paid the basic health fee are entitled to use the facility.

In the event that you should need medical care when the office is closed, you may reach a physician by dialing 756-4301. Leave your name and a number where you can be reached and a physician will return your call. In the event that the need is of an emergency nature call the WPI Campus Police at 831-5555 and they, ac-

companied by the First Responder team, will provide the appropriate assistance.

Heidi, please excuse the typos. This will be the first of what I hope? will be a biweekly column. The Ad that follows should be 1/4 page.

WPI HEALTH SERVICES HOURS

Mon - Fri 8am to 5 pm
831-5520

PHYSICIANS HOURS

MONDAY 1PM - 4:30PM

J.B. HANSHAW M.D.

TUESDAY 1pm - 4:30PM

CHRISTINE PURINGTON M.D.

WEDNESDAY 1PM - 4:30PM

J.B. HANSHAW M.D.

THURSDAY 1PM - 4:30PM

J.B. HANSHAW M.D.

FRIDAY 8:30AM - 12:00PM

J.B. HANSHAW M.D.

GYNECOLOGICAL SERVICES

by appointment

EILEEN RAFFERTY, FNPC

If you have any questions please call me. Thank you.

JoAnn Van Dyke ex 5520

Dr. Comer to be Keynote Speaker at Convocation

Dr. James P. Comer, renowned nationally for his work in reforming troubled urban schools, will be the keynote speaker at Worcester Polytechnic Institute's annual convocation on Aug. 28 beginning at 4 p.m. in Harrington Auditorium. The title of his address will be "The Challenge of Transition: The Class of 1995 and the Nation."

The all-campus academic convocation was revived last year after a 20-year absence. It signals the start of a new academic year and the welcoming of new students. Members of the WPI faculty and administration, in full regalia, will begin the convocation with a procession into Harrington.

Comer is currently the Maurice Falk Professor of Child Psychiatry and director of the School Development Program of the Yale Child Study Center, and associate dean of the Yale School of Medicine. Over the past two

decades, his School Development Program, also called the Comer Process, has emphasized building relationships based on sharing that brings schools administrators, staff, teachers, and parents together regularly. His program has been used in New Haven for more than 20 years and adopted by more than 100 schools in eight states.

He is a consultant to the Children's Television Workshop and in 1989 participated in a Pre-Education Summit Meeting with President George Bush. Millions of Americans know Comer from his monthly column in Parents Magazine.

Comer received his bachelor's degree from Indiana University, his M.D. from Howard University, and master's in public health from the University of Michigan. He trained in psychiatry at Yale. In 1989 Newsweek named him one of 25 Americans "on the cutting edge" for his ideas about reforming troubled urban schools. In 1990 he received a Special Presidential Commendation. Also in 1990 The Rockefeller Foundation funded a five-year \$15 million project to speed the adoption of his pioneering method for educating at-risk students by funding teacher training programs in the Comer Method. The goal of his program, he says, is to "put in place the mechanisms and attitudes and ways of working that will allow the creativity of the people at the local level to flourish."

Dr. Comer will receive an honorary doctor of science degree at the convocation, previously announced at WPI's 1991 commencement.

Outstanding Teaching and Research Awards Presented at Faculty Honors Convention

The Trustees' Awards for Outstanding Teaching and Outstanding Creative Scholarship and Research were presented at the annual Faculty Honors Convocation in April. Also honored were the Teaching Assistant of the Year, retiring faculty members and graduate researchers.

Robert Long II, associate professor of physics, received the Trustees' Award for Outstanding Teaching. He was cited for "his ongoing search for effective ways to teach physics and for the vast number of students who have been stimulated by what he has already discovered." Long earned his bachelor's and master's degrees at Lehigh University. Since coming to the Institute in 1957, he has served as registrar, chairman of the Physics Department, chairman of the Committee on Academic Policy, secretary of the Committee on Governance, and a mentor to several first-year students. His research and teaching interests are in the areas of science education and the societal implications of technology.

Ryszard J. Pryputniewicz, professor of mechanical engineering, received the Trustees' Award for Outstanding Creative Scholarship and Research. He earned his bachelor's degree at the University of Hartford and his master's and doctorate at the University of Connecticut. He joined the faculty in 1978. Pryputniewicz has been honored as the Russell M. Searle Distinguished Instructor, and is currently the John Woodman Higgins Professor of Mechanical Engineering. He is a leading authority on holographic interferometry and has established his laboratory as one of the world's premier centers for holographic work.

Albert J. Pothier, teaching assistant for the Computer-Aided Design Laboratory since August 1989, was named Teaching Assistant of the Year. Studying for his master's degree in mechanical engineering, Pothier was cited for his dedication, hard work and conscientiousness.

Sigma Xi: The Scientific Research

Society presented its Master's Research Award to Damir Juric, a Goddard Fellow whose thesis was titled "An Investigation of Magnetohydrodynamic Flow Phenomena in Non-Newtonian Liquids Using the Finite Element Method." Juric recently received his master's degree in mechanical engineering. Randall A. Briggs, who received his Ph.D. in chemical engineering in May, received Sigma Xi's Doctoral Research Award for his thesis "Oxidation and Reduction of Ilmenite and the Reduction of Pseudobrookite." Alexander A. Di Iorio, who received his doctorate in biochemical engineering in May, received honorable mention in that category.

The convocation also honored retiring faculty members Kenneth E. Scott, professor of mechanical engineering and director of the CAD Lab, Richard D. Desrosiers, associate



Dr. James P. Comer

LETTER TO THE STUDENT BODY

Diversity and Pluralism. What does that mean?

Dear WPI Student:

Welcome to the start of another year of learning and growing. As a new member of the WPI Community I wanted to introduce myself to you by telling you a little about who I am, what I will be doing and how we might work together during this school year.

I began work at WPI as The Special Assistant to the Provost for Multi-cultural Affairs on August 1st. I previously worked as the Director of Community Planning for the United Way of Central Massachusetts. I received my bachelors degree from Cornell University and a Master of Social Work in planning and community organization from the University of Michigan.

The focus of my position as Director of Multi-cultural Affairs (same job as Special Assistant to the Provost for Multi-cultural Affairs) is very clear and the scope is very broad. At the same time my mission can be very easily misunderstood. So I hope that this letter will enlighten and encourage, as well as, clarify and allay any concerns that may exist.

My efforts will center on two areas: Diversity and Pluralism. What does that mean?

Diversity
Historical and current socio-economic and political circumstances have shaped WPI into an institution that does not reflect the demographic reality of our nation. Twenty-six percent of all American college age men and women (18 - 24 years old) are people of color, yet the college enrollment participation rate for this population is only 19.8% (compared to 30.9% for all groups) and American minorities constitute less than 1.5% of the student population at WPI.

Women make up 52.1% of all US students entering American colleges, yet females account for only 18% of the WPI student body. (*Available statistics from the American Council on Education do not include Native Americans and Asian Americans. Data on minorities is taken from US Census Bureau unpublished tabulations for October, 1989. Datum on female students is a 1988 statistic obtained from the Mass. Executive Office of Educational Affairs and Higher

Education Coordinating Council).

Recognizing that this country can no longer afford not to use and develop the largely untapped potential of minorities, and that WPI is not receiving its share of the talented women and minorities, this community has made a new and note-worthy commitment in its strategic plan:

To increase the presence, participation and retention of women, minority and nontraditional students from a widening national and international base.

Pluralism
This nation and WPI are fortunate to have a rich mixture of cultures, religions, life-styles and beliefs. Unfortunately we have not fully recognized the value, strength and opportunities that this mix of people offers. This has resulted in our devaluing, avoiding and, often, ostracizing those who are different than the majority.

Pluralism is a philosophy that values differences which thereby enriches and strengthens us as individuals, a community and a nation. Our strategic plan seeks:

To enhance the intellectual, cultural, social, emotional, psychological development of students. Increase the opportunity for interactions among students, faculty and staff.

School year 1991-92 Plans for Multi-cultural Affairs

The initial grant support for Diversity At WPI and the Office of Multi-cultural Affairs has been provided by United Technologies Corp. and GTE. I will spend a significant amount of time carrying out the goals and objectives of these grants, of which one is cited in the second bullet below. This and the other items listed below constitute my current workplan.

- o Support existing efforts to promote diversity and pluralism
- o Plan and implement United Technologies Corp. grant program (which will bring 30 minority and female students to WPI next summer for a four week college preparatory experience)
- o Explore collaborative initiatives with historically black and predominantly Hispanic and Native

American colleges
o Stengthen WPI linkages with the local community

o Educate the WPI community about the aims of the Office of Multi-cultural Affairs

My office, the Office of Multi-cultural Affairs, is located in Room 206 of the Project Center. My telephone extension is #5820. Please stop by or call to introduce yourself and chat. I hope to receive an invitation from student organizations and greek societies to talk about how they can help make pluralism a reality at WPI and, just maybe, our efforts will spread so that we as society begin to think of ourselves as a world community - where we all have a responsibility for one another.

I look forward to getting to know you.

Sincerely,

Ron Macon
Director of
Multi-cultural Affairs

NEWS

WPI faculty named NSF Presidential Young Investigators

Worcester Polytechnic Institute Provost Diran Apelian has announced that two WPI professors are among about 200 faculty members at American colleges and universities recently named Presidential Young Investigators by the National Science Foundation. Tahar El-Korchhi, assistant professor of civil engineering, and Peter Levin, assistant professor of electrical engineering, will receive the awards, which (through matching funds from industry) are each worth as much as \$100,000 per year for a five-year period. The funding, which is to be used to support each recipient's research, is intended to encourage the development of future academic leaders in

both teaching and research.

There are now three Presidential Young Investigators at the Institute—James E. Rollings, associate professor of chemical engineering, received the award in 1986. "These awards truly bring recognition to WPI's faculty and to our whole institution," says Apelian.

El-Korchhi, a native of Rabat, Morocco, joined the WPI faculty in 1987. He graduated from the Kenitra American High School in Morocco and received his undergraduate and graduate degrees from the University of New Hampshire. As a graduate assistant he was a supervisor in UNH's Materials and Concrete Laboratory, where he tested fresh and hardened concrete for

the Department of Transportation. His research interests are in the areas of materials and structural engineering, fiber-reinforced cement composites, toxic waste stabilization, non-destructive evaluation and video imaging of pavement surface distress. "I am honored to be a recipient of the Presidential Young Investigators award. This will allow me to pursue additional research in my areas of interest," says El-Korchhi.

Levin grew up in Silver Spring, Md. He graduated from Montgomery Blair High School and earned his bachelor's, master's and doctoral degrees in electrical and computer engineering at Carnegie-Mellon University in Pitts-

burg, where he was awarded an American Electronics Association Fellowship. Upon graduation he was named a DADD Visiting Scientist at the Technical University of Munich.

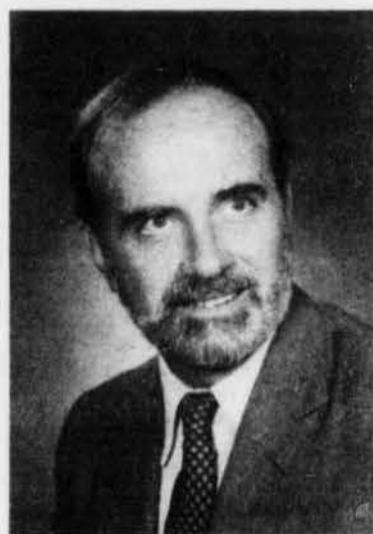
Levin joined the WPI faculty in 1988 to pursue his teaching and research interests in the areas of computational electro-dynamics and numerical methods. Since 1989 he has been conducting his research in the Institute's Computational Fields Lab, which he founded and presently directs. In 1990 Levin established WPI's first recycling program, and he contin-

ues to be actively involved in the development of educational software materials under the auspices of the CFL. "The Presidential Young Investigator award is an extraordinary career opportunity and I am truly honored to have been chosen," says Levin. "The funding enables me to pursue research interests that may not have otherwise been fundable."

El-Korchhi lives in Framingham. Levin lives in Worcester.

Clements will become Interim WPI Dean of Graduate Studies and Research

Kevin A. Clements, professor of electrical engineering at Worcester Polytechnic Institute, has accepted the position of Interim Dean of Graduate



Kevin A. Clements

Clements of Westboro, Mass. joined WPI as an assistant professor in 1970. He received a bachelor's degree in electrical engineering from Manhattan College in 1963 and master's and Ph.D. degrees from Polytechnic Institute of Brooklyn, N.Y. From 1963 to 1968 he worked for the General Electric Co. as a guidance engineer and from 1968 to 1970 for the General Precision Division of Singer as a project engineer.

He is internationally recognized for his work in power systems and was head of the electrical engineering department from 1983 to 1988. He has been an active member of the IEEE Power Engineering Society, serving as chairman of the local chapter and as a member of several committees at the national level. He is also a member of Eta Kappa Nu, the national electrical engineering honor society and Sigma Xi Research Society. In 1981, Clements received the WPI Board of Trustees' Award for Outstanding Creative Scholarship for his work on monitoring and control of electric power networks.

In 1990, he was elected to the rank

of Fellow of the Institute of Electrical and Electronics Engineers and spent the last year at the National Science Foundation in Washington, D.C. as Director of the Engineering Systems Program.

"I am looking forward to working with the faculty, students and staff in the coming months and to continuing the excellent traditions of our graduate education program," Clements said.

An introduction to the enrollment management unit

The various offices that make up the Enrollment Management Unit: Admissions, Financial Aid, the Major Selection Program, Academic Advising, Cooperative Education and Placement are here to serve you. Whether

you are experiencing indecision in your choice of major, difficulty in meeting WPI's costs, academic difficulty or want to explore a career field through Coop, we'd like to speak with you. We're here to help.

Office locations and staff:

Major Selection Program	Boynton Hall	Mary Beth Harrity
Cooperative Education	Boynton Hall	Mary Beth Harrity
Financial Aid	Boynton Hall	Mike Curley
Academic Advising	Boynton Hall	Ann Garvin
Undergraduate Admissions	Boynton Hall	Key Dietrich
Placement	Boynton Hall	Bill Trask
Graduate Admissions	Powerhouse	Brian Davis
Enrollment Management Unit Head	Boynton Hall	Bob Voss

Studies and Research. WPI Provost Diran Apelian announced the appointment and indicated it would be effective Aug. 1. Mike Massouh, incumbent dean, resigned in May. He will remain at WPI during the coming academic year as a special consultant to the president's and provost's offices to ensure continuity and an orderly transition. A search committee will be formed in September to conduct an internal search for the new dean.

In thanking Dean Massouh for his contributions to WPI, Provost Apelian cited the focus and direction he brought to WPI's graduate program. "We thank him for his sincerity and dedication to our graduate students and graduate programs," Apelian said.



Newspeak is printed on recycled paper

WPI Newspeak

The Student Newspaper of Worcester Polytechnic Institute
WPI Box 2700, Worcester, Massachusetts 01609
Phone (508) 831-5464

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WPI Newspeak of Worcester Polytechnic Institute, formerly the Tech News, has been published weekly during the academic year, except during college vacations, since 1909. Letters to the editor should be typed (double-spaced) and must contain the typed or printed name of the author as well as the author's signature and telephone number for verification. Students submitting letters to the editor should put their class after their name. Faculty and staff should include their full title. Letters deemed libelous or irrelevant to the WPI community will not be published.

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

The editorial is written by a member or members of the Newspeak staff. It does not necessarily reflect the opinions of the entire Newspeak staff.

Newspeak subscribes to the Collegiate Press Service. Printing is done by Saltus Press. First Class postage paid at Worcester, Massachusetts. Subscription rate is \$20.00 per school year, single copies 75 cents within the continental United States. Make all checks payable to WPI Newspeak.

NEWS

Gordon Library Services Available Across the Campus Network

The staff of the George C. Gordon Library welcomes all new and returning students and invites you to utilize library services and resources either in person here at the library or electronically via the campus computer network. More about the library's computerized resources follows below, but first here's some general information about the Gordon Library.

The library is located on the east side of the campus at the end of Freeman Plaza between Washburn Shops and Salisbury Laboratories. You enter the building on the second floor, which is the main floor. There is one floor above and two below that house library materials and services. Desks, tables, and small rooms are available throughout the building for individual and group study.

Hours

The library is open over 100 hours each week during terms A through D (late August to early May). Regular hours are:

Monday-Thursday 8:00 A.M. - 12 Midnight

Friday 8:00 A.M. - 11:00 P.M.

Saturday 8:00 A.M. - 9:00 P.M.

Sunday 12 Noon - 12 Midnight.

Hours vary during term and semester breaks and during the summer. A calendar of library hours for the 1991-1992 academic year may be obtained at the reference desk. Changes in hours are posted at the main entrance to the building and on the campus network.

Charging Out Books

Your WPI student ID card serves as your library card, and you'll need it to charge out books and to access other library services. Books are charged out at the Circulation Desk on the main floor to the left of the entrance. Students can borrow books for four weeks at a time and can renew them as long as they have not been requested by anyone else. The Circulation Desk also houses the reserve shelves where faculty leave materials that they have assigned for courses, such as readings and homework assignments and solutions.

Getting Help

The Reference Department is on the

main floor opposite the front entrance to the building. Reference Librarians can help you find sources, use library catalogs and reference tools, do computerized literature searches, and locate materials in other libraries. Resources include the standard encyclopedias, dictionaries, biographical sources, company directories, and handbooks and manuals, as well telephone directories, road maps and atlases, and indexes and abstracts for locating articles in magazines and journals. Come to the Reference Department when you have to find sources on a topic, or if you have a question about using the library.

Public Access Catalog

The library's online public access catalog (PAC) terminals are found to the right of the entrance on the main floor. Use the terminals to look for books and other cataloged materials in Gordon Library and in over sixty other libraries in Central and Western Massachusetts. The terminals running the "library" program can be utilized to access other resources as well. More about the "library" program can be found below. Instructions are near the terminals and help is available at the Reference Desk. Please ask if you have a question about using the terminals.

Library Services on the Campus Network

The same "library" program available on the terminals in Gordon Library is also accessible via the campus computer network on the CCC Encore and DECStations. Any WPI student, faculty or staff member with an account on the Encore has access to several library services from any terminal or computer connected to the campus computer network. The program is offered by the Gordon Library and the College Computer Center. New students will be signed up for Encore accounts during orientation. Anyone who does not yet have an account can obtain one by just going over to the CCC Lab in Fuller Laboratories and asking for one.

To use the program, log on to the Encore (host wpi) or DECStation, type

the word library and press Return at the system prompt. A brief welcome message will display after which you press Return. The program menu displays next. Type the letter of the service that you want to use and press Return. Then follow the onscreen instructions and prompts. (Note: it is not necessary to log on to the terminals on the main floor of the library).

Use the library program to:

—Search the library's online catalog to determine if a book is available in Gordon Library or in other selected area libraries.

—Find articles published in 10,000 periodicals in the UnCover database.

—Look up periodical titles to see if they're available in Gordon Library.

—Look for completed IQP and MQP reports by student or faculty advisor name, project title, keyword, sponsoring organization name or WPI project center.

—Display the library bulletin board for information on library hours, services, and exhibits.

—Obtain information on what the library has to offer in the "Guide to Gordon Library Services and Re-

sources".

—Browse a list of new library materials.

—Send suggestions, comments, or questions concerning the library program and receive replies via e-mail.

Other Computerized Library Resources

In addition to what's been mentioned already, the library offers some other computerized resources. Next to the public access catalog terminals are four PCs that run four CD-ROM databases. These databases, NTIS, Compendex, Wilsondisc, and Moody's, can be used to find, respectively, U.S. Government R&D reports; engineering articles and papers; articles in scientific and technical periodicals; and information on companies. Go to the Reference Desk first if you want to use any of the CD-ROMs. Also available in the Reference Department is the Online Search Service, which can access hundreds of databases covering just about any subject area. There are costs to use the service. Check with the Online Searcher in the Reference Department for details. Lastly, the Audiovisual Room on the first floor of the

library contains a number of PCs for general use (sorry, no printers). These PCs may also be used to access the campus network.

More Points of Interest

In addition to computers, the Audiovisual Room houses videocassettes for use in courses. These include tapes made by WPI faculty as well as videos of literary and scholarly interest. The Music Room on the main floor is where you will find the library's collection of music recordings and scores and music listening facilities. The WPI Archives on the third floor contains the historical records of WPI from its founding in 1865. Among the items available are student newspapers, yearbooks, catalogs, alumni magazines, photographs and building plans, and faculty publications. The Special Collections Room, adjacent to the Archives, contains collections on specific subjects; portfolios of artworks; and early works in science and technology. The third floor also houses the library's exhibit area where photographic and artistic works are displayed during the year.

WPI Health Services Update

WELCOME CLASS OF 1995, TRANSFER, UPPERCLASSMEN AND GRADUATE STUDENTS!!!

Now that you have arrived at WPI, it's time to think about how you will change in the next four years. Certainly academic growth will occur, hopefully leading to a rewarding career, letting go of old friends and establishing new ones and doors to new opportunities will open for you. As you begin this new journey, I hope you will take time to think about the changes you will undergo in your health status. For many students college marks the beginning of self care. Up until now you may have relied on your parents for your parents for the diagnosing and treating of all your illnesses, now the responsibility is yours. Basically, as a college student, you are one of the healthiest segments of society. However many of the health related behaviors begun in college will become habits for the rest of your life. How and what you eat, eat, your exercise patterns, your use and abuse of alcohol or other drugs, your sexual attitudes and practices, the contraceptive methods you choose, your use of seat belts (automobile accidents are the leading cause of death among college students), and how to handle stress, are all components of well being, and

examples of behaviours you will try. Because you are young you have a sense of invulnerability. That's fine, you should. But look ahead to the future too! Just as you are evaluating your course selection, you should consider your current health habits to see if and how they might lead you to a goal of maximum health. View your health as something you can achieve, and please take advantage of the programs and services available at the WPI Health Services and other offices on campus.

The WPI health office, on Hackfeld Road, is open Monday through Friday from 8 a.m. until 5 p.m. JoAnn Van Dyke R.N., Director and Sharon Cahill R.N. are there daily and the physicians J.B. Hanshaw M.D. and Christine Purington M.D. are in the office four hours per day. All undergraduate students as well as graduate students who have paid the basic health fee are entitled to use the facility.

In the event that you should need medical care when the office is closed, you may reach a physician by dialing 756-4301. Leave your name and a number where you can be reached and a physician will return your call. In the event that the need is of an emergency nature call the WPI Campus Police at 831-5555 and they, ac-

companied by the First Responder team, will provide the appropriate assistance.

Heidi, please excuse the typos. This will be the first of what I hope? will be a biweekly column. The Ad that follows should be 1/4 pager.

WPI HEALTH SERVICES HOURS

Mon - Fri 8am to 5 pm
831-5520

PHYSICIANS HOURS

MONDAY 1PM - 4:30PM
J.B. HANSHAW M.D.
TUESDAY 1pm - 4:30PM
CHRISTINE PURINGTON M.D.
WEDNESDAY 1PM - 4:30PM
J.B. HANSHAW M.D.
THURSDAY 1PM - 4:30PM
J.B. HANSHAW M.D.
FRIDAY 8:30AM - 12:00PM
J.B. HANSHAW M.D.
GYNECOLOGICAL SERVICES
by appointment
EILEEN RAFFERTY, FNPC

If you have any questions please call me. Thank you.

JoAnn Van Dyke ex 5520

Dr. Comer to be Keynote Speaker at Convocation

Dr. James P. Comer, renowned nationally for his work in reforming troubled urban schools, will be the keynote speaker at Worcester Polytechnic Institute's annual convocation on Aug. 28 beginning at 4 p.m. in Harrington Auditorium. The title of his address will be "The Challenge of Transition: The Class of 1995 and the Nation."

The all-campus academic convocation was revived last year after a 20-year absence. It signals the start of a new academic year and the welcoming of new students. Members of the WPI faculty and administration, in full regalia, will begin the convocation with a procession into Harrington.

Comer is currently the Maurice Falk Professor of Child Psychiatry and director of the School Development Program of the Yale Child Study Center, and associate dean of the Yale School of Medicine. Over the past two

decades, his School Development Program, also called the Comer Process, has emphasized building relationships based on sharing that brings schools administrators, staff, teachers, and parents together regularly. His program has been used in New Haven for more than 20 years and adopted by more than 100 schools in eight states.

He is a consultant to the Children's Television Workshop and in 1989 participated in a Pre-Education Summit Meeting with President George Bush. Millions of Americans know Comer from his monthly column in Parents Magazine.

Comer received his bachelor's degree from Indiana University, his M.D. from Howard University, and master's in public health from the University of Michigan. He trained in psychiatry at Yale. In 1989 Newsweek named him one of 25 Americans "on the cutting edge" for his ideas about reforming troubled urban schools. In 1990 he received a Special Presidential Commendation. Also in 1990 The Rockefeller Foundation funded a five-year \$15 million project to speed the adoption of his pioneering method for educating at-risk students by funding teacher training programs in the Comer Method. The goal of his program, he says, is to "put in place the mechanisms and attitudes and ways of working that will allow the creativity of the people at the local level to flourish."

Dr. Comer will receive an honorary doctor of science degree at the convocation, previously announced at WPI's 1991 commencement.

Outstanding Teaching and Research Awards Presented at Faculty Honors Convention

The Trustees' Awards for Outstanding Teaching and Outstanding Creative Scholarship and Research were presented at the annual Faculty Honors Convocation in April. Also honored were the Teaching Assistant of the Year, retiring faculty members and graduate researchers.

Robert Long II, associate professor of physics, received the Trustees' Award for Outstanding Teaching. He was cited for "his ongoing search for effective ways to teach physics and for the vast number of students who have been stimulated by what he has already discovered." Long earned his bachelor's and master's degrees at Lehigh University. Since coming to the Institute in 1957, he has served as registrar, chairman of the Physics Department, chairman of the Committee on Academic Policy, secretary of the Committee on Governance, and a mentor to several first-year students. His research and teaching interests are in the areas of science education and the societal implications of technology.

Ryszard J. Pryputniewicz, professor of mechanical engineering, received the Trustees' Award for Outstanding Creative Scholarship and Research. He earned his bachelor's degree at the University of Hartford and his master's and doctorate at the University of Connecticut. He joined the faculty in 1978. Pryputniewicz has been honored as the Russell M. Searle Distinguished Instructor, and is currently the John Woodman Higgins Professor of Mechanical Engineering. He is a leading authority on holographic interferometry and has established his laboratory as one of the world's premier centers for holographic work.

Albert J. Pothier, teaching assistant for the Computer-Aided Design Laboratory since August 1989, was named Teaching Assistant of the Year. Studying for his master's degree in mechanical engineering, Pothier was cited for his dedication, hard work and conscientiousness.

Sigma Xi: The Scientific Research

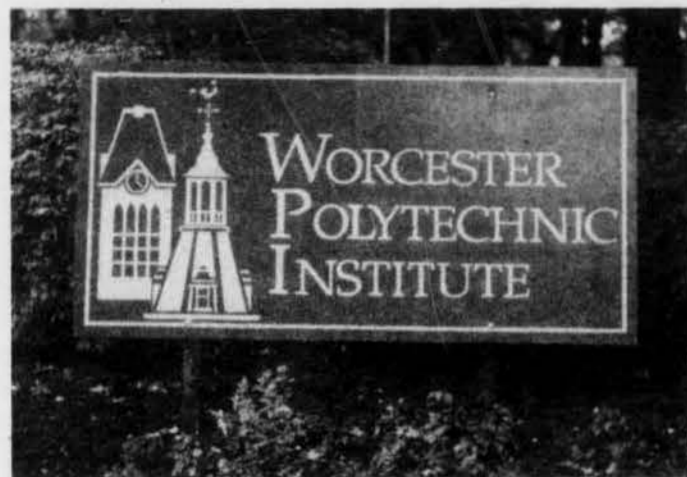
Society presented its Master's Research Award to Damir Juric, a Goddard Fellow whose thesis was titled "An Investigation of Magnetohydrodynamic Flow Phenomena in Non-Newtonian Liquids Using the Finite Element Method." Juric recently received his master's degree in mechanical engineering. Randall A. Briggs, who received his Ph.D. in chemical engineering in May, received Sigma Xi's Doctoral Research Award for his thesis "Oxidation and Reduction of Ilmenite and the Reduction of Pseudobrookite." Alexander A. Di Iorio, who received his doctorate in biochemical engineering in May, received honorable mention in that category.

The convocation also honored retiring faculty members Kenneth E. Scott, professor of mechanical engineering and director of the CAD Lab, Richard D. Desrosiers, associate



Dr. James P. Comer

The Official Newspeak Worcester Map!



You are here.



It's a bird, it's a plane, it's Super Shaw's. Unfortunately, it's too far away to walk.



The Greendale mall is better than the Galleria, but too far away to walk.



The WPI Police Station is on Dean St. (behind Founder's Hall.)



Big D is the only large supermarket within walking distance. It was remodeled last year and is very large.



The Acapulco is open for midnight snacks. Good nachos, and open until 4 am.



Friendly has ice cream to go.



Boomers is a good place for subs to go.



Angela's is a good, moderately priced, italian restaurant.



Theo's Restaurant offers decent food at decent prices.



Strawberries is a reasonably priced store to shop for CD's and cassettes. The Galleria, the closest mall from campus, is within sight.



Spag's (on Rt. 9 in Shrewsbury) is the home of Spag-tacular savings. This place has everything and they only take cash. Everyone must experience Spag's at least once. It is much too far away to walk.



The train station is on Shrewsbury St. immediately past a gas station. Look carefully for the sign, it is easy to miss.



Store 24 is on Highland Street and is open 24 hours a day (hence the name.) It only closes for Christmas Day. Store 24 carries everything you really need, whenever you need it. Like most 24 hour convenience stores, prices are high.



The Boynton is a good place for pizza and subs. They have take out or a sit-down restaurant.



Al Bums on Pleasant Street offers new and used records, tapes and CDs.



The bus station is on Myrtle St.



Most good concerts make a stop at the Centrum because the Boston Garden frequently has sporting events. Within walking distance.

ARTS & ENTERTAINMENT

How to survive college student stress

Taken from Off to College, 1991 Edition, Guidance Research Group, P.O. Box 931, Montgomery, Alabama. Randolph Callin, M.D. Chief of Mental Health Services Harvard University

"The best of times, the worst of times" was the way Charles Dickens described a critical time of transition in 18th century France, and this might well be the way you feel starting off to college. It is a new and different stage of life that in many ways can be very stressful, so let's look at some of the concerns that will come up, what they mean and how you can respond to them. Major areas of potential stress in the transition to college might be identified as the three r's of "relationships," "release" and "responsibility." Regarding relationships there are several points to keep in mind.

First, everyone is to some extent in the same boat; nobody knows it all (although some people deal with their anxiety by pretending they do), nobody is good at everything, and everybody worries to some extent about their competence on their attractiveness. So focus on what you have, not on what you think you may lack by comparison to others. After all, you were selected for admission to college because a number of people along the way found you to be both competent and attractive. When you think about how you appear to others, allow yourself a little healthy optimism. Second, the best way to begin a relationship is to show the other person that you are interested in him or her, rather than assuming that your problems are all that matter, and try to convey to the other person your own enthusiasm about the things in your life that matter to you. In starting a relationship, what you bring to it is far more important than what you take from it. Third, give yourself the opportunity to explore relationships with a variety of people and try not to become exclusively involved with the first person you meet who seems attractive. One of the major advantages of a college experience is the opportunity to find out about other people, people who are different from you and come from different backgrounds: who they are, how they live, what matters in their lives and what you can learn from them to enrich your life. It may be the best opportunity for this that you will ever have, so take advantage of it.

The second r, "release," refers to your newfound freedom from the limits, restrictions, controls, and submission to authority that as a high school senior seem to be an endless source of frustration. You suddenly find that little or no attention is paid by others to what you eat or drink, when you go to bed or get up, whom you choose to be with, what you do or when you do it. At first, this may give you a surge of pleasure, or even euphoria, but for many this may be followed by a sense of isolation or

loneliness. No one telling you what to do sometimes feels as though no one cares for you or about you. There are a couple of points to consider in coping with this kind of stress. First, when you stop and think about the changes in your life, you realize that you are clearly leaving something behind, something relatively secure and familiar—the day-to-day involvements with school, family, friends, and community—and are feeling uncertain as to what you will find to replace it. It is never easy to say goodbye, but this is implicit in going off to college and it is important to think about what you will be getting and how it will help you achieve your goals rather than dwelling on what is being left behind. Again, try to develop a healthy optimism about what lies ahead and decide to get yourself involved in it. Second, remind yourself that you now have a real opportunity to make important decisions for yourself, to take charge of your life and to make it work or you, and this can become a source of great satisfaction. One remainder, however, Robert Frost once defined freedom as "riding easy in harness." Your personal choices still have to be made with respect for the institution or community in which you are involved.

The third r is "responsibility." As you go off to college, you really start to become completely responsible for yourself. You are free to use your own judgment, to decide what values and priorities are right for you, but along with this goes responsibility for adhering to, or acting on, these choices. Campus put it succinctly when he wrote "for the man who does not cheat, belief determines action." Anxiety, responsibility, making choices, and acting in accordance with your beliefs become the ways in which you begin to find out who you are, what your values are, and what your life means to you. These become the basis for a solid sense of self-respect. Pursuing this goal, is however, a source of many potential stresses, often appearing as distortions, temptations, or difficult conflicts. Let's look at three of these that frequently come up at one time or another. First, there is the temptation to try to be "perfect," to press too hard for unrealistic goals, rather than accepting what feels right, what is a reasonable attempt at making your best effort, and recognizing real limitations as well as real opportunities. Take inventory occasionally and ask yourself about your goals and expectations. Second, there is a temptation to focus entirely on competition, winning or losing, as though that was all that mattered. Getting into college is so often competitive that once there, it is easy to forget that the purpose is to get an education, not to win out over someone else. If your future goals require a stellar academic performance as an undergraduate, it is still true that your values should be based on how well you can do making your best effort, not how you compare with someone else. Race car drivers say that the best

driver is the one who comes in first at the slowest speed, but the college experience should not be a competitive race. Even if all the members of your freshman class were in the top ten percent of their high school class, it is unfortunately true that only ten percent will now still be there, and it becomes a rather artificial and narrow measurement. College should become a tool for your personal goals rather than a way of gaining reassurance that you are better than someone else. Third, there is the omnipresent but ill-defined concern about "being a success." It seems paradoxical but many times acceptance to college becomes a major source of stress because it carries with it a set of expectations that you feel you have to live up to, standards to be met, or even roles to be played out, whether they be athletic, social or academic. Sometimes it is even worse, the potential road to success in not even identified or defined, but something "great" is expected, leaving you feeling like the hero in the movie "The Candidate" who waged a successful election campaign following other people's advice, but when he won the election turned to his manager and said, "What do I do now?" By now, I think you have the answer to coping with this type of stress. The goals must be your goals, the decisions and choices must be yours, and you must decide that in the last analysis it is important that you act on your own beliefs. As a result, there may be other people who are disappointed, but it really doesn't make much sense to spend your life trying to please other people. Finally, some thoughts about coping with stress in general. A good maxim to remember is "don't get frustrated, get curious." Instead of dwelling on why does this have to happen to me, or worrying about all sorts of possibly disastrous consequences, try stepping back mentally, thinking about how things got the way they are, what other possible alternatives might be available besides the "impossible one," and if all else fails, envision your worst possible scenario. How bad is it in reality; is the rest of your life really going to be ruined, as you imagined, or can you in the long run perhaps compensate for this "failure" or "disappointment" and feel worth while again? You may find that your imagination has played

tricks on you so that things may become unnecessarily exaggerated or distorted, and you have overlooked the possibility of alternative actions. Try imagining how someone else whose competence and experience you respect would handle the situation, or even ask yourself what advice you might give to someone else with your problem. Obviously, there are times when introspection and self examination become too difficult and complicated to deal with alone and at that time turning to a professional counselor or or psychotherapist is an intelligent step to take. Remember also that there will always be the temptation to place responsibility outside, finding someone else who can be blamed or who should have either prevented or solved the problem. As humans we are inordinately sensitive to feelings of shame or guilt and will use every means to avoid these. But this is a distortion of the real issue, which is not to fix the blame but to find solutions, and blaming either yourself or someone else is counterproductive and only adds to the stress. Again, the solution is to take responsibility for responding yourself as constructively and realistically as possible, to focus on what you can use, not what you may lose. Every college year has its unique stress. The freshman's concern for acceptance and adequacy; the sophomore's having to confront choices of concentration and lifestyle; the junior's tendency to apathy and/or conflict about the meaning of it all; and the senior's growing awareness of the uncertainties to be faced in the "real world" and, at year's end, saying goodbye. Remember that you always have choices that you can make as you go along. You don't have to be the victim nor do you always have to be a winner. By maintaining a healthy optimism, based on reminding yourself that you really have a good deal going for you, a personal curiosity, so that you see more clearly what things really mean to you, and an acceptance of responsibility, so that you stay in charge of your life, you will find that you can cope with stresses rather than avoid them, and you will be in the best possible position to make going off to college one of the most rewarding and satisfying experiences of your life.

College Fest of Worcester - Be there!

by Chris Eddy
Class of '91

The beginning of this school year will be a little different than most. For the first time ever, Worcester will be holding a College Fest. This College Fest concept, which has been working well in Boston, promises to be an exciting way to start off the year here in Worcester.

The nine colleges in Worcester County have been working together, with the help of the Chamber of Commerce and the Centrum, to produce a weekend packed with events sure to entertain everyone. The dates of the event are September 12-14, so mark your calendars. Some of the highlights of the weekend are an under 21 party at Clubland with a lot of items

to be given away (actually, the whole weekend is filled with freebies), a beach party at the Centrum, comedian Steven Wright at the Centrum, free midnight movies at Showcase Cinemas, a pizza party, the American Gladiators, a barbecue and much more!

What's even better is that the entire weekend is free to students who have the neon green College Fest button. The buttons will be distributed on each campus during the weeks before the event. This weekend will be an outstanding opportunity to meet students from all the colleges in Worcester, as more than 5000 students are expected to attend the events. Don't miss out on College Fest - it will be one of the best weekends you'll spend in Worcester.

SAS sponsors traditions picnic

WPI is an institution rich in traditions. From the Freshman-Sophomore Rivalry to the Story of the Goat's Head, student and academic life at WPI have long been enhanced by rituals and customs passed down through generations of "Tech" students.

As part of Orientation this year the Student Alumni Society (SAS) will sponsor a "Traditions Picnic." The SAS is a student organization whose mission is to provide service to the WPI Community through projects, programs and events that are useful to the Institute and to develop an awareness among undergraduates of the traditions of WPI.

At the picnic, freshmen will hear the colorful history of the Goat's Head Tradition and catch their first glimpse of the Goat's Head

(given to the school by the Class of 1893 at their 35th reunion.) Those who attend the picnic will also receive a copy of the Tech Bible. Another WPI tradition, the Tech Bible was first published in 1897 as the student handbook for freshman. Last year, the Student Alumni Society revised the Tech Bible to include a history of the Institute, its traditions and its campus. The Tech Bible is given to freshman at Orientation and is available to all students on Traditions Day.

Finally, the Student Alumni Society will continue its own tradition of passing out "Good Stuff Kits" to freshman. Good Stuff Kits include survival items that make the transition to campus life a bit easier.

**DON'T WALK
ALONE**

CALL AN ESCORT

SNaP
security
night patrol

831-5566

Campus Police
831-5433

Worcester Polytechnic Institute
Worcester, Massachusetts

ARTS AND ENTERTAINMENT

Roger Gillen to sing in Gompei's Function Room

Roger Gillen, the latest of Ireland's exceptional singer/songwriters, is breaking into the American music scene. Roger and his new band, formed through the assistance of Imago Records, has successfully learned to intermingle the traditional sounds of acoustic-folk music with fresh progressive rhythms. Many of his original songs focus on the political and social issues relevant to our time.

At the age of nineteen, Roger won the National Talent Search of Ireland by singing his own song. It was soon evident that Roger is a unique talent. This led to his appearing on major television shows and in large theater houses. Roger left his native Ireland to study music at the University of Missouri. Since then, he has moved to New York, where he has caused quite a stir on the New York City concert circuit. He

has gained interest from several record companies and recently worked with producer Malcom Burn.

Roger's most recent credits include showcases at both the NEW MUSIC SEMINAR and the COLLEGE MUSIC JOURNAL convention in New York City. He has also been featured on "BMI Live," a nationally televised program for new musical artists.

ROLLING STONE magazine is featuring Roger Gillen in the "New Faces" section of the April 1991 issue. Roger Gillen is definitely a new face and a new voice you won't want to miss.

Roger will be performing on Sunday, August 25, from 9:30pm - 11:00pm in Gompei's Function Room. This event is sponsored by the Social Committee.

Jimmy Tingle to perform on Parents Day

As a highlight of Parents' Day '91, comedian Jimmy Tingle will be performing his one man show, "The Education of an American Comic" at 7:00 pm in Harrington Auditorium on Saturday, October 5. This event is being co-sponsored by the Social Committee and the Student Life Office.

Tingle is a political comic who leaves the audience questioning rather basic political hap-

penings. The Boston Phoenix wrote "Tingle cuts through official rhetoric and asks pointed questions. Of Reagan and Bush, who can't remember the extent of their involvement in the Iran-Contra, he asks, 'Next time you sell arms to someone who takes hostages, can you jot it down? Leave a note on the refrigerator?'"

Parents and guests are invited to attend Tingle's show as part of Parents' Day '91.

What is the WPI Major Selection Program?

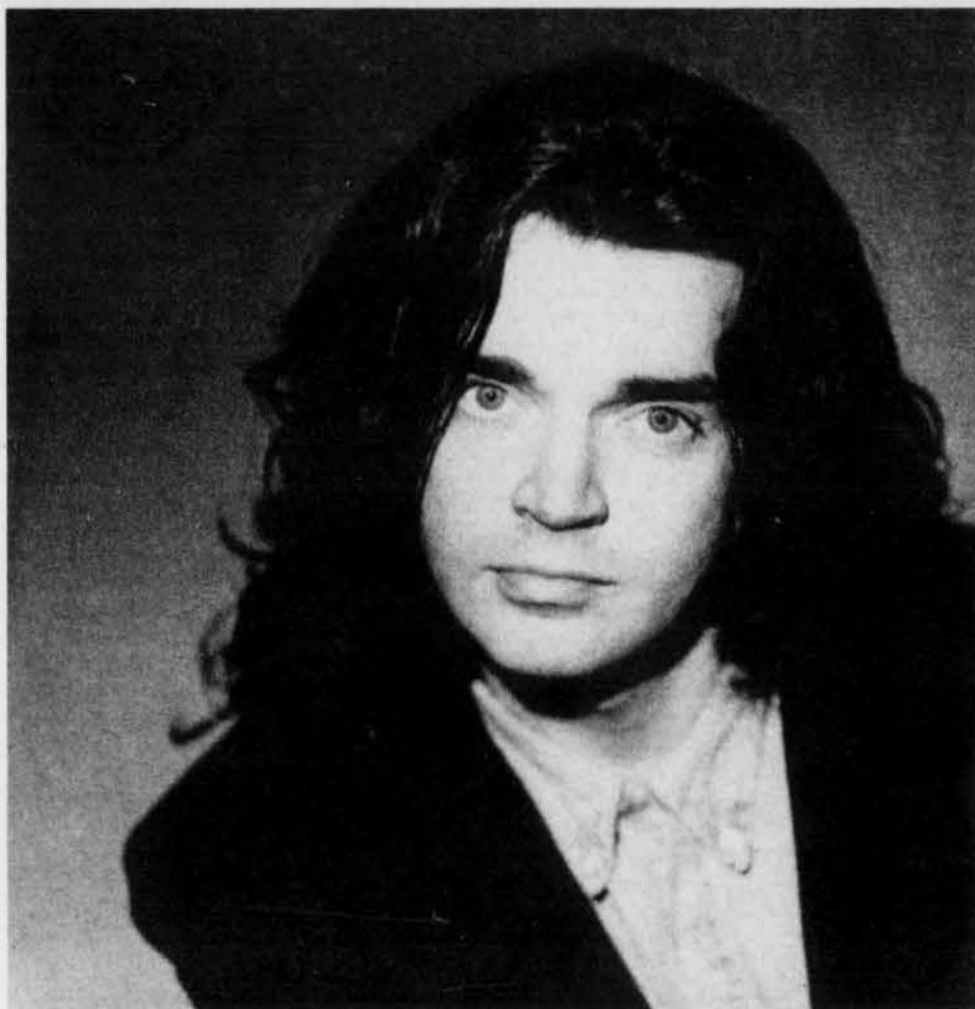
Virtually every college sees at least half of its students change their major at least once before graduation. In order to meet the needs of students who are uncertain about their major and/or career goals, WPI offers the Major Selection Program.

As a freshman, you might be in one of three categories:

1.) You are confident about your present choice of major and have a good idea what your career plans are. Congratulations.

2.) You're confident about your choice of major but not so sure about career options related to that major. In this case, you might find some of the services of the MSP helpful, such as the collection of career videotapes or the opportunities to talk with WPI alumni.

3.) You've chosen a major but you're not sure it's the right one. You might consider enrolling in the MSP minor (course #FS1000) which meets on Wed. at 2:30 during A term and provides you with information on the full range



Irish singer Roger Gillen to play Gompei's on August 25.

of majors available at WPI.

Regardless of which category you're in, keep the MSP in mind and take advantage of any aspect of the program you find helpful. The MSP also offers interest testing, individualized counseling and peer advisors. Join us at the MSP OPEN HOUSE on Wednesday, August 28th between 9:00-11:00a.m. For more information about what the MSP has to offer. The MSP office is located on the 1st floor of Boynton Hall.

Join Newspeak


Come try the

OUTRAGEOUS OBSTACLE COURSE!


Friday, August 30, 1991
10 AM - 3 PM
On the Quad

Who will be the WPI
champion?

Sponsored by
WPI SocComm



He was their inspiration.
He made their lives extraordinary.



ROBIN WILLIAMS
DEAD POETS SOCIETY

"A rich and fascinating movie - Robin Williams is perfection."
Dennis Cunningham, CBS-TV

"I want to hold a parade and send off fireworks to celebrate Peter Weir and everyone else who contributed to the creation of Dead Poets Society, one of the most magnificent motion pictures I have seen."
Gene Shalit, Today Show

Showing Sunday, August 25th
10:00 PM
Perreault Hall

ARTS AND ENTERTAINMENT

The History of Orientation at Worcester Polytechnic Institute

Times have changed with regards to freshmen orientation. During orientation freshmen are no longer required to wear a "freshmen cap," cross West Street by the Earle Bridge only, carry the Tech Bible at all times with their name and hometown in 2" letters. This article presents a look at the past orientation programs.

During the 1960's, before WPI had started to admit women (1968), orientation was called "Freshmen Week" and consisted of a five day program beginning around the second week of September before classes started. All freshmen were given a clear set of "Freshmen Rules" upon their arrival. After moving their son into his "dormitory," parents were invited to attend a general session about WPI and an hour reception before departing for home. Freshmen, on the other hand, were in store for a series of programs intended to have them "meet faculty and administration and become acquainted with students and Tech Traditions." These programs included assemblies, meetings with academic advisors, receptions, presentations on extra-curricular activities and numerous social activities. One of the consistent programs during the 60's was the Opening Convocation in Harrington Auditorium with the institute's president presiding.

"Freshmen Week 1970" began the decade of starting freshmen orientation the first week in September for three or four days before classes began and then continuing with more social programs to close out the week. Contact with faculty remained relatively restricted to a freshmen's faculty advisor or a faculty member who temporarily filled that role. There were general sessions by the academic deans about faculty advising and WPI's Plan. For unknown reasons, there was a significant decline in those activities which were "traditional" including the omission of the Opening Convocation (al-

though it was held in 1979) and Freshmen Assembly. In 1973, WPI began participating in the Higher Education Research Institute's Cooperative Institutional Research Program (CIRP) which it has continued to administer to all incoming freshmen ever since. By the late seventies, a separate transfer orientation program had been developed and a few programs especially for women (i.e., The Big Sister/Little Sister Program) had been added.

In an effort to meet the changing needs of WPI's student population, with particular concern for the lack of attention previously given to parents, the orientation program in the 1980's took on a significantly different format which included a three day summer orientation program in June, in addition to the more traditional three day

arrival program. A pilot program was implemented in 1981 to bring to campus on two successive weekends in June 150 students and 300 parents. The programs for students and parents were designed to take place simultaneously with as little contact as possible between them during the two day period. Both groups were exposed to significant contact with with upper-class students, faculty and administration with one of the major goals being that of learning about the WPI academic program and becoming familiar with the campus environment. The program content was comprised of a variety of activities which included informal social sessions, presentations of projects by faculty and students, and sessions on student life, campus support services, academics and the

changing student/parent relationship. The topic of transition to college life was consistent throughout the program.

Due to the overwhelming success of the pilot program, WPI moved to a mandatory June program in 1982 for all freshmen with the parent program included. This program was attended by upwards of ninety percent of the freshmen class and approximately seventy percent of their parents. The program received extremely positive evaluations by both parents and students. The fall arrival program continued to contain information about financial aid, registration, and co-curricular activities. There was also a concentrated number of social opportunities during the first week. International students and transfer students main-

tained independent fall orientation programs only.

By the end of the 1980's, the desire to include additional programs to the summer program made it difficult to remain within the program's original two day format. In addition, the demographics of entering freshmen had changed with almost forty percent coming from outside of the New England area making it difficult for students and their families to attend a summer orientation program. The desire to revisit the term "new student" to include international students and transfer students also suggested a return to the expanded fall program format which currently exists.

If Only I'd Known... taken from *Off to College*, 1991 edition

...I'd have to learn to sleep with the lights on, the radio blaring, and the phone ringing.

...my old car takes twice as much money and time to keep running away from home and that it's not too bad to walk sometimes.

...college isn't all fun and games. It's hard work and takes a lot of self-discipline.

...how lonely a Saturday night can get.

...I'd need an iron and the know-how to use one.

...everybody's human and I'd have to learn to live with different kinds of people.

...I could and should have learned to type.

...there'd be no one to tell me to do my homework before I turned on the TV or read a book.

...to be more aware of current events so I wouldn't be so stupid at bull sessions.

...to forget college and get a job.

...it's not so hard as I thought it would be because it's interesting.

...to be really open to new, controversial ideas, not necessarily to accept them but to evaluate them.

...that my prejudices would come out, even though I thought I didn't have any. I have to admit to them and get rid of them.

...not to get so busy that I don't have time for people.

...that getting used to a roommate is like getting married without being engaged. It takes a great deal of compromise, lots of give and take, to live with one person. I should let those minor irritations go by, but if something really important bothers me, I should talk it over with my roommate.

...that I shouldn't be afraid to ask questions.

...that there is no little brother or sister to get mad at when things go wrong.

...that the best way to study is

without any form of distraction, e.g. radio, people, etc.

...how to make best use of my time - what things are most important and therefore need to be done first.

...that college isn't as hard as everyone makes it out to be.

...that everyone complains about the food, but it's really pretty good.

...that I shouldn't go everywhere and do everything with my roommate or we'll soon be at each other's throats.

...that if I keep up with my reading, I can avoid the last-minute panic.

...that the way to remember is to review, review, review, whenever possible.

...to expect loneliness. It takes time to get past superficial relationships and form close relationships.

...that the people I thought at first would be great friends may turn out not to be.

...not to judge people by their looks or reject them for what they say, but be ready to accept differences.

...that people who said I'd have a good date life weren't necessarily right.

...how much I'd change, so I could get my parents used to the idea.

...that I could save a lot of money by buying used books from other kids.

I SHOULD HAVE KNOWN...

...to read more in high school and learn to read faster.

...that if you wait until vacation to catch up on your schoolwork and sleep, you'll get neither done and will ruin your vacation to boot.

...what it's like to be completely on my own, making all my own decisions.

...what kind of clothes are worn at this particular school. Here everyone dresses casually.

...to take it as it comes. That I shouldn't get uptight before I even know what's going on. Play it cool.

...that it's terribly easy to become apathetic.

...that there's more to learning than just what happens in the classroom, or while I have my nose in a book. Learning comes from what happens in the classroom, as well as outside the classroom.

WHY DIDN'T I REALIZE...

...that I would need so much more money than I had expected. All the little things that you usually forget about add up quickly!

...that I should take advantage of campus events like concerts, clubs, and discussion groups. Not only does it round out my personality, and make me a more interesting person, but there is also the chance of getting a date with someone I meet there.

...that the best education comes from getting to know people, not just books.

...That the most important thing I should try to learn is to think and solve problems and get to know myself, accepting myself as I am.

Tim Settmi: A Renaissance Performer

Tim Settmi will bring his unusual comedy routine to WPI this Tuesday, August 27. His show will take place at 7:00pm in the Quad. The event is co-sponsored by the interfraternity and panhellenic councils.

"I'm not a joker," declares Tim Settmi, who considered himself a renaissance performer. "I'm a visual act. I don't tell a single joke in my act."

Not a single joke in his act, yet Settmi was the inspiration for the Coors Light Comedy Commandos, a tour in which he participates. "I started out as a street performer," he explains, "and used to wear white mime makeup, but I haven't worn it in 15 years. That is where my training started. I don't wear the makeup anymore because I sweat too much, it falls off, and

the audience looks like 101 Dalmatians."

That was a good joke, Tim.

So who is this renaissance man? For starters, Settmi has won a record five straight NACA artist of the year awards, 1984-1988, after winning the novelty/variety artist award in 1984. Then he won the coveted NACA campus entertainer of the year award earlier this year.

Settmi started out as a rock 'n' roller, and when he reached the college market, he was a mime. "Mime fell out of favor," he informs, "so I had to struggle with that label for a while. Then I got into comedy, but I also do other things in my show. I'm a contemporary clown, but clown in the real traditional sense which allows me to do

anything I want. I'm a pretty visual performer who is getting very musical again. It has come full circle."

In other words, Settmi is working on a new album and a rock 'n' roll musical with a story. "I'm a bartender in a lounge," he offers about the concept, "and I do monologues about the people who come and go. Each song is done in a different style. There's a Steely Danesque song about the ultra-hip crowd people with sports cars, silk jackets, and little vials of drugs. There's a rowdy, sloppy Georgia Satellite song, 'Running Wild,' about a factory father. And 'Girls Night Out' is a smooth jazzy-song like Michael Franks and Al Jarreau."

On the touring front, Settmi skates, does slapstick, ventriloquism (em-

playing a clown's nose), caricatures, and song parodies. For the past few years, he has mostly been playing colleges since he can make as much money with one college concert than with a week at a comedy club. "And I don't have to stay at a comedy condo," he adds. "I stay in a nice hotel and am treated like a king."

In fact, Settmi has been so busy that he has not been home in more than ten months. Today, though, he is off and so it is laundry day. He realizes that he has been oversaturated on the college circuit but wanted to win the NACA campus entertainer of the year award before moving on. "Now it's time to get out," he says. "It was a like a carrot dangling in front of me. Colleges are a great buck; it's really hard to turn them down."

Settmi has shied away from comedy clubs because he cannot do his full one-and-a-half to two hour act in the clubs. "Comedy owners want yuks," he maintains, "and there's a zillion straight stand-up comedians. I'm a renaissance performer who does a lot of different things in different fields of expression."

Settmi is hoping to take his act to theaters around the country with extended one or two week stays. He feels that his college popularity will extend beyond campuses with a college and college-graduate base. "It's like MTV," he says about his performance, "but you don't have to watch a screen. It's live. It's physical, visual and rockin'. The music industry wasn't ready for me fifteen years ago. Peter Gabriel, when he was with Genesis and wore his make-up, was the closest to what I was doing."

While Settmi hopes to go beyond college popularity, he is not turning his back totally on colleges. "Colleges are the best training ground for performers outside of stand-up clubs," he states. "Colleges have become the vaudeville of the second half of the century."



Tim Settmi is bringing his one-man-show to WPI.

If you would like to join Newspeak, drop a note to Box 2700 in the mailroom.

ARTS AND ENTERTAINMENT

Greek Life at WPI

In 1886 the first fraternity, Phi Gamma Delta, was founded at WPI. The first sorority, Phi Sigma Sigma, appeared in 1977. Since that time, interest in Greek life at WPI has grown tremendously and now totals approximately 35 percent of the entire student population. "Greeks" actively recruit new students to join their system during the fall and spring through a process called "rush."

The decision to join a fraternity or sorority is very personal and should be based on an individual's over all desire to "become Greek" as well as his or her desire to affiliate with one particular chapter. WPI currently has ten recognized fraternities and three recognized sororities, all of which are "nationals" as opposed to "locals." This means that each fraternity or sorority has a "parent" organization that established its rules and standards. Many of the chapter's headquarters are located in Indianapolis.

The governing bodies of the Greek system are called the Interfraternity Council and the Panhellenic Council. These groups are made up of representatives from every fraternity and sorority and establish the rules and guidelines for the Greek system. Rush rules have been clearly articulated for new students and will be distributed during the Greek Expo for fraternities and during formal rush for sororities.

The Interfraternity Council and Panhellenic Council require that all new students wishing to join the Greek system or who are thinking about it, complete the "Academic Release Form" during academic registration. By signing this form, new students agree to allow the Registrar's Office to identify him or her as being academically eligible to join a fraternity or sorority. This means that new students must be showing "academic progress" which for A-Term is defined as passing 2/3 units. This process is consistent with the Interfraternity and Panhellenic Council's desire to support

the academic mission of the institute.

New students curious about the WPI Greek system are encouraged to read more about it in the Student Handbook (available through the "emacs info system"), attend the Greek Expo or Sorority Informational, visit individual chapters during house tours, and talk to upperclassmen about their personal experiences with the Greek system. Specific questions can be addressed to Scott Borges, Box 2424, IFC Rush Chairmen or Tara Zaharoff, Box 1772, Panhel Rush Chairperson.

The Interfraternity and Panhellenic Councils welcome new students to WPI.

Bill Miller to play on Parents Day

Bill Miller will be appearing on Friday, October 4 at 8 pm in Gompei's Function Room as a preview event to Parent's Day '91. Miller plays what is described as "contemporary acoustic music combine[d] with a series of story-oriented, slice-of-life gems to create a fresh, original sound which celebrates the triumph of the human spirit".

Bill says that in his music he tries to identify with the environment that he grew up in. That environment was the Stockbridge-Munsee Indian Reservation in Wisconsin. Bill grew up very poor on the reservation, the oldest of

nine children of an American Indian father and German mother. When Bill was twelve his father scraped the money together to buy Bill a guitar, and Bill taught himself to play.

This past creates the background for his lyrics, which pour "out as a synthesis of song, voice and instrument."

Now, while traveling around the U.S. and sometimes Europe performing, "he collects images, capturing those intimate snapshots of human relationships and of what Bill calls 'Extra-ordinary' people."

"I like to call them 'Extra-ordinary' because I view each person as having

special gifts that we don't necessarily see on the surface." Of his music, Bill says "My job is to share myself, to get my feelings out in my songs, it's partly for the audience, and partly to maintain my own courage."

Since moving to Nashville six years ago, Bill has released three albums, including "Old Dreams and New Hopes" and his latest effort, "The Art of Survival".

This event is sponsored by the WPI Social Committee.

Music Review: *Fireball Zone* by Ric Ocasek

by Joe Parker
News Editor

Ric Ocasek, "Fireball Zone", Reprise Records

Produced by Nile Rodgers; Rockaway, Touch Down Easy, Come Back, The Way You Look Tonight, All We Need Is Love, Over and Over, Flowers of Evil, They Tried, Keep That Dream, Balance, Mister Meaner, Fireball Zone

In 1987 Ric Ocasek broke up one of the most successful bands ever to come out of Boston, The Cars. Most people would recognize Ric Ocasek as "the guy on the fly" from the Car's very successful video to "You Might Think". Other people recognize him as the force behind the Cars' successful music. He wrote the lyrics and music to all of the Cars' songs.

Now Ric is back with "Fireball Zone," an album which he states is supposed to break him out of the mold he created for himself in his former band. He is also hoping that this album fares better than his two previous attempts at solo albums, 1982's "Beati-

tude" and 1986's "This Side of Paradise".

His attempt to break out of the mold has been mostly successful. This is apparent from the opening licks of "Rockaway", an upbeat rocker which doesn't necessarily set the tone for the remainder of this album. This is not like anything he wrote for the Cars' or for his previous albums.

Ric's first album could best be described as "bizarre" and his second as "laid back", but I would describe "Fireball Zone" as a "rock album, with several different styles and influences." Each track is very listenable, all with catchy hooks and riffs, making for a very enjoyable hour of listening.

The album starts with "Rockaway", whose short staccato chords and disjointed lyrics instantly point out a departure from Ocasek's normal style of writing.

The album continues with "Touch Down Easy" whose verses and chorus, while of totally different melodies which at first would not seem to come

together at all, produce very catchy song.

Third comes "Come Back", which I would say is the closest to anything one would expect from a Cars' album. It is very dependent on the keyboard and acoustic guitar to create its very melodic sound. I would almost guarantee this song as a single.

Side two begins with "Flowers of Evil", a darker song than those found on the first side, which seems to be making a statement about the problems in the city Ocasek currently calls home, New York. "Flowers of Evil" sets the tone for a much darker side, lyrically and in some cases, musically.

"They Tried" is about people trying to control others, which because of its catchy, upbeat melody which belies its lyrical subject could get airtime as a single. "Balance" is a song which uses harsh chords and an eerie melody comprised of minor tones to get its feeling across.

The album is rounded out with "Mister Meaner" and "Fireball Zone"

which also have a dark ominous sound about them.

As I stated earlier, although the album has a darker feel about it, all the songs are written well, and the recording is excellent. The reasons for the change in sound could be numerous. This is the first time Ocasek has worked with producer Nile Rodgers, who would have brought his ideas of a particular sound and style to the recording. Ocasek also worked with a band which Rodgers brought in, which would create a different sound and style.

Ocasek has released an album which due to its sound differences should fare well on the charts and gain a new Ocasek following, while avoiding alienation of the older fans. I would highly recommend this album, whether you are an older Ocasek fan or not.

If you are interested in writing music reviews, you can get full information by writing to Joe Parker c/o Newspeak at Box 2700.

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at the

MAJOR SELECTION
PROGRAM CAREER
RESOURCE LIBRARY
3rd floor of Boynton Hall

Wed. August 28, 1991

9:00 - 11:00 AM

Refreshments will be served.



New Students!

Look for your free
button and flyer coming
soon to your mailbox! A
button is your
admission ticket to all
events.

RELIGION

Welcome from Worcester Area Campus Ministry

Dear New Students:

On behalf of Worcester Area Campus Ministry (WACM), I want to welcome you to WPI and all the new and exciting experiences that lie ahead for you.

I can guess that you are feeling many types of emotions all at once: excitement, fear, hope, and maybe a little homesickness. Be assured that most of us have entered college feeling the same way and survived. I hope that you will not only survive, but thrive in the coming years.

WACM is the Protestant Catholic Ministry at WPI. We represent the

Catholic Campus Ministry

The Catholic Campus Ministry is sponsored by the Roman Catholic Bishop of Worcester. CCM is pastoral, educational, and prophetic, involving a complex of efforts to give witness of the Christian message to all people within the university setting. It promotes a theological study and reflection of humanity's religious nature. It seeks to bring young people of faith in contact with each other so that there will be a sharing of faith, hope, and love. It maintains a full-time priest on the WPI campus. It is responsible with the Newman Club for Sunday masses on campus (11:30am - Wedge and

mainline churches (American Baptist, Lutheran, Methodist, Presbyterian, Episcopal, and United Church of Christ). If you are interested in finding a church to attend, I can put you in touch with several ministers and churches in the area. We also offer Bible Study on Tuesdays at 5:30 at the College Religious Center at 9 Schussler Rd.

I want to extend a special invitation to a new program we call **First Tuesday at First Baptist**. On the first Tuesday of every month, you are invited to come to First Baptist Church at 5:30 for a spaghetti supper and a time to meet people and have a good fellow-

6:00pm - Founders) plus Holy Days and weekday Masses. Bible studies, Prayer groups, etc. are part of CCM activities.

Maybe the best way to describe CCM is to refer to it as the Catholic Parish on campus. It is responsible for all the activities that you would find in any Catholic parish.

The priest of this Catholic community is Father Scanlon who is located at the Collegiate Religious Center, 19 Schussler Road. Father's phone number is 757-6097. Feel free to visit or phone him anytime.

ship. Our first program is **Tuesday, September 3rd at 5:30**. First Baptist church is located right down the hill from WPI on Salisbury St.

My office is located on the second floor of the Religious Center. I am always in on **Tuesday mornings**; please come by and chat. Or stop by the Listening Post in the Wedge Tuesdays

WPI Newman Club Information

The WPI Newman Club is composed primarily of Catholic women and men at WPI. However, membership and activities are open to all students regardless of their faith. The Club conducts cultural, spiritual and social events, like retreats, days of recollection, trips to Boston and New York, Appalachia in Worcester (working with a homeless project), and cook-outs, just to name a few. One of its main purposes is to define and make relevant the role of faith-based individuals in today's rapidly changing society.

The officers for this year are:

President: Paul F. Ormond

(Box 542)

Vice President: Jeffrey D. Rembold

(Box 2468)

Secretary: Aureen C. Cyr

(Box 772)

at lunch time for a chat. You can reach me by phone at 1-800-812-8185; leave a message and I will call right back.

On **Saturday, August 25 at 5:00**, there will be a special **Vesper Service** for Protestant students and their families at the Religious Center at 9 Schussler Rd. I hope you will come for the service and so we can get ac-

quainted.

Again, Welcome. Please know I will keep all of you in my prayers and look forward to meeting you this year.

Shalom,
Stephen Brown

The chairpersons are:

Eucharistic: John F. Carty

(Box 1666)

Folk Group: Mary Agnes Beals

(Box 2440)

Social: Keith D. Hodsden

(Box 2276)

Kathleen M. McKenna

(Box 1734)

Hospitality: Robert P. Martino, Jr.

(Box 1989)

Steven C. Sousa

(Box 224)

International: Terence Crochetiere

(Box 2571)

Rosana A. Espino

(Box 1588)

Greek: Jorge Figueroa-Arroyo

(Box 2984)

Jennifer J. Shiel

(Box 764)

Graduate: Paul Muller

(BE Department)

The senior advisors are:

David M. Andrade

(Box 1663)

Matthew S. Dykhoff

(Box 2208)

Jeffrey R. Levesque

(Box 144)

Theresa A. Schmidt

(Box 104)

The officers and chairpersons form

the executive committee of the club.

Please feel free to contact any of the officers if you desire more information or watch the bulletin board for our signs.

Area Churches and their schedules

First Baptist Church

111 Park Ave. 755-6143

Sunday Schedule

10:00 Worship Service

11:00 Oatmeal Class for young adults

Staff

Rev. Michael Scrogin, Senior Pastor

Rev. Barbara Ward, Associate Pastor

Mr. Gary McCaslin, Dir. of Chr. Education

Mr. Barclay Wood, Min. of Music and Arts

First Presbyterian Church

125 Holden St. 852-2111

Sunday Schedule

9:30 Church School Classes

10:30 Worship Service

Staff

Rev. James Rand

Trinity Lutheran Church

73 Lancaster St. 753-2989

Sunday Schedule

8:00 Chapel worship - Communion every week

9:00 & 11:00 Worship in main sanctuary

10:00 Adult Forum

Staff

Rev. Paul Kennedy, Senior Pastor

Mr. Steven Long, Minister of Music

Ms. Carolyn Bare, Dir. of Edu. and Youth

Wesley United Methodist Church

111 Main St. 799-4191

Sunday Schedule

8:30 Chapel Worship

9:30 Church School for all ages

10:30 Sanctuary Worship

Staff

Pastor Richard Black

Pastor Stephen Alspac

Pastor Estelle Kay

All Saints Church (Episcopal)

10 Irving St. 756-3766

Sunday Service

7:45 and 10:00 Worship

9:00 Adult Forum

Staff

Rev. Clyde Cox, Rector

United Congregational Church

6 Institute Rd. 752-3785

Sunday Service

9:30 Church Education for all ages

10:30 Worship Service

Staff

Rev. Fred Anderson

Rev. Margaret Gifford

First Unitarian Church

90 Main St. 757-2708

Sunday Schedule

(2nd Sunday in Sept. thru 2nd

Sunday in June)

10:30 Worship Service

Staff

Rev. Barbra Merritt, Pastor

Diane Mirmick, Religious Ed. Dir.

Will Sherwood, Choir Master

The WPI Social Committee Presents

LITTLE FEAT IN CONCERT

Saturday, September 28th

8 PM

Harrington Auditorium

Ticket Information

\$8.00 WPI Students

\$10.00 Alumni, Consortium Students, WPI Faculty/Staff

\$12.00 General Public

Tickets will go on sale shortly at the Daniels Hall Ticket Booth

A Homecoming 1991 Event

WPI Alumni Association
**HOMECOMING
 WEEKEND**
 September 27-28, 1991

A WALK THROUGH WPI HISTORY...

**Friday
 September 27, 1991**

- 7:00 PM - 8:00 PM **Comedy Hour with Nancy Parker** - Gompel's Place
 One of New York's top female comedians. Ms. Parker has made over 150 college appearances nationwide. Don't miss it! \$2.00 at the door
- 9:00 PM - 11:30 PM **Goat's Head Pub Revisited** - Gompel's Place
 Take a walk on the wild side...the traditional Goat's Head Pub once again comes alive! Meet your WPI friends, enjoy great music, and be a part of this new Homecoming tradition. Co-sponsored by the Worcester County Alumni Club. \$4.00 cover at the door, cash bar. (I.D. required)
- Class of '91 Zero Reunion** - meet at Gompel's!

**Saturday
 September 28, 1991**

- 9:00 AM - 1:30 PM **Walk on By...** information, refreshments, tickets available in Harrington Auditorium.
- 9:30 AM **Morning Workout** - Alumni Field
 * The Annual Alumni Soccer Game
 * 14th Annual Frank Sannella Memorial Road Race (\$5.00 entry fee)
- 9:30 AM - 12:00 noon **All About WPI** - Admissions Office open for prospective students - Boynton Hall.
 Group Sessions: 9:30 AM and 11:00 AM
 Campus Tours: 10:30 AM and 12:00 noon
- 10:00 AM **A Walk About Campus** - Campus tour for Alumni and Friends
 * Departs from Harrington Auditorium.
- 10:30 AM **Varsity Soccer** - WPI vs. Trinity - Alumni Field
- 11:30 AM - 2:00 PM **Homecoming Festival on the Quad**
 * Clowns, Jugglers, Face Painting
 * The Musical Sounds of the WPI Stage Band
 * Create your own picnic. A variety of foods will be served on a "pay as you go" basis. Look for red & white awnings.
- 11:30 AM **The Annual Student Parade of Floats**
- 11:30 AM **Class of '86 5th Reunion** - Higgins House
- 12:00 noon **Dedication of the Centennial Walkway**
 Join the WPI Alumni Association in celebrating 100 years of alumni involvement with the Institute. Over 3,400 alumni, faculty and friends will be represented in the walkway.
- 1:30 PM **Varsity Football** - WPI vs. RPI - Alumni Field
 Tickets available at the gate. (Children under 12 free)
- 4:30 PM (approx.) **Freshman - Sophomore Rivalry** - Walk on down to Institute Park for the Traditional Rope Pull.
- 4:45 PM - 6:00 PM **A Walk Through Higgins House...**
 Homecoming reception for Alumni and Friends. Hors d'oeuvres and cash bar. (I.D. required)
- 5:30 PM **Athletic Hall of Fame** - Founders Hall
 Reception, Dinner & Induction Ceremony with special guest, Richard D. Schultz, Executive Director of the National Collegiate Athletic Association. (Advance reservation required)
- 7:00 PM **Class of '71 20th Reunion** - Higgins House
Class of '78 15th Reunion - Clarion Suites Hotel
Class of '81 10th Reunion - Holiday Inn Worcester

HERE YOU FRESH-MEN STOP=LOOK=LISTEN

WE the unconquerable, unabashed, mighty and most respected class of THIRTEEN welcome you, cringing, cute and entirely unheard of infants.

WE add hereto certain time-honored rules which you will obey or be prepared to pay the penalty of our displeasure, which twice aroused will take the usual form, which is most dampening to the spirits.

YOU SHALL

1. Uncover to all professors and instructors wherever you chance to meet them
2. Wear the caps which WE furnish.

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YOU SHALL NOT

1. Smoke on Tech Hill
2. Wear corduroy trousers.
3. Wear cuffs on your trousers - (turn 'em down - now).
4. Gather for any purpose whatsoever on the steps of the Electric Lab.
5. Wear prep school numerals or letters.
6. Be seen on Main Street after 10:30 PM, except in the company of upper classmen.
7. Print numerals with chalk or paint on any building, walk, stone or fence.

AND REMEMBER!

However indispensable you may have been to your prep school, keep in mind, Tech has existed many years without, and we are all from Missouri. If you are any good we'll find it out; if not, toddle back home to mother.

Now come in, you indolent, insignificant, penny-pleading, prating, prattling Freshies, and respect, imitate and be humble before your superiors, the class of

1913

NEWS

New student orientation: A World of Opportunity

Welcome to "a world of opportunity." New student orientation 1991 begins on Saturday, August 24 and concludes on Thursday, August 29 at the Flag Raising Ceremony on Beach Tree Circle. Over 2000 parents, new students and guests are expected to attend.

This five day program is intended to assist "new students", a term used to denote entering freshmen, transfer students and international

students, in making a smooth transition to college life at WPI. Other goals of the program include building a sense of community, creating an accurate perception of the academic environment and educating new students to the many resources and services available.

Parents and guests have been invited to attend a one and a half day orientation program

which includes a variety of programs about WPI's academic program, as well as sessions about the transition process. One such program is the "small group parent sessions" facilitated by an orientation leader and administrator. These sessions are wonderful opportunities for parents and guests to have their personal concerns addressed. The parent ori-

entation program wraps up on Sunday after an address by Provost Apelian entitled, "Globalizing the Curriculum" and informational sessions for parents on student services, career and co-op opportunities and the living/learning residential environment.

New students can look forward to a variety of social and academic programs throughout the next five days. Orientation Leaders (OL's) and Resident Advisors (RA's) are on hand to assist students between sessions and to provide additional information as needed. Some highlights of new student orientation include "small group meetings" with OLs to meet other students and have personal concerns addressed. The first small group meeting will also be an opportunity to learn of schedule updates.

"Computer Laboratories" are a special component of this year's orientation program. All new students will be assigned a computer ID number and will have an opportunity to learn how to access many of the valuable programs on the "emacs information system." Computer lab times have been assigned to ensure that all new students learn this, as well as other systems.

"Preview Lectures" provide opportunities to sample the caliber of WPI professors, as well as preview instruction in areas outside of a new student's major. Faculty are also involved in the presenting of small group meetings called "Exploring the World of Opportunity". These two sessions are especially for freshmen and will cover a variety of topics.

The transition to college life at WPI will be a unique experience for each new student. In addition to the many academically focused programs, there will be sessions about the transition process (ie. Moving up to College), roommate communication, student activities, music groups, athletic teams, and numerous student services. One program in particular, entitled "Contemporary Issues Facing Today's College Student", will assist new students in making educated choices and decisions.

In the evenings during new student orientation picnics and social events are planned. Advertisements for these programs are found throughout this paper.

On behalf of the entire WPI community, welcome to new student orientation and to a world of opportunity!

What's an orientation leader?

New student orientation would not be complete without the participation of "orientation leaders" (OL's). Orientation leaders are undergraduate students who have volunteered to participate in a semester of leadership training programs and return to campus six days early to move new students into their residence halls, facilitate small group meetings with new students and parents, set up programs and be available to answer personal questions and

concerns.

Training for the OL's began in January and included sessions on communication skills, diversity appreciation, campus services and academic programs. Resident Advisors (RA's) and OL's joined together for many of the training sessions.

This year's orientation staff is composed of a cross section of majors and class years. All

of the OLs are involved in at least one other student activity, with the majority of OLs participating in a club or varsity sport.

New students are encouraged to seek out the help of an OL or RA during the months ahead. In October, applications for next year's OL staff will be made available through the Student Life Office. New students are encouraged to apply!

1991 Fall academic enrollment information

GRADUATE - Harrington Auditorium - Concession Area

Friday, 8/23/91 1:00pm - 3:00pm

8/27/91 - 8/30/91 9:00am - 12:00pm
& 1:00pm - 3:00pm

EVENING - Olin Hall

Tuesday, 8/27/91 6:00pm - 8:00pm
Wednesday, 8/28/91 6:00 - 8:00pm

UNDERGRADUATE - Harrington Auditorium

Monday, 8/26/91 2:00pm - 5:00pm
New Freshmen (95)

Tuesday, 8/27/91 9:00am - 12:00pm
Class of 92, TR, EX, 3/2
Class of 93 1:00pm - 4:00pm

Wednesday, 8/28/91 9:00am - 12:00pm
Class of 94
Class of 95 (Reclassified) 1:00pm - 3:00pm

*LATE FEES APPLY AFTER THIS DATE *

Thursday, 8/29/91 9:00am - 12:00pm
Course Changes 1:00pm - 4:00pm

Friday, 8/30/91 9:00am - 12:00pm
Course Changes 1:00pm - 4:00 pm

MISCELLANEOUS INFORMATION:

There has been some confusion regarding the schedule for the first week of classes.

First Day of Classes - Term A91
THURSDAY, AUGUST 28, 1991

PLEASE NOTE: Friday, August 30th will follow a MONDAY schedule.

Graduate & Evening Classes Begin -
Wednesday, September 4, 1991.

Graduate students welcome undergraduates to WPI

On behalf of the Graduate Student Organization, I'd like to warmly welcome all the new undergraduates to WPI. A hearty "welcome back" to returning undergrads as well.

What's a graduate student? Glad you asked. We are students working towards advanced degrees, such as a Masters or Doctorate.

To pay for our tuition, most of us work for the school as Research or Teaching Assistants (RA's and TA's).

As RA's, we do research for professors which generates grant money. This grant money helps attract good faculty and purchases state of the art equipment used in research and in courses.

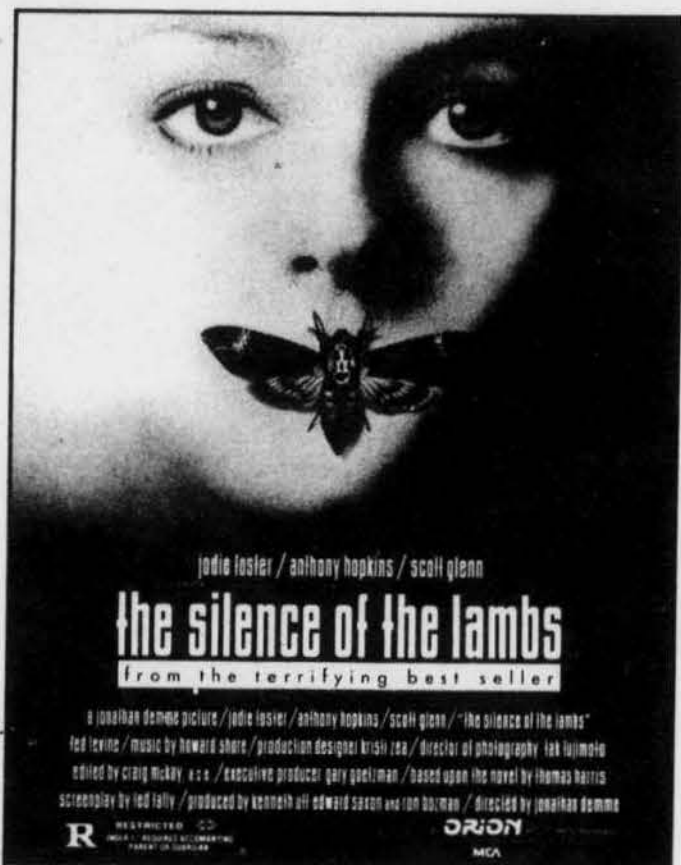
As TA's we help the professor in any way that professor wants - conducting help sessions, grading homework, exams and labs, anything that helps the course run smoothly. Most of us enjoy talking with and helping

other students. In fact, one of the best things about helping another person understand a difficult topic is that both will learn the subject better. And after all, learning is what we're here for.

Welcome once again, and see you at the Convocation.

Charles Wright
GSO President

SOCCOMM PRESENTS:



Wednesday, August 28, 1991
Perreault Hall, Fuller Labs
6:30 PM & 9:30 PM
\$2.00 Admission



MATCH WITS WITH THE CHAMPIONS



EXHIBITION
MATCH
SUNDAY,
AUGUST 25
8:00 PM - 9:30
PM
Harrington
Auditorium

Sponsored by the Social
Committee