

the university of michigan Today

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the university of michigan Today is the only Michigan publication received regularly by 192,000 alumni, friends, and faculty of the University



ANCHORS AWEIGH—Hugh C. Downer (left), chairman of Maxon Marine, Inc.; Raymond Pearlson, president of Pearlson Engineering, Inc.; James E. Knott, vice president and general manager of Detroit Diesel Allison Division, General Motors, and chairman of the Engineering Capital Campaign; President R. W. Fleming; and Engineering Dean David Ragone manned the anchors that broke ground for the new naval architecture and marine building.

Engineering Capital Campaign Yields Funds for First Building

Ground has been broken for the first building to be financed by the Engineering Capital Campaign.

A two-story addition to the Naval Architecture and Marine Engineering Building on the North Campus, it will house a drawing loft, classrooms, and offices.

The capital campaign was begun in 1974 to raise \$20 million for the College's continued development and its move to the North Campus.

"The quality of any university is difficult to maintain. We survive not only because of public support but also through the great help you've given us," President R.W. Fleming told the crowd assembled for the ceremony.

Department Chairman Francis Ogilvie stated, "This event is significant for us and the marine industry as well. We graduate two-thirds of the new naval architects in the United States each year. If the United States is to remain a major shipbuilder, it must have a continuous supply of trained personnel and facilities for research and development. Because of the department's strong position, we may well become the national center for marine engineering and naval architecture."

The department moved earlier this summer to its present quarters on the North Campus from the West Engineering Building, where it had been located since 1907. A 360-foot towing tank, literally part of the foundation of the old building, will still be used for instruction and research.

Michigan Grads Fill Key Federal Posts For President Carter

Federal government service of U-M alumni hasn't ended with the Ford Administration. Some key officials under President Carter also have U-M ties. They include the following:

Mary F. Berry ('66, '70), assistant secretary of education in the Department of Health, Education, and Welfare.

M. Rupert ("Rupe") Cutler ('55), assistant to the U.S. agriculture secretary.

Nik B. Edes ('68), undersecretary of labor for legislation.

Donald Fredrickson ('46, '49), head of the National Institutes of Health.

Leslie Goldman ('67, '70), head of the Office of Energy Resource Development.

William M. Lukash ('56), the President's physician.

Michel Oksenberg, professor of political science, staff member of the National Security Council.

The Presidents Club Meets Sept. 30-Oct. 1

Membership in the Presidents Club, a group of major donors who have made gifts to the University of at least \$10,000, has soared to well over the 2,000 mark.

Members have strong ties to the campus, and return each fall for an Annual Meeting. The meeting this year is scheduled for Friday and Saturday, September 30 and October 1. The program will include the Michigan-Texas A. & M. football game.



IDENTITY CRISIS—There's no question about the location of this proud graduate.

Alumni Body Grows by 6,000

More than 6,000 graduating students were charged by Commencement speaker John Hope Franklin with helping to revive the "faith, courage, and foresight" that went into the founding of the American educational system.

Dr. Franklin, professor of American history at the University of Chicago and a distinguished writer on black history, said, "As the long, nightmarish fight to achieve equality nears its end, it is enough to make one sick at heart to discover that the victory consists of equality of opportunity to secure an education that is mediocre at best."

Franklin blamed the growing mediocrity that he detects on several developments: school district parochialism, legislative parsimony, teacher union tactics, and efforts to thwart racial integration.

"Our school districts are little principalities, walled off from each other with no opportunity to share or pool resources such as personnel and facilities."

He urged graduates to make certain that their own faith is secure, to rally others, and to insist that more of the nation's resources be put into education.

"If you do," he said, "the battle may, indeed, be won."

'U' Names Shapiro As Vice President For Academic Affairs

Prof. Harold T. Shapiro, chairman of U-M's Department of Economics, has been named Vice President for Academic Affairs.

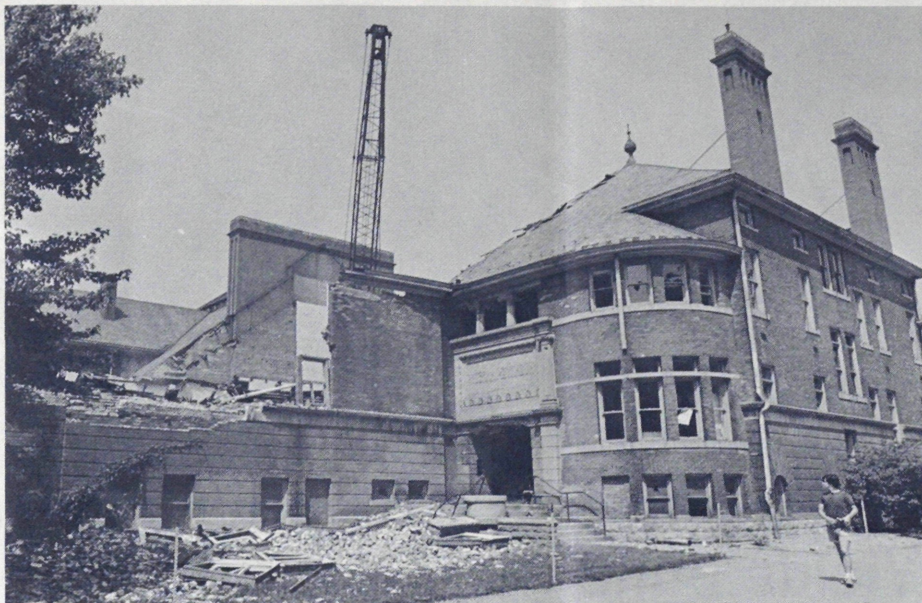
Shapiro, a faculty member since 1964, has chaired the University's Budget Priorities Committee for the past three years. He is well-known for his work as co-director of the Research Seminar in Quantitative Economics, which is widely



Shapiro

respected for its regular econometric forecasts for the nation and for the state of Michigan.

Shapiro succeeds Frank H.T. Rhodes who has assumed the presidency of Cornell University in Ithaca, N.Y.



THE CHANGING CAMPUS SCENE—Barbour-Waterman gymnasium (above), a campus landmark since 1897, has been razed to make way for a future addition to the Chemistry Building. The stately elm gracing the front of Hill Auditorium (right), a victim of heart rot despite continued professional care, has also been removed. Original plans called for the auditorium to extend all the way to the street, housing both musical and dramatic presentations. However, Regent Junius E. Beal convinced his colleagues to vote for a smaller auditorium, thus sparing the tree in 1913.



Faculty Member Identifies Mummy As Tut's Grandma

While thousands of avid Egyptophiles queue up to see the traveling exhibit of King Tut's treasures throughout the U.S., a U-M professor is receiving kudos for identifying the mummy of the King's grandmother.

Major Find

Dr. James E. Harris, an orthodontist, anthropologist, and geneticist, describes the identification of the 3,400-year-old mummy as the first major mummy find since the opening of King Tut's tomb in 1922.

Harris' scientific team has been making regular expeditions to Egypt for 12 years to examine and x-ray ancient mummies and study their cranial and facial structure, compiling data that are used to identify related evolutionary changes.

Missing Identity

While x-raying the royal mummy collection, the team was invited to examine several mummies whose identities had been lost because of a mixup following thefts by ancient grave robbers.

The left arm of one of the mummies was crossed on her chest as if holding a scepter. Her skull x-rays were compared with those of other royal mummies, and the results of an electron probe analysis of her hair were matched



Queen Tiy

with a lock of hair labeled with Queen Tiy's cartouche (name) which was found in a gold casket in King Tut's tomb.

Harris believes that his affiliation with U-M is a contributing factor in his team's success. "Our kind of project couldn't have been accomplished unless we were on a major campus like The University of Michigan. The U-M is unique and has many resources on one campus represented by outstanding departments in almost every area."

The Vital Margin

Law School Fund Sets Record For Both Dollars and Donors

by Michael Radock
Vice President for University Relations and Development

Regular, sustaining gift support is an important factor in the maintenance of an outstanding academic program. The University of Michigan is fortunate to have a number of such programs.

The Law School Fund, for example, has concluded its most successful year, raising over half a million dollars from an alumni body that is also contributing generously to the School's \$10 million capital campaign.

Total private dollars received since the fund was founded in 1961 amount to more than \$4 million, making the Law School Fund one of the nation's leading annual gift programs among public law schools.

High Participation

More than 44 percent of all living law alumni contribute to the

Fund, which has grown from \$49,600 given by 1,200 alumni to \$500,010 from 5,292 donors including 5,047 alumni.

The gifts are used for student financial aid, prizes for outstanding scholastic achievement, enriched placement and admissions operations, and support for student organizations including legal aid, case clubs, and senior day festivities.

National Committee

They also facilitate faculty research, equipment purchases for instructional programs, and building modifications, and augment the resources of the Law Library.

A national committee composed of alumni, faculty, and students guides each annual giving program. Samuel Kruglak ('41), Canton, Ohio, chairman for the past two years, has been succeeded by David R. Macdonald ('55), Chicago.

In Transition?

Please send corrections in your name or address to *Michigan TODAY*, 3540C Student Activities Building, The University of Michigan, Ann Arbor, Michigan 48109.

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REGENTS CONFER—Maintaining U-M's distinction in the face of financial stringency is of prime concern to Regents (from left) Gerald R. Dunn, James L. Waters, David Laro, Sarah Goddard Power, Deane Baker, Thomas A. Roach, Paul W. Brown, President R. W. Fleming, and Robert Nederlander.

In the News

Faculty, Staff Continue to Win Praise and National Recognition

FACULTY, STAFF PRESIDE—Among U-M representatives now serving as president or president-elect of national organizations are: David F. Bohr, professor of physiology, president-elect of the American Physiological Society; Wilbert J. McKeachie, professor of psychology and director of the Center for Research on Learning and Teaching, president-elect of the American Association of Higher Education; Russell Reister, director of personnel, president-elect of the College and University Personnel Association; and Nathaniel Rowe, professor of dentistry and pathology, president of the American Academy of Oral Pathology.

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CAMPUS MEDICAL SKILLS WIN NATIONAL RECOGNITION—U-M's Hospital and Medical School were recently listed twice in an article in *Family Circle* magazine entitled, "Where to Find the Best Medical Care." The section of thoracic surgery and the department of dermatology were cited among the 13 specialty clinics listed in the directory of "America's best specialized medical help."

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U-M SETS THE PACE—The top award of the Council for Advancement and Support of Education (CASE), honoring service in behalf of public understanding and support of education has been given to the The University of Michigan University Relations and Development office and the U-M Alumni Association. The award recognizes U-M as a "pace-setting institution which has demonstrated remarkable effectiveness in combining the efforts of professional staff and volunteer leadership on behalf of the University and higher education."

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RECRUITING ON THE RISE—Evart Ardis, director of Career Planning and Placement, reports that recruiting on the U-M campus was up close to 10 percent compared to a year ago. The number of graduates finding jobs increased by almost 25 percent, reflecting improvement in the business climate and a return to more vigorous recruiting by companies that hire college graduates.

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TUITION, HOUSING RATES REFLECT INFLATION—Tuition increases averaging 8.75 percent will go into effect for students on the Ann Arbor campus this fall, bringing the price of two semesters of full-time undergraduate education to about \$1,000 for in-state students. Housing rate increases will average 8.4 percent at the traditional residence halls and 8 percent at the family housing units.

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RUTHVEN REMINISCENCE—Alexander Grant Ruthven of Michigan is a 250-page biography of Michigan's seventh president. Ruthven, who served from 1929-51, is acknowledged as being responsible for Michigan's emergence as one of the world's leading universities. It is available for \$7.95 from William B. Eerdman's Publishers, 255 Jefferson S.E., Grand Rapids, Michigan 49503. Sales will benefit student scholarships.

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THE HOTTEST TICKETS IN TOWN—For the first time, season football ticket sales to the general public have been cut off, despite a price increase from \$7 per game to \$8. Athletic Ticket Manager Al Renfrew says that individual tickets are also going fast, with only the Duke, Northwestern, and Iowa games not yet sold out. "We've had a pretty good team the last few years, and we've done a good job selling. It's become contagious."

U-M TOPS IN SCIENCE EMPLOYMENT—According to figures just published by the National Science Foundation, U-M ranks first among state-supported universities in terms of full-time scientists and engineers employed (3,041) and first among all universities in numbers of women scientists and engineers (732).

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BRANCH CAMPUS DEVELOPMENTS—The University of Michigan-Dearborn has received a \$205,000 grant from the W.K. Kellogg Foundation to develop individualized learning which will focus on non-traditional methods of offering university courses for working adults and part-time students. The University of Michigan Flint has opened its first new building on the riverfront campus, a \$10.2-million classroom-office building. Construction is under way on \$7-million central heating and cooling plant and utility distribution system and on a \$7-million privately funded University Center.

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NEW VARSITY SPORTS FOR MICHIGAN WOMEN—Golf, softball, and track are now available along with tennis, volleyball, field hockey, competitive swimming, synchronized swimming, basketball, and gymnastics to bring the number of women's varsity sports to 10.

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FORD LIBRARY HEADQUARTERS—The Gerald R. Ford Presidential Library Campaign headquarters is now located in the City Center Building, 220 East Huron, Ann Arbor 48104, telephone (313) 763-5500.

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SHARE YOUR ROOTS—Do you have access to historical documents or photos reflecting the life of foreign immigrants to Michigan? Working under a three-year "Immigration Sources Project" grant from the National Endowment for the Humanities, the U-M Bentley Historical Library is trying to expand its collection of facsimiles of historic documents and photos left by Michigan's immigrant ethnic groups. The project is not designed to acquire, interpret, or catalog materials, but merely to locate and possibly copy them. Interested individuals should contact the Bentley Historical Library, 1150 Beal Avenue, Ann Arbor 48109.

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RECAPTURE ALUMNI ROOTS ON FILM—"We Came to Ann Arbor," an hour-long, color and sound film that details the story of past generations of Michigan students in their own words and music is now being prepared by the U-M Television Center with the financial support and cooperation of interested alumni and the Alumni Association. Chairman George Monroe ('28), Kalamazoo, says that the film will be available for showing at alumni gatherings, orientation, and for other purposes such as student recruiting.

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IN MEMORIUM—Michigan Benefactor Frederick J. Vogt ('25), of Grand Rapids, Mich., died on July 6, 1977. A dedicated industrial and civic leader from Grand Rapids, "supersalesman" Vogt contributed immeasurably to the growth of The Presidents Club. He and his colleague, Paul Goebel, are responsible for over half of the membership in the group. "We Came to Ann Arbor," (see above) is a project that was very dear to Mr. Vogt. Those who wish to send a contribution in his memory may send a check payable to The University of Michigan, directed to The Fred Vogt Memorial, The Presidents Club, 3524 Student Activities Building, Ann Arbor 48109.

363 Major Donors Honored as Benefactors

Thirty-seven donors, including individuals, corporations, and foundations, have qualified as Michigan Benefactors during the fourth year of the Major Gifts Program by committing at least \$100,000 to the University.

Since the program began, 363 Benefactors have been recognized. Cumulative giving by the group since January, 1961 exceeds \$185 million, a milestone amount in major contributions to a public university.

Among those identified as Michigan Benefactors are 121 living individuals, 104 individuals in memorium, 86 corporations and associations, and 50 foundations.



BENEFACTOR RECOGNITION DINNER—Among those attending the second Benefactor Recognition Dinner were 93-year-old Benefactor Melvin Baldwin (second from left) and his grandson, Dana Baldwin (right), who received their Benefactor cube from H. Glenn Bixby, chairman of the Major Gifts Operating Committee, and President R. W. Fleming.

College of Pharmacy Receives \$1 Million For Endowed Chair

The University of Michigan's College of Pharmacy has received \$1 million from John G. Searle, retired chairman of the board of the G. D. Searle Pharmaceutical Company.

The gift will be used to establish the John G. Searle Professorship in the College of Pharmacy, from which Searle graduated in 1923.

Provided during the College's centennial observation, it is the largest endowed professorship in the history of the University. Its terms permit the College to choose a leading scholar in any pharmaceutical field or discipline.

College Admissions: The Delicate Art of Choosing the Best

Despite the recent decline in enrollment reported by many institutions of higher education, applications from potential students remain high at U-M.

As Director of Admissions, Clifford Sjogren is in charge of the office on the Ann Arbor campus that admits all entering freshmen and most undergraduate transfer students. In a recent interview, he discussed the philosophy behind the careful balance that is maintained between qualified applicants and the University's resources, as well as the outlook for future enrollment trends at U-M.

Michigan Today: How would you describe the admissions picture at U-M?

"U-M is considered to be among the two or three most selective public institutions in the U.S., and admission to most units is very competitive. Because of escalating costs, limited financial aid for non-residents, and virtually no recruiting efforts outside of Michigan, the number of non-resident applicants has decreased since the mid-1960's. At that time eastern counselors reported that it was sometimes easier to place their students into Ivy League schools than into U-M. In recent years, however, we have become the most expensive state-supported institution for both residents and non-residents and the evidence suggests that economic factors have had an adverse effect on our ability to attract the unusually well-qualified applicant. Even so, about 800 qualified Michigan applicants and a greater number of qualified non-residents were refused admission because of space limitations."

MT: What is the role of the Admissions Office?

"U-M's nine schools and colleges that enroll undergraduate students confer with the Vice President for Academic Affairs to determine admissions goals. Departments also have a strong voice in setting the maximum number of students in each program. The Admissions Office makes the admission decisions, but operates under general guidelines approved by the academic units.

"Our primary role is one of communication. It is our responsibility to help students make wise educational choices. To do so, we must honestly describe the characteristics of the University. We also must keep in close touch with the secondary schools so that our decisions are based on complete and unambiguous knowledge of each student's academic preparation. Each application is reviewed by an admissions counselor who is assigned on a geographic basis so that they are familiar with the secondary schools in their areas. Because we refuse admission to hundreds of qualified applicants, we must apply the requirements consistently and give every applicant ample consideration. Michigan's admission practices are more personalized than one would expect to find at a large university."



THE FIRST STEP—Admissions counselors are ready to offer friendly advice to potential students of all ages.

MT: How would you describe the type of student who is likely to be admitted to U-M?

"We hope to attract students who have a high probability of academic success. The high school record, which includes grades, class rank, pattern of course selection, and general quality of the school's academic offerings, is the best predictor of success. The Scholastic Aptitude Test (SAT) score supplements this record and is helpful when there is a question about one or more of the factors in the high school record. While we encourage students to participate in extra-curricular activities, our decision is not normally influenced by such participation.

"High school students are urged to elect at least one English course each year, particularly one that emphasizes writing, one or two laboratory sciences, two or three years of social science and mathematics, and at least two years of a foreign language. In such a course a student with a "B" (3.0) average and a combined math and verbal SAT score of at least 1,000 would be considered 'qualified' to undertake most programs of studies at U-M. Because the number of qualified applicants exceeds the places available in most units, somewhat higher qualifications are required to ensure admission. Generally, non-residents applying to LSA, for example, should present a grade point of 3.40 and a score of 1,100 on the SAT's to be given a reasonable chance for admission, whereas Michigan students will probably be admitted to LSA with a 3.20 and 1,000 on the SAT's. However, these are guidelines and not 'cut-offs.' Minimum requirements vary by unit depending on the availability of classes and the number of applicants.

"The admission of minorities is also based on the philosophy of probability of success. We aggressively seek out qualified minority students. Those with acceptable but borderline qualifications are invited to participate in various University-sponsored services to increase their likelihood of academic success. Every attempt is made to admit all qualified minority applicants."

MT: What recourse is available to students who are not admitted?

"We accept personal or written appeals on our decisions. While the decision is seldom changed, a student may bring to our attention some significant academic characteristic that was not included in the record or was overlooked. We strive to be open and honest. We will also suggest alternatives that may include plans to transfer to U-M after one or two years elsewhere."

MT: What are your expectations for future enrollment at U-M?

"At this time, there are no serious plans to either significantly increase or decrease student enrollment through 1995. We expect to maintain high standards for admission even though secondary school populations are decreasing. Throughout the country, colleges and universities with deserved good

reputations as learning centers do not seem to be plagued with decreasing applications and enrollments. There is a continuing awareness of the importance of a high quality, demanding education, particularly as the job market becomes more competitive.

Many colleges are significantly increasing their efforts to attract students and there is even some evidence of hucksterism among institutions that are struggling for survival. Heavy recruiting and 'no need' financial awards are increasing. There will be rigorous competition for 'blue chip' graduates of the nation's high schools, but, if the University is committed to maintaining its tradition of high quality educational programs, we should continue to attract our share of exceptionally well-qualified candidates, even though we are facing some difficult economic issues."

MT: What can alumni do to assist the admissions program?

"The Alumni Association, several alumni clubs throughout the nation, and the Admissions Office have cooperatively worked out projects that are designed to encourage more applications from highly qualified students. Some clubs host receptions for prospective students and invite vacationing U-M students to speak. Other club members telephone admitted students. Occasionally an Admission representative visits the club to discuss issues of common interest. Interested alumni are invited to contact the Alumni Association or the Admissions Office. Doing a little student recruiting is a good way for alumni to stay in touch with their university and it could help Michigan immeasurably in its attempt to maintain high standards of academic excellence."

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Update on the Professional Schools

Applicants for admission to U-M's professional colleges are facing stiff competition, although admissions experts explain that most apply to several schools. Dental students, for example, typically apply to six schools, and medical students to eight.

Medical School

At U-M, the Medical School received roughly 4,000 applications for less than 200 places, at least 80 percent of which will be awarded to students from Michigan.

Four members of the admissions committee evaluate each application which comes to them according to a point system to determine the applicant's rank in the pool.

"The judging is done individually. The committee members are alone with their souls and their consciences, but they arrive at a high degree of uniformity," states Colin Campbell, associate dean.

"All applicants are looked at with a great deal of personal consideration. Our scoring system reflects intense pressure and competitiveness. It is similar to judging Olympic diving or figure skating, rather than a 400-meter run. Unfortunately, what we're really doing is running a rejections committee. A student doesn't get in because of a good grade point or a good interview, but may be kept out because something is not good.

"All human systems are imperfect, but this works pretty well. However, we would be much happier if we could say 'yes' more often."

Law School

The Law School, according to Assistant Dean and Admissions Officer Roger Martindale, usually receives about 4,000 applications for 375 spaces, approximately 50 percent of which will be filled by residents.

"We avoid being bound by mathematical prediction formulas. There is a fair amount of subjective evaluation, with a lot of effort to make the application procedure as personal as possible.

"We are not making selections that turn solely on whether someone is qualified or unqualified. Many applicants fear that we

have concluded that they are not capable of doing legal work. That's often not the case at all. We don't mean to cast a cloud over the quality of an applicant's experiences. We are sure many could succeed in law school, but no matter how you allocate the positions, you have to turn down some good people.

"In the early 1960's, we had approximately 1,150 applicants per year. Obviously, there's been an increase in competition. It's a standing joke among many of our alumni that they would not be admitted were they to apply today."

School of Dentistry

The School of Dentistry was able to accept only 151 students from among 1,206 applicants according to Associate Dean Robert Doerr. These figures reflect a decrease from the 1,701 students who applied in 1976.

"Dental school was unhealthily competitive. We had to refuse entirely too many well-qualified applicants.

"We give a strong preference to Michigan residents. In a very competitive situation, we try to conduct a forthright admissions program. We feel badly having to turn away many applicants who could complete the program successfully, but our enrollment is pretty well fixed since we have to have clinical and laboratory facilities for every student we admit."

Graduate School

The Rackham Graduate School experienced a 10 percent decline in the number of applications, a rate that is consistent with that of other good public schools.

Associate Dean Byron Grosebeck says that "concern about employment after graduate study is probably the main reason, along with higher tuition and decreased support from federal grants.

"A drop in applicants does not automatically lead to a drop in enrollment. Acceptances are just about exactly where they were a year ago, and we have turned away fewer of the well-qualified students than in the past. In general, the quality of our applicants has remained steady."