UWMTODAY

THE ALUMNI MAGAZINE OF THE UNIVERSITY OF WISCONSIN-MILWAUKEE

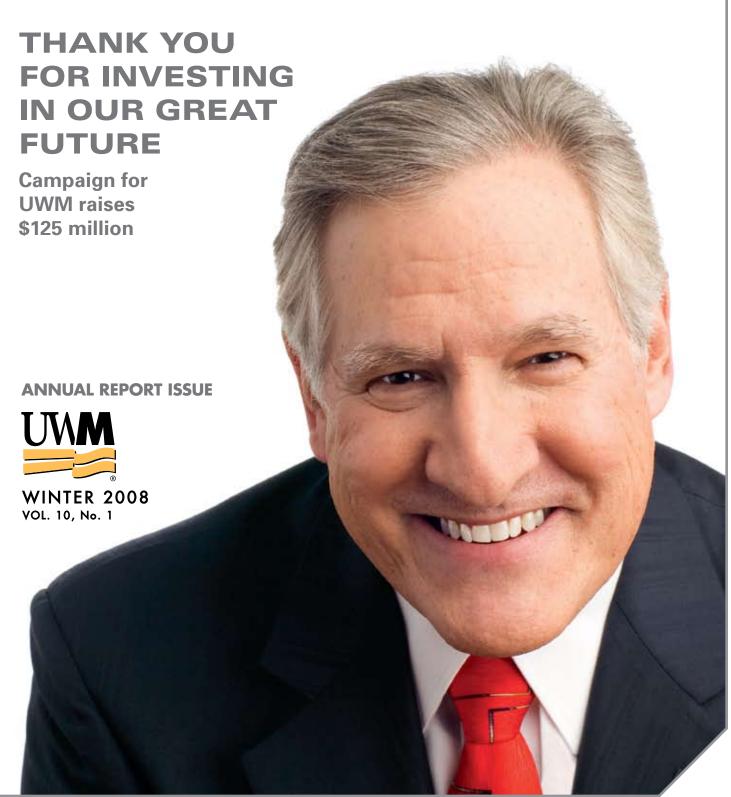




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UWMTODAY

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On the cover: "Together we all invested in the university that is best positioned to make a difference in the life of Southeastern Wisconsin and beyond," says Chancellor Carlos E. Santiago. "I thank you all."

Photography by Joe Picciolo

FROM THE CHANCELLOR

THANKS FROM EVERY CORNER OF OUR CAMPUS

CAMPAIGN SUCCEEDS THROUGH OUTSTANDING RESPONSE

When I was hired by the UW System, then-President Katharine Lyall said, "Carlos, you're going to have to raise at least \$100 million. Be prepared!" So I knew coming in that raising money for the University of Wisconsin–Milwaukee was going to be a major responsibility. What I didn't know was exactly what response that message would receive. I now know that response: absolutely outstanding!

From near and far and in amounts small and large, the contributions have arrived from alumni, friends, corporations and foundations. When the final tally was announced in January, we found ourselves beyond expectations at \$125 million raised a year earlier than anticipated.

There are many, many parts of our university that will benefit immensely from the campaign – and leading among them are our students. We raised \$29 million for scholarships and, I am very happy to note, that money is being put to work right away. Two new groups of scholarships, what I like to call our "full-ride scholarships," have already been announced (see page 12). Officially, they are called the Chancellor's Scholarship for Diversity and Leadership, and the Academic Achievement Leadership Award programs. They will provide up to \$20,000 for the 2008-09 academic year to students demonstrating outstanding academic achievement and leadership potential, and are renewable for up to four years (eight semesters). If you know an appropriate student for these scholarships, please encourage him or her to go to www.fullride.uwm.edu or application information.

Many other areas of the university will benefit from the campaign, too. Specifically, one-third of the amount raised, \$41.5 million, is dedicated to support academic departments and faculty. Another \$40 million is destined for our campus expansion and special initiatives. And more than \$14 million will enhance our research infrastructure.

Our university owes a great deal of thanks to our spectacular campaign leaders: Honorary Chair Sheldon B. Lubar ('88 Honorary), founder and chairman, Lubar & Company; and Campaign Co-chairs Gale E. Klappa ('72), chairman, president, and CEO, Wisconsin Energy Corp.;

Dennis J. Kuester ('66, '96 Honorary), chairman and CEO, Marshall & Ilsley Corp.; Keith D. Nosbusch ('78), chairman and CEO, Rockwell Automation; James L. Ziemer ('75, '86), president and CEO, Harley-Davidson Inc.; and Edward J. Zore ('68, '70, '05 Honorary), chairman and CEO, Northwestern Mutual. They opened doors, made introductions and consistently went above and beyond what we could have hoped in their support for the university.

I also have great appreciation for the people on campus who managed the campaign, including our Office of Development, former Vice Chancellor Lucia Petrie, UWM Foundation President David Gilbert and Chief Advancement Officer Stephanie Ackerman for maintaining our momentum over the concluding months of the campaign.

And, finally, on behalf of UWM I want to express my gratitude to the thousands of individuals who made contributions to this campaign. It does not matter whether that contribution was large or small. Together we all invested in the university that is best positioned to make a difference in the life of Southeastern Wisconsin and beyond. I thank you all.



PUTTING THE RESOURCES TO WORK: RESEARCH AND FACULTY DEVELOPMENT

By Laura L. Hunt

"UWM needs to expand as fast as possible, to be the biggest and best research university that it possibly can be."

Those words could have come from UW-Milwaukee Chancellor Carlos Santiago. But, in fact, they were spoken by UW-Madison Chancellor John Wiley during a fall gathering of business people in Milwaukee.

Research universities today, says Wiley, have assumed the role that was held only a few decades ago by large private companies: discovery through research.

And the good news is, top-notch research already exists at UWM, says Colin Scanes, Graduate School dean and vice chancellor for research and economic development at UWM.

The university's multidisciplinary research centers, such as its WATER Institute, where the life and physical sciences come together with engineering, will continue to contribute much to the region.

And the university's partnerships with private companies, like Rockwell Automation, and with other institutions, such as the Medical College of Wisconsin, hold excellent prospects for the future.

But to rise to the next level, the university will need to invest in many more faculty, with the expectation that they will generate more outside funding, attract more graduate students and produce knowledge that will eventually be applicable in the marketplace, Scanes says.

UWM faculty, bolstered by the work of its younger research talent, is already moving in this direction, he says. In 2006-07, research funding from outside sources exceeded \$30 million for the first time (representing a 15 percent increase from the year before).

And more faculty also are partnering with local businesses to develop and test research. On the following pages, we feature promising research led by a few of UWM's newest faculty.

PROFILE: VALERICA RAICU

ASSISTANT PROFESSOR OF PHYSICS
JOINED THE LIWM FACULTY IN 2004

HIS MOLECULAR IMAGING CAPTURES THE PROMISE OF BETTER DRUGS

Ever since the Human Genome Project mapped the entire collection of DNA in human beings, scientists have studied the function of genes and their location on the chromosome. "The next step," says Valerica Raicu, "is to understand how the proteins – the products of genes – function."

Proteins, particularly those in the cell membranes, control the flow of information and materials between cells, which is necessary for good health. In fact, some 60 percent of drugs target proteins, and the pharmaceutical industry uses cell-membrane proteins to create new drugs.

The hitch is, there are an estimated 100,000 unique types of proteins in the human body, and multiple proteins

usually work together to perform cellular tasks.
Raicu, who specializes in photonics and biophysics,
has found a way to help detangle the web.

He and his partners have developed equipment that can scan a cell rapidly and in very thin sections, providing a view of proteins inside a living cell.

"And not only to visualize them," he says, "but to detect any possible interactions they may have with other proteins, of their own type or a different type."

With its tightly focused laser, the two-photon microscope (TPM) can capture slices as thin as 300-400 nanometers (billionths of meters) at a rate of about 150 frames per second.

But even with high-resolution, high-speed movies, Raicu still has to know what he's looking at.

Working with Chaoyang Zeng, UWM assistant professor of biological sciences, and David Jansma, a collaborator at the University of Toronto, Raicu marks proteins with "fluorescent tags" — molecules that emit light when excited by the laser.

Green tags identify the protein, and a different color is used for variants when Raicu tracks the positions and movements of the proteins under his laser-scanning microscope.

To detect interactions between proteins, Raicu takes advantage of a special exchange of energy — Förster resonance energy transfer (FRET) — that occurs when two fluorescent molecules come within a nanometer of each other.

During FRET, a laser-excited molecule, referred to as the donor, transfers its energy to a nearby molecule, called the acceptor, and only the acceptor emits light. So if the donor normally fluoresces green, but only yellow is emitted (by the acceptor), Raicu knows that FRET has occurred, and that the two membrane proteins have interacted.

When fully developed, Raicu's technology should be an important tool in drug development. He estimates his technology could be integrated into a commercial microscope and available to medical and pharmaceutical professionals within five years.



PETE AMLAND

PROFILE: SARAH GONG

ASSISTANT PROFESSOR OF MECHANICAL ENGINEERING JOINED THE UWM FACULTY IN 2005 MAKING POLYMERS AND PLASTICS THAT MAKE A DIFFERENCE

A healthy plastics industry is critical to Wisconsin's economy. But plastics are mostly made from petroleum, which can adversely affect the environment. That's something Shaoqin "Sarah" Gong aims to change.

Gong's lab is making plastics "greener" by using new bio-based polymers made from renewable sources like corn and other plant material, rather than petroleum. Polymers are the main component in producing plastics.

The advantages are too important to pass up, Gong believes. The use of bio-based polymers helps control carbon dioxide emissions that contribute to global warming. The materials also are mostly biodegradable, and can be recycled naturally.

"Despite so many advantages, bio-based polymers often cost more and lack the performance and ease of processing compared to synthetic polymers," says Gong.

Her goal is to improve the properties of these eco-friendly plastics so that they would be suitable for wider commercial uses, such as in the packaging and automotive industries.

To accomplish this, Gong and her co-workers are using a unique microcellular injection process that is capable of mass-producing lightweight plastic components with less material and energy. Experimenting with various types of nanoparticles, natural fibers and polymer blends, she hopes to boost the materials' strength and resistance to impact.

"We reinforce polymers with wood fibers, such as those made from recycled paper shopping bags, and natural fibers like flax," she says. "Using inexpensive fibers could drive down the price of bio-based plastics."

Gong also is investigating innovative strategies to create two other kinds of polymers.

First, she hopes to improve biomaterials used to make tissue scaffolds – the three-dimensional frames necessary for growing human tissue. These are important in organ transplants and other medical procedures.

Tissue engineering can be more successful using scaffolds made from a material with the right characteristics, she says. Using a specialized technique, researchers in her lab are studying the interaction between living cells and the biomaterial.

In addition, Gong's lab is researching "smart" materials, which can change shape or behavior when exposed to certain stimuli, such as temperature, light or electric fields. These materials can be used in applications ranging from sensors to artificial muscles.

Gong's work has attracted the attention of top external funders. Last year, she received a prestigious CAREER award, given to talented junior faculty by the National Science Foundation.



THE UWM RESEARCH FOUNDATION

Jun Zhang recalls when a friend suggested he take the practical applications of his research and write a business plan.

"I said, 'I don't even know what that is,'" the UWM professor of electrical engineering says.

With the help of the UWM Research Foundation, Zhang not only completed a business plan last year, but he also was a finalist in the Wisconsin Governor's Business Plan Contest, winning second place in the information technology category.

As part of its efforts to foster entrepreneurship on campus, the UWM Research Foundation helped find the markets and venture funding for Zhang's science-based ideas.

Zhang's lab is developing technology for video monitoring and surveillance, making closed-circuit TV systems and content analysis more intelligent. He hopes eventually to expand the technology's applications for use in medical imaging, military operations and other areas in which video content analysis could be valuable.

Encouraging start-up companies from UWM research is a key part of the mission of the Research Foundation, which was launched in 2006, says Foundation President Brian Thompson. Start-up companies create a mechanism that helps advance the research while also supporting the economic health of the region by keeping technology close to home.

Through Thompson, Zhang says he was able to clarify his business objectives and meet contacts he never would have in academia.

The UW Board of Regents last year recognized the Research Foundation as the intellectual property management organization for UWM, replacing WiSys, a subsidiary of the Wisconsin Alumni Research Foundation (WARF) at UW–Madison.

"Our own research foundation will ensure that financial returns on UWM research will remain at UWM, supporting future research here," says Chancellor Carlos Santiago.

The Research Foundation also provides other support services, such as catalyst grants and fellowship programs, to UWM faculty and staff interested in commercializing their work.

PROFILE: ANTHONY AZENABOR

ASSOCIATE PROFESSOR OF HEALTH SCIENCES

JOINED THE FACULTY IN 2001

HOW A FAMILY OF ROGUE BACTERIA SABOTAGES HUMAN IMMUNITY

Anthony Azenabor's work with bacterial infections has solved a pair of seemingly unrelated medical mysteries.

He is the first researcher to discover how two different kinds of the bacterium Chlamydia can cause coronary artery disease and miscarriages. The result could be new treatments and prevention strategies.

ONE DISCOVERY LEADS TO ANOTHER

Azenabor discovered why a species of Chlamydia, C. pneumoniae, that normally causes pneumonia and bronchitis, has long been associated with atherosclerosis, a cardiovascular disease also called "hardening of the arteries."

Then he applied the findings to another species of the same microbe, *C. trachomatis*, which is the leading cause of bacterial sexually transmitted disease. It is also thought to play a role in spontaneous abortions or miscarriages.

CHLAMYDIAE FIGHT BACK

Chlamydiae are unusual, says Azenabor, because, unlike most other bacteria, they use the same form of cholesterol for metabolism that human cells use. And they can only grow and reproduce inside of another cell.

But these bacteria have another peculiar ability.

Normally, when a pathogen invades human tissue, the immune response unleashes "killer cells," called macrophages, which stretch to engulf the attacker and destroy it with toxin-producing enzymes.

MEET COLIN SCANES

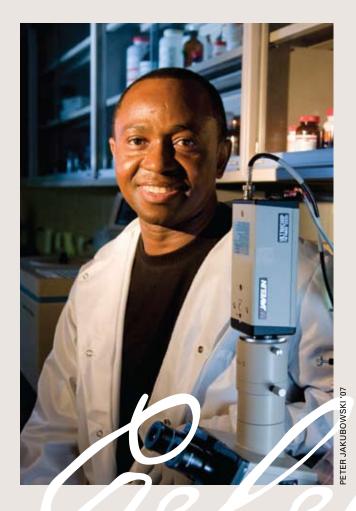
Vice Chancellor for Research and Economic Development and Dean of the Graduate School

UWM can become much more of a player in the state's quest to modernize its economy, says Colin Scanes. The role includes not only sharing the university's research portfolio, but also working to create, recruit and retain new companies.

Scanes, UWM's new vice chancellor for research and economic development and dean of the Graduate School, admits it's new territory for UWM, but one that many universities are now cultivating.

"First, it's the right thing to do," says Scanes, who came to UWM from Mississippi State University (MSU) and began his duties here in July. "We need to help Milwaukee's economy by moving toward more high-tech jobs. And when I say 'high-tech,' I am including high-tech manufacturing.

"Second, it will increase the investment that others are willing to make in Wisconsin. And third, it bolsters the university's base of political support."



Chlamydiae fight back, says Azenabor. As they are ingested, these two species can sabotage the immune response of protective cells.

C. pneumoniae steals cholesterol from the macrophage cell, robbing it of its ability to move. It then reprograms the macrophage, greatly decreasing its ability to make toxin.

This is the reason the infection becomes chronic, Azenabor says. Without a defense, the bacteria can reproduce in a short time.

As the macrophages become immobile, they accumulate in the blood vessel walls, setting the stage for atherosclerosis.

With *C. trachomatis*, the bacteria behind the sexually transmitted disease, Azenabor turned his attention to pregnancy's protective cells, the trophoblasts, to determine the microbe's role in miscarriage.

"They (the trophoblasts) prevent any kind of infection that could threaten the fertilized egg," he says. "And they produce toxic chemicals similar to those of macrophages."

THE CHOLESTEROL CONNECTION

Again, Azenabor found a connection through cholesterol.

The functions of trophoblasts are controlled by the hormones estrogen and progesterone. And cholesterol is the molecule used to produce those hormones.

"It's the same old story," he says.
"Only this time the attacked cell is a
trophoblast instead of a macrophage, and the depleted
cholesterol hinders production of estrogen and progesterone
instead of altering toxin production."

Azenabor's work shows how the bacteria can inflict two illnesses at once, and already he has patented a process for blocking *C. pneumoniae's* assault on immune cells.

Scanes has experience in structuring such change, even in a tight budgetary environment: He served as vice president for research and economic development at MSU.

According to his formula, UWM will become a "facilitating partner" that manages the various facets that must come together in producing spin-off companies. But working in concert with the community is also essential.

This level of collaboration resulted in a \$14 million "cooperative agreement" from NASA while Scanes was at MSU. Working with such top players, he says, led the following year to a joint institute with the National Oceanic and Atmospheric Association (NOAA) and a building.

Scanes received his degrees in biological chemistry and zoology in the United Kingdom at Hull University and the University of Wales.

He has served on committees of the National Research Council, Office of Technology Assessment, U.S. Department of Agriculture National Research Institute NASULGC (Biotechnology), and U.S. Department of Agriculture National Animal Genome.



ALAN MAGAYNE-ROSHAK '72

PUTTING THE RESOURCES TO WORK: EXPANDING OUR INTELLECTUAL SPACE

By Laura L. Hunt

With the addition of more research faculty and a commitment to access for its record student enrollment, UWM's third goal involves space. And with only 93 acres tucked into an historic residential neighborhood, growing UWM means spreading outside its East Side Milwaukee borders.

In fact, with funding from the state Building Commission, UWM is currently launching a campus master planning process to study needs and potential new sites for university facilities during the next 10 to 20 years.

Change, however, is in motion now, thanks to two major gifts that are moving forward two UWM satellite campuses.

Michael J. Cudahy Innovation Park

In November, philanthropist Michael J. Cudahy announced that he would provide funds to help UWM

acquire open land on the Milwaukee County Grounds in Wauwatosa for a new College of Engineering and Applied Science campus. The new satellite campus will be known as the Michael J. Cudahy Innovation Park.

The Wauwatosa site is eight miles from the main campus, and estimated costs for the entire project, including the facilities, are around \$149 million.

The plan has the support of the area's key leaders.
Milwaukee County Executive Scott Walker told the
UW System Board of Regents in June that locating part
or all of UWM's engineering/biomedical campus on the
Milwaukee County Grounds would be "like pouring jet
fuel" on the economic engine already running at the site
near the Milwaukee Regional Medical Center, the county
Research Park, GE Medical and Rockwell Automation.





A concept sketch of the Michael J. Cudahy Innovation Park.

PROFILE: MICHAEL J. CUDAHY

By Angela McManaman

Sharing is something that comes naturally to Milwaukee philanthropist Michael Cudahy – whether it's a good idea for how to make his hometown great, or an airplane ride from Albany to Milwaukee.

The two came together five years ago, when Cudahy first met Carlos E. Santiago.

At that time, Santiago was preparing to leave New York to become UW–Milwaukee's seventh chancellor and Cudahy had already made philanthropy his full-time profession.

"I offered him a ride from Albany to Milwaukee, and we hit it off immediately," says Cudahy, who was serving on two corporate boards in the Albany area. "His ideas and my ideas were right in step with one another."

Just what did they talk about? For one thing, their mutual interest in science and innovation. As co-founders of Marquette Electronics, Cudahy and partner Warren Cozzens developed the first central electrocardiograph system in 1964. Thirty-four successful years later, in 1998, they sold Marquette to General Electric Medical Systems.

Add to this Cudahy's commitment to making Milwaukee a powerhouse of industry, research and civic innovation, and one can see why Cudahy and the Chancellor became fast friends. Cudahy's philanthropic portfolio includes his stewardship of the Discovery World Museum, the Science and Mathematics building at Marquette University, a YMCA branch in his father's name and two of the city's premier performance venues, the Pabst and Riverside theaters.

But for all that Cudahy had contributed to his hometown, he and the Chancellor agreed that there was more work to be done, and they had similar ideas about what that work should entail.

Michael J. Cudahy Innovation Park

Those ideas are now taking shape as the Michael J. Cudahy Innovation Park, a new satellite campus of UWM that will house facilities for the College of Engineering and Applied Science.

Cudahy is providing both the inspiration for the landmark campus and the means of its creation. As a key contributor to the Campaign for UWM, he is helping the university acquire land at the Milwaukee County Grounds in Wauwatosa, where the new facility will be located.

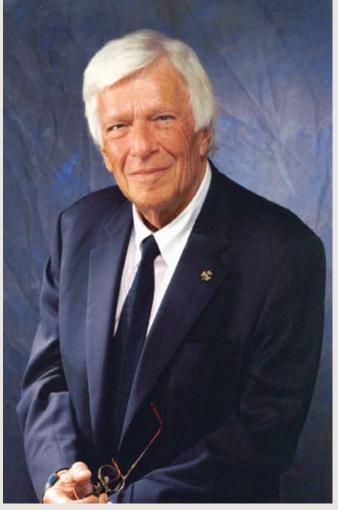
It is both a prestigious and a strategic neighborhood for the college. The grounds are already home to the Milwaukee Regional Medical Center and several private research corporation headquarters.

"There is a lot of energy there," says Cudahy, "but there is so much more to do in medicine and engineering. It's inevitable that we will see these sciences come closer and closer together.

"With this research park, we will have the ability to intertwine these two forces...to bring them together through a powerful partnership between industry and teaching institutions."

It is an ambitious vision, but Cudahy knows it can work. More than a half-century ago, Cudahy watched as his friends and fellow engineers, Bill Hewlett and Dave Packard, helped to develop the Stanford Industrial Park, on the advice of their professor, Frederick Terman. Terman was himself a pioneer in the field of electrical engineering, is considered one of the founders of Silicon Valley and remains one of Cudahy's personal heroes.

Today the Stanford Research Park is home to more than 140 companies and some 23,000 employees. Milwaukee may be a long way from Palo Alto, but Cudahy is confident the Innovation Research Park and UWM also will make major contributions in science and education.



THOMAS EDWARDS PHOTOGRAPHY

But at 83, Cudahy knows he may not be in the laboratory when UWM's College of Engineering and Applied Science breaks scientific ground at its new location.

"All I can do is help build an atmosphere that is conducive to innovation," he says matter-of-factly.

That last thought is a legacy Cudahy received from his own father, a prominent Milwaukee attorney and ambassador to Ireland, Poland and Belgium.

In 1937 Cudahy was a 12-year-old tinkering with HAM radios at the U.S. Embassy in Ireland. Although his mother was rightly concerned that her son's new hobby might be dangerous ("I almost electrocuted myself so many times," he now admits), Cudahy's father nurtured his early aptitude for radio engineering.

"My dad would say, 'Leave the kid alone,'" remembers Cudahy. Looking back on his earliest days as an engineer, Cudahy is grateful that his parents encouraged innovation and exploration – even his mother eventually agreed the hobby was a good one for her mischievous son.

After all, that advice inspired a \$700 million electronics firm and a philanthropic career. That's why Cudahy says he can think of no better way to approach the development of UWM's expanding College of Engineering and Applied Science.

"A freedom from boundaries," he says. "That's what I want this school to be. A place where students and scientists and teachers are free from any of those obstacles that can slow them down."

PUTTING THE RESOURCES TO WORK: EXPANDING OUR INTELLECTUAL SPACE

By Laura L. Hunt

Joseph J. Zilber School of Public Health

Also this fall, businessman Joseph J. Zilber committed \$10 million for the proposed UWM school of public health. And he called on state elected officials to approve resources in the proposed 2007-09 state budget that support planning for the school.

The UW System Board of Regents endorsed the creation of a school of public health at UWM just over a year ago. Last fall, the School of Public Health Planning Council began developing detailed plans for the school. It is expected that specific plans for creating the school will be presented to the Board of Regents this spring.

"There is no greater need in the City of Milwaukee and our state than to improve the health of our citizens, young and old," Zilber said. "Wisconsin is one of the few states that does not have a graduate school of public health."

Although no site has been chosen, UWM Chancellor Carlos Santiago hopes to locate the Joseph J. Zilber School of Public Health downtown.

'Harbor campus' upgrade

Chancellor Santiago's expansion goals also include upgrading UWM's existing "harbor campus" at the confluence of the Kinnickinnic and Milwaukee rivers and Lake Michigan. The site is home to UWM's Great Lakes Water Institute, the largest academic freshwater research facility on the Great Lakes.



A sketch visualization of the Joseph J. Zilber School of Public Health

PROFILE: JOSEPH J. ZILBER

By Angela McManaman

Joseph J. Zilber is a second-generation risk-taker. To most people, the native Milwaukeean is best known as the founder of Zilber Ltd., his family-owned, diversified commercial and residential real estate development and asset management company with operations in Arizona, California, Florida, Hawaii, Illinois, Indiana, Nevada, Texas and Wisconsin.

Yet, even after a string of professional successes and having celebrated his 90th birthday, Zilber remembers fondly and vividly the struggles of his shopkeeper parents: risk-takers who emigrated from Russia to Milwaukee around the turn of the century.

Today, just a few years beyond the turn of another century, Zilber has become one of Milwaukee's major philanthropists. Last October he pledged \$10 million to the

"I am a risk-taker. And I believe it is important for our city and its leaders in the private and public sectors to take risks in order to reach our full potential."

Campaign for UWM for a new school of public health. His gift marks a profound moment for Zilber. The \$10 million was part of the \$50 million "New Potential for Milwaukee Initiative" he announced in August 2007.

It also comes at a pivotal time for Milwaukee, a city that remains the corporate headquarters of Zilber's operations and that ranks first in his affections. Unfortunately, the city also has one of the highest rates of childhood poverty in the nation – a situation that Zilber believes is totally unacceptable.

"As one of America's poorest cities, we must begin as soon as possible to deal with the critical issues of public health and how we can improve the health and well-being of our citizens, young and old," he says.

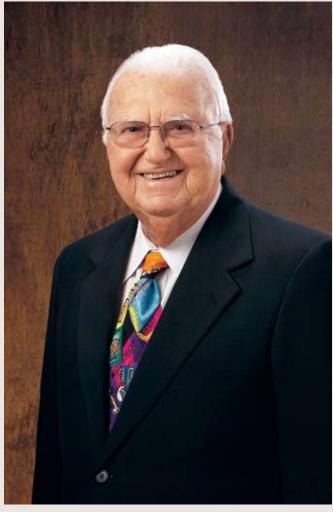
"We must train young men and women who will replace public health experts from throughout the state who will be retiring soon, as well as provide highly trained, knowledgeable experts in public health for service in Wisconsin and throughout the country."

A real estate guru and lifelong deal-maker, Zilber says he grew more concerned about Milwaukee's public health needs through discussions with elected officials, UWM Chancellor Carlos E. Santiago and local leaders in the health care field.

Zilber clearly remembers the promising and prosperous Milwaukee of his youth, where he began his real estate empire building homes for soldiers returning from World War II.

"In the late 1940s and early 1950s Milwaukee was at the height of its expansion period," Zilber remembers.

More than 50 years later, thousands of the homes he built still dot the local landscape. They remind Zilber of all that he and the city have already accomplished, and he is hopeful that his recent gifts will help Milwaukee capitalize on its "new potential" and create a resurgence of growth and development.



COURTESY ZILBER LIMITED

"I am a risk-taker," he says. "And I believe it is important for our city and its leaders in the private and public sectors to take risks in order to reach our full potential.

"A school of public health at UWM will hopefully serve as a major stimulus for the university's growth and drive research companies to come to Milwaukee," Zilber added.

A firm believer in higher education, the Marquette University Law School graduate has also donated \$30 million to his alma mater and funded scholarships there over the last decade. He also funded a hospice in suburban Milwaukee that serves both children and adults.

Clearly, his \$50 million initiative is like nothing Zilber has done before in the philanthropic arena, but it relies on skills that he has already mastered: building things from the ground up and finding ways to bring out the best in his hometown.

"We are blessed with a number of outstanding educational institutions which have made significant contributions to the economy of our area, but more must be done," Zilber says. "Chancellor Santiago has a vision for UWM that is clear and concise. I share that vision and encourage others to help it come to fruition."

PUTTING THE RESOURCES TO WORK: SCHOLARSHIPS

SCHOLARSHIPS CREATE A CAMPUS OF OPPORTUNITY

By Laura L. Hunt

While still in high school, Paola Felix Encarnacion became interested in accounting. The high-achiever even served as president of the Cardinal Bank at South Division High School, a student-operated branch of the Mitchell Bank that has both student and community customers.

"How many people can say they've been a bank president at 17?" she says with a laugh.

Now a UWM freshman, Encarnacion still loves math, but she wants to apply it to a profession that helps people better themselves.

So she is studying education and hopes to teach math in an urban high school once she earns her degree.

It is a profession in desperate need of qualified people, and the support of UWM scholarships is drawing in talent like Encarnacion, who has earned a UWM Alumni Association Outstanding Scholars award this year. The full-tuition scholarship, open to academically talented graduates of Wisconsin high schools, is renewable for up to four years.

"Some people take the opportunity to go to college for granted. I don't," says Encarnacion. "Many can't go to college for whatever reasons. Seeing my Latino peers struggle to better themselves is what motivates me."

Turning the potential of young people into success stories benefits everyone, bolstering the economy and raising the quality of life for all the state's residents.

Supplying skilled workers

Research shows that the most profound effect that a research university has on its surrounding urban area is its capability to replenish the pool of educated employees.

But that pool remains limited if not enough people can afford college. It's one reason Chancellor Carlos Santiago has included "access" in addition to "research" in his priorities for UWM.

The Campaign for UWM has raised a record-breaking \$29 million in scholarships for deserving students to pursue their UWM degrees. These awards and the personal support available to its students, particularly first-year students, are making UWM a destination university in Wisconsin.

That was true for Encarnacion, who was born in Puerto Rico but has lived on the South Side of Milwaukee for much of her life.

"I wanted to attend a big campus to see if I could deal with the pressure," says Encarnacion. But it also felt comfortable to go to college in Milwaukee, close to home and her community.

In fact, she already is back at South Division in her spare time as a math tutor and a mentor for the Latin Club, a student group that celebrates the culture of Latin America.

"It's the first one in Wisconsin, and since I helped get it started, I want to be there to help them get it going."



ALAN MAGAYNE-ROSHAK '72

Super support

The recently raised scholarship money will make a UWM education possible for many others, and will offer its recipients more than just tuition.

Two new programs offer scholarships that pay for nearly everything – tuition, books, residence halls and miscellaneous expenses.

The Chancellor's Scholarship for Diversity and Leadership targets students from historically under-represented populations who demonstrate outstanding academic achievement and leadership. The Academic Achievement Leadership Award is open to any student who shows academic achievement and leadership qualities.

Both offer recipients a "full ride" in any discipline and are renewable for the entire four years of their college careers. Additional partial-tuition awards also are available.

These new awards join a host of existing universitywide scholarships, as well as many scholarships offered through UWM's individual schools and colleges.

The quest to fund talented students does not end with the campaign, says Santiago.

"Significant additional support for undergraduate and graduate students is essential if this university is to succeed in its aspirations for student diversity, for research excellence and for expanded graduate education, especially at the doctoral level," he says.

COMMITMENT FROM WISCONSIN

WISCONSIN MAKES NEW INVESTMENTS IN UWM

By Brad Stratton

When the dust finally settled from the 2007-09 Wisconsin state budget process, UW–Milwaukee had received significant new investments of about \$10 million. A majority of that money, about \$9.6 million, is to be invested in UWM initiatives related to the sciences and engineering — areas considered extremely important to the long-term economic health of Southeastern Wisconsin and in which Chancellor Carlos E. Santiago had called for broader investments as part of UWM's budget request.

"This, from my perspective, represents a historic reinvestment in Wisconsin's second research university," Santiago said at Gov. Jim Doyle's news conference at UWM the day the budget was signed.

"We are going to now be able to promote our twin objectives of ensuring access to all the students of our state.

"We continue to do that this semester by enrolling 900 more students than we did the year before. And we are going to focus our research, as I've said all along, on this community. We are going to focus our research on growing this community and growing the State of Wisconsin."

The largest individual use of the funds is expected to be for the salaries and related expenses of scientists, engineers and support staff in targeted areas, which the Chancellor has said include advanced automation, biomedical engineering, health care and freshwater resources.

UWM also will receive a portion of the \$3 million allotted to the UW System for expanded nursing education and part of the \$2.6 million targeted for teacher education.

UW-Milwaukee's budget requests above and beyond the continuing costs of operating Wisconsin's second-largest university, which now has an overall budget in excess of \$500 million, were part of the University of Wisconsin System Growth Agenda. The Growth Agenda is the statewide plan to achieve access and affordability for students attending any UW System institution and also boost economic growth for the state. (See http://www.wisconsin.edu/growthagenda/ for more information.)

The Growth Agenda initiative put forward by UWM was titled "UW–Milwaukee: Powering Southeastern Wisconsin's Knowledge-Based Economy." According to UWM documents, the initiative is designed to "enhance research in areas key to Milwaukee's economic future and convert research expansion into new businesses, increased technology, research funding and patents, and job growth."

Three specific actions UWM said it intends to take are:

 Expanding its current Research Growth Initiative to permit the campus to compete more successfully for extramural research funds;

 Hiring faculty in key clusters, such as biomedical and health technologies, advanced manufacturing, and other strategic science and engineering areas, that will significantly impact the region's economic development; and

Enhancing the level of graduate and undergraduate education, research support and training.
 Also included in the state budget was funding for about 3,000 UWM students who take advantage of the Wisconsin Higher Education Grant Program, which distributes financial need-based grants for low-income students, and funding for the Wisconsin G.I. Bill Tuition Remission Program, which is a full waiver of tuition and fees for eligible veterans and dependents.

YOU CAN HELP

"All members of the UWM community can be a positive influence on the future of Wisconsin by getting involved in the legislative process," says Tom Luljak ('95), vice chancellor for university relations and communications. "Elected officials and their staffs need to know what is being done by the university, and you can help by telling them this great news."

As an alum, you can demonstrate your support by joining Panther Advocates, a grassroots advocacy coalition concerned with the future of higher education at UWM. Panther Advocates are committed to educating elected officials and the community about the importance of UWM to the State of Wisconsin.

Participation in Panther Advocates allows you to use your networking and professional contacts to be an effective and powerful advocate for UWM and higher education.

Your involvement also provides an avenue for meaningful involvement with your university and an opportunity to learn about public policy and issues that affect higher education.

When issues affecting UWM come before the state legislature, you will be sent an e-mail asking you to contact your elected officials, asking them or other government bodies to consider the university's position on an issue. You'll also be provided with talking points that can be used in a discussion with your elected officials.

Advocacy can mean more than communicating with elected officials. At times, a letter to the editor of your local newspaper, speaking before civic groups or contacting your media sources in support of UWM can be very effective. Panther Advocates also travel to Madison several times a year for face-to-face meetings with legislators.

Participation in Panther Advocates is completely voluntary. Your level of involvement is up to you. You can devote as little or as much time as you want.

"Whether you're speaking with a local elected official, writing a letter to a local newspaper or just speaking positively about the university, we all can give something back to UWM and help further its positive agenda," says John Bartel ('74), Panther Advocates coordinator and constituent alumni coordinator for the UWM Alumni Asociation.

Adds Luljak: "By becoming involved in nonpartisan efforts that favor higher education at Milwaukee's largest university, you demonstrate the breadth and depth of support for UWM."

To join Panther Advocates, or for more information, contact John Bartel at 414-906-4665 or jwbartel@uwm.edu, or visit pantheradvocates.uwm.edu.

GALA CELEBRATES THE SUCCESSFUL CAMPAIGN

Chancellor Carlos E. Santiago announced the Campaign for UWM's record-breaking total of \$125 million at a gala gathering of community leaders and donors Nov. 17 at Milwaukee's Discovery World. During the celebration, philanthropist Michael J. Cudahy announced that he would provide funds to help UWM acquire land at the Milwaukee County Grounds in Wauwatosa to build a new College of Engineering and Applied Science facility. Santiago expressed gratitude to the many friends and supporters who were key to the success of the campaign, especially the six co-chairs: Gale Klappa ('72) of We Energies, Dennis Kuester ('66, '96 Honorary) of Marshall & Ilsley Corp., Keith Nosbusch ('78) of Rockwell Automation, James Ziemer '75, '86) of Harley-Davidson, Edward Zore ('68, '70, '05 Honorary) of Northwestern Mutual and Sheldon B. Lubar ('88 Honorary) of Lubar & Company, Inc.







UW-MILWAUKEE ANNUAL REPORT

2005-06 FINANCIAL RESULTS HIGHLIGHTS

Compared to the 2004-05 fiscal year, UWM total expenditures increased by \$25.5 million (7.1 percent); total operating revenue decreased by \$6.2 million (1.7 percent).

Tuition revenue increased by \$12.2 million (9.8 percent), primarily due to planned enrollment increases, student-initiated tuition differentials and general tuition increases.

State appropriations continued to decline by \$18.0 million (15.7 percent) primarily due to state-required budget reductions.

2006-07 BUDGET HIGHLIGHTS

For 2006-07, tuition for UWM was increased by \$203 per semester for Wisconsin residents, undergraduate and graduate. This represents a 6.8 percent increase for resident undergraduate students and a 4.8 percent increase for resident graduate students. For nonresident students, per semester tuition decreased by \$1,372 for undergraduate students and increased by \$203 for graduate students. This represents a 15.2 percent decrease for nonresident undergraduate students and a 1.7 percent increase for nonresident graduate students. The decrease in nonresident undergraduate tuition was a Board of Regents initiative designed to make institutions more cost competitive in order to attract more nonresident students and to grow revenue.

The Governor's budget included \$5 million (including fringe benefits) System-wide to retain high-demand faculty. Milwaukee's share is \$673,200 split equally between years (\$184,000 per year, net of fringe benefits).

Pay plan for both unclassified and nonrepresented classified staff was 4.3 percent for 2006-07. The 2006-07 pay plan was phased in at 2 percent on July 1, 2006, and 2.25 percent on April 1, 2007. This 4.25 percent increase is effectively 4.3 percent due to compounding.

The campus committed \$2.5 million per year for three years to support the activities of the Research Growth Initiative (RGI). The RGI is a campuswide initiative to significantly increase sponsored research at UWM.

-Carlos E. Santiago, Chancellor

-Donald Weill

UWM BOARD OF

VISITORS 2007-08

The UWM Board of Visitors was

Board of Regents "to become

created in 1977 by the UW System

achievements and problems of the

The board meets four times a year,

to serve by the Regents. Members

are drawn from business and

Milwaukee area.

University of Wisconsin-Milwaukee."

with 18 to 20 members who are asked

industry, education and health care

organizations throughout the Greater

informed about the mission, purposes,

Interim Associate Vice Chancellor, Director, Business & Financial Services

President: Richard J. White First Vice President: Art Smith Second Vice President: Helen J. Harris '64

Secretary: Nancy Hernandez '83

VISITORS

OFFICERS

James T. Barry, III Tina Chang Robert H. Coons, Jr. Carol L. Fuchs '93 Robert Harris, Jr. Jackie Herd-Barber Beth Nicols '95 Jeff Sherman JoAnne Williams DeVona Wright

UWM STATEMENT OF CURRENT FUNDS REVENUES, **EXPENDITURES & OTHER CHANGES**

YEAR ENDED JUNE 30, 2006	Dollars	
Revenues	(Thousands)	Percent
State Appropriations	96,887	27.1%
Operational Receipts	217,099	60.6%
• Tuition & Fees	137,841	38.5%
Auxiliary Enterprise	33,968	9.5%
• Educational Activities	17,751	5.0%
Other Sources	27,539	7.7%
Extramural Support	44,041	12.3%
• Federal Grants & Contracts	35,353	9.9%
State Grants & Contracts	8,688	2.4%
Total	358,027	100.0%

Expenditures & Transfers		
Education & General	338,603	88.4%
Instruction	143,046	37.4%
• Research	36,163	9.4%
Public Service	16,491	4.3%
Academic Support	37,430	9.8%
Student Services	43,224	11.3%
Institutional Support	19,199	5.0%
Physical Plant	27,794	7.3%
• Financial Aid	15,256	4.0%
Auxiliary Enterprises	32,038	8.4%
Mandatory Transfers	544	0.1%
Depreciation	11,750	
Total	382,935	96.9%

EX-OFFICIO MEMBERS

Chancellor

Tracy Moraine Academic Staff Committee Robert Grover Student Association Janet Lilly University Committee Tom Luljak '95 University Relations and Communications Todd Montgomery '75, '84 Alumni Board Joan Prince '77, '82, '92, '99 Partnerships & Innovation Carlos E. Santiago







Construction of the Learning Commons is to begin late fall 2008. More renovation information is available at www.uwm.edu/Libraries/renovation.

TRANSFORMING THE UWM LIBRARIES

Remember the hours you spent at the library studying, researching and meeting friends? How many ways did the library contribute to your success at UWM and beyond? We hope there were many! I'm pleased to announce that the UWM Libraries are moving forward with a renovation that is aimed at student success. We ask for your support for this exciting project, which will transform the west wing first floor of the Golda Meir Library.



The centerpiece of the project is the Learning Commons, with a flexible, open design allowing students to study and learn the way they do today – collaboratively. Group study rooms, a technology-rich environment and a café will provide vibrant and engaging learning spaces for students to gather, interact and work together.

As the campus has grown, demand has increased for these kinds of library learning spaces, as well as more resources and services. When the library was built in 1967 there were 15,500 students on campus; today that number has nearly doubled to over 29,000. Books and other materials have increased dramatically, from 750,000 items 30 years ago to 5.2 million items today, plus thousands of online resources.

With your support we will realize our dream of creating a vital 21st century academic research library. Please join other alumni in supporting this exciting transformation. All donations are welcome. An attached envelope is provided for your convenience. Thank you!

Ewa Barczyk
Director of Libraries

HIGHLIGHTS

- A Learning Commons that will accommodate collaborative and group learning styles
- Increased seating space from 120 places to 400 on the first floor, with 160 desktop computers and 50 laptops for students to check out
- New group study rooms as well as flexible study areas with the latest technology to accommodate team-based assignments
- Inclusion of academic partners, such as the campus Writing Center and Tutoring Services
- Additional classrooms to meet the growing need for student instruction in information literacy (locating, evaluating and using online information)
- Learning Café to provide a welcoming environment for students and faculty

"UWM serves as a crucial catalyst for the economic growth of Milwaukee and Southeastern Wisconsin. The UWM Libraries, as the source of scholarly information and research for the campus, are critical to the success of the university's ambitious agenda of student achievement and faculty research growth."

-Carlos E. Santiago UWM Chancellor

For more information about how you can help, please contact:

Ewa Barczyk UWM Libraries Director 414-229-6202 ewa@uwm.edu

Susan Modder Libraries Development Director 414-229-2811 semodder@uwm.edu

UWM FOUNDATION ANNUAL REPORT

GREETINGS!

What a great time to be chair of the UWM Foundation Board. The UWM Foundation experienced another banner year in 2006-07 with the culmination of the Campaign for UWM. The Campaign, which officially concluded Dec. 31, 2007, raised \$125,074,283 in support of UWM and truly showcased the generosity of our benefactors.

Under the leadership of Foundation President David Gilbert, in 2007 the UWM Foundation saw a 22 percent increase in total investments. The affiliated UWM Real Estate Foundation completed construction of the RiverView Residence Hall, which will be home to 488 students during the spring semester and offers wonderful views of the river and downtown Milwaukee skyline. The UWM Research Foundation, under the leadership of President Brian Thompson, was pleased to fund three research projects under its Catalyst Grant Program in Advanced Automation. The \$170,000 in Catalyst funds is part of a five-year, \$1 million gift to UWM from Rockwell Automation.

In September, real estate magnate and Milwaukee native Joseph Zilber announced that he would donate \$10 million in support of an accredited Joseph J. Zilber School of Public Health (see page 10). Zilber's contribution matched Sheldon Lubar's as the largest donation in UWM history. Just two months later, philanthropist Michael Cudahy stepped forward and announced that he would provide funds to help UWM acquire land at the Milwaukee County Grounds in Wauwatosa for a new College of

Engineering and Applied Science campus (see page 8). The new satellite campus will be known as the Michael J. Cudahy Innovation Park.

And there is more good news to share. In fiscal year 2006-07, the Office of Development raised \$26.2 million in gifts, pledges and planned gift commitments, which included seven gifts of \$1 million and above. I would like to thank former Vice Chancellor Lucia Petrie for her significant leadership and service to UWM during this time and wish her well in retirement.

While we celebrate these milestone gifts and achievements, it is of the highest importance to me that we thank every donor who made a contribution to UWM in the past year. Each gift, no matter the size, is important to our success. Special thanks to the 1,564 individuals who made a first-time gift to the UWM Foundation this past fiscal year. If you haven't ever given to UWM, I hope this is the year you will enthusiastically do so.

To learn more about giving to UWM or about the UWM Foundation's investment policies and history, contact Stephanie Ackerman at 414-229-3018 or ackerman@uwm.edu.

Jus. Block

Sincerely, Bruce T. Block

Chair, Board of Directors

UWM Foundation



UWM FOUNDATION ANNUAL REPORT

FISCAL YEAR 2006-07

Gifts & Pledges by Designation

Chancellor's Fund	\$ 40,500	0.2%
Departmental/Faculty	\$ 8,477,183	32.3%
Research	\$ 4,679,595	17.8%
Scholarship	\$ 3,906,151	14.7%
Special Project	\$ 4,607,574	17.5%
Others	\$ 91,513	0.3%
Planned Gifts	\$ 4,509,142	17.2%
Total	\$26,271,158	100.0%

Gifts & Pledges by Source

Alumni	\$ 5,306,409	20.2%
Bequests: Alumni	\$ 40,304	0.2%
Bequests: Non-Alumni	\$ 90,545	0.3%
Family Foundations	\$ 337,625	1.3%
Corporations	\$ 8,188,712	31.1%
Foundations	\$ 3,514,882	13.4%
Individuals	\$ 3,536,064	13.5%
Others	\$ 747,475	2.8%
Planned Gifts	\$ 4,509,142	17.2%
Total	\$ 26,271,158	100.0%

Gift Receiving Organizations

UWM Foundation	\$22,664,978	86.3%
Graduate School	\$ 3,237,406	12.3%
UW Trust	\$ 368,774	1.4%
Total	\$ 26,271,158	100.0%

Investment at Market Value

Year	Fixed Income	Cash Equivalents	Equities	Total
2007	\$26,830,496	\$9,626,273	\$31,609,234	\$68,066,003
2006	\$23,115,735	\$7,065,976	\$25,632,755	\$55,814,466
2005	\$21,604,154	\$4,278,252	\$21,916,115	\$47,798,521
2004	\$19,925,162	\$2,419,216	\$17,933,828	\$40,278,206
2003	\$17,644,779	\$1,769,636	\$14,360,172	\$33,774,587

The university receives contributions through the UWM Foundation, the UWM Graduate School (primarily philanthropic research grants) and the UW Trust (gifts for UWM made through the UW System). The charts above show a breakout of gifts and pledges recorded last year. Copies of the UWM Foundation's complete financial statements, including the independent auditor's report, are available upon request.

-Bruce T. Block Chair, Board of Directors **UWM Foundation**

Jus. Block

-David H. Gilbert President **UWM Foundation**

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UWM ALUMNI ASSOCIATION ANNUAL REPORT

GREETINGS FROM YOUR ALUMNI ASSOCIATION

2007 was a great year for the Alumni Association. Guided by the strategic plan initiated when we became a dues-free organization just two years ago, we have worked steadfastly to create opportunities for alumni to engage with the university and with each other.

We recognized some of our best and brightest through our Distinguished Alumnus and Graduate of the Last Decade (GOLD) awards. This year we honored four alumni for distinguished careers in the areas of health sciences, library and information science, art and design, and business. We also presented a Special Lifetime Achievement Award to John K. Iglehart. Now retired, he was founder and editor of the influential health policy journal Health Affairs, as well as an essayist and national correspondent who has written more words for the New England Journal of Medicine than any writer in its 190-plus-year history.

Reaching out to students, the Alumni Association provided scholarship support for 12 Outstanding Scholars. We enhanced our outreach to students by having a bigger presence on campus: assisting in Move-In Day activities, hosting a gathering for

BOOKS ARE FOR EL HOLIDAY BOOKS ETER JAKUBOWSKI '07

student leadership and the Alumni Association Board, initiating a mentoring program and celebrating this year's graduating students with a special event to prepare them for commencement.

We're re-engaging alumni at the college and school level, as well as by interest group. We produced an alumni directory and established a pilot program that offers new graduates a university e-mail identity: yourname@uwm. alumni.com (currently for May '07 grads only, but we hope to make it available to all alumni). We're a growing presence on LinkedIn and we're looking for more ways to connect with members online.

We continue to build on the programs already established to make them even better for you. Our 5K run/walk, the Panther Prowl, boasted a participation increase of nearly 25 percent in 2007, for a total of 1,050 prowlers and more than 200 volunteers. We took the largest group of alumni in the UW System to visit legislators on the UW System Spirit Day in Madison in April. We are making an impact.

Thanks to my fellow members for their guidance and leadership in advancing this organization. And thanks to all of our alumni who contribute in so many ways to making a difference for the Alumni Association and the university.

Ithe Steel —Christine J. Faltz '96

President, Board of Trustees UWM Alumni Association

UWM ALUMNI ASSOCIATION ANNUAL REPORT

FISCAL YEAR 2006-07

Revenues

Affinity/Membership	\$184,540	33%
Outreach Programs	\$271,611	48%
Investment Income	\$108,745	19%
Total	\$564,896	100%

Expenses

Administrative	\$ 211,198	36%
CAA Allocation & Expenses	\$ 7,485	1%
Honors Committee	\$ 8,622	1%
Marketing	\$ 13,614	2%
Outreach Program	\$ 319,170	54%
Board Administration	\$ 18,012	3%
Awards Reception	\$ 13,010	2%
Total	\$ 591,831	100%

Copies of the UWM Alumni Association's complete financial statements, including the independent auditor's report, are available upon request.

—Christine J. Faltz '96
President, Board of Trustees
UWM Alumni Association

The Aten

—Andrea Simpson
Executive Director
UWM Alumni Association

andrea Simpson

UWM ALUMNI ASSOCIATION BOARD OF TRUSTEES 2007-08

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Vice President: Lawrence J. Schnuck '78, '86

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Honors Committee Chair:

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Carlos E. Santiago

Chair, UWM Foundation Board:

Bruce T. Block

Lena C. Taylor '90

 ${\bf President, Emeritus\ Board\ of\ Trustees:}$

John H. Jackson '46

Distinguished Emeritus Trustee:

John P. Tierney '36

President, UWM Student Association:

Robert Grover

CONSTITUENT ALUMNI ASSOCIATION TRUSTEES

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Clayborn Benson '87

Architecture & Urban Planning:

Eric J. Ponto '89, '96

Education:

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EMBA:

Cindy Mand '04

Engineering & Applied Science:

Richard S. Schreiner '82

Information Studies:

Cynthia Jill Cherny '71, '85, '91

Letters & Science:

Jessica L. Martischang '98

Master of Urban Planning:

Barbara D. Cooley '78, '91

2007-08 UWM ALUMNI ASSOCIATION AWARD FOR TEACHING EXCELLENCE

MARK KEANE, PROFESSOR OF ARCHITECTURE

By Angela McManaman

Mark Keane employs an eclectic array of teaching tools that range from cutting-edge classroom technology and digital video equipment to period costumes and what may be the most classic teaching tool of all – a pencil.

And then there are the chairs. Every November, hundreds of miniature chairs appear in Keane's office in the School of Architecture and Urban Planning (SARUP), where he has taught since 1991.

From cushy armchairs covered in green shamrocks to sleek metal barstools, the chairs are the culmination of students' work in Architecture 100. Since Keane took over that entry-level course in 1993, its enrollment has jumped from 275 pre-architecture students to more than 400 students who can enroll in the course as a general education offering. The course has been nominated for an American Institute of Architects Academic Honors Award.

Standing before one of the largest collections of undergraduate

students in the
university, Keane
strives to offer his
Architecture 100
students the broadest
possible introduction
to architecture and
design, while
encouraging
every student
to follow his

or her own

artistic instincts.

"Students come into the university exuberant with ideas and it doesn't take long for us to smash that out of them...so it's a liberating feeling to have them take real ideas, ideas out there in the hinterlands, and work with them at every stage" Keane explains.

After former students, faculty, alumni and staff judge more than 400 chairs, the top three designs leave UWM in the hands of Sheboygan-based Nemschoff, a major supplier of health-care furniture. Since 2005 the company has made full-scale prototypes of the winning chairs to display at the world's largest design fair, NEOCON in Chicago.

DRAWING ON THE BASICS

But if students walk out of Architecture 100 having mastered only one skill, Keane hopes it is the ability to draw freehand. He "hides behind drawings" during lectures, encouraging students to draw rather than take notes.

"When design or architecture stops teaching the big drawing classes, you have professionals out there asking, 'What did you do? What happened? Why can't these kids work without electricity?" says Keane.

Indeed, according to several nominators, his proficiency in and passion for drawing are foremost among Keane's talents as a professor.

"Professor Keane is a master draughtsman," wrote one nominator. "He has contributed more than any other teacher in (SARUP) to the training of students in freehand drawing – a basic, but increasingly neglected skill for students of architecture."

Keane stays at the top of his form by drawing at least once a day: "Otherwise I get cranky." His teaching credentials are further enhanced by his work at Studio 1032, the multidisciplinary architecture firm he founded with wife Linda Keane in 1987.

The pair also have written several textbooks, including "Architecture:



An Interactive Introduction," that Keane uses in Architecture 100, and which has been used internationally. Additional collaborations include their two sons and two daughters

FILM, FRANCE AND FRANK LLOYD WRIGHT

Keane rounds out his professional portfolio and SARUP curriculum with the creative forces that have inspired him since his earliest days as an architect: film, France and Frank Lloyd Wright.

Keane has converted five years' experience living, studying and teaching in Paris into a textbook and a series of animated short films about teaching Parisian architecture. He returns to France every three years to conduct a study-abroad seminar emphasizing the city's parks and ecclesiastical spaces.

Mark Keane's teaching tools include the pencil, Parisian architecture and period costumes – like that of Lorenzo de' Medici (left).

PETER JAKUBOWSKI '07

With the emergence of digital technology, filmmaking also has become a central element of Keane's curriculum. After many years working with 16 mm film stock and analog video, he now teaches a film and digital video production course for architecture students.

"Film is closer, professionally, to architecture than people think," he says. "You are creating space."

Finally, there are the obvious advantages that come from teaching in Wisconsin's only accredited college of architecture.

"Being a part of the only architectural program in the state, we have a leg-up," says Keane. "We get the best students in the state, from freshmen on up. How do you mess that up?"

And he has an easy drive to Spring Green, Wis., the site of Frank Lloyd Wright's summer home, Taliesin. Through SARUP's Frank Lloyd Wright Initiative, which he directs, Keane has written course textbooks based on the iconic architect's design principles, created a Wrightian design seminar and established other teaching connections between UWM and Taliesin. Keane's personal design practice also is profoundly influenced by Wright's legacy, which inspires much of his urban planning and residential design projects.

LOOKING AHEAD

For 2008, Keane hopes to expand his teaching to high school students through the charter School for Urban Planning and Architecture (SUPAR), the result of a partnership between UWM and Milwaukee Public Schools. He also is working on offering Architecture 100 to the entire UW System, hoping to engage as many students as possible in the study and practice of design.

Although this may require that Keane spend more time behind a computer screen than in a lecture hall, he has no plans to abandon pen or pencil in favor of the mouse.

"More people are drawing than ever before," Keane says. "Drawing is productive; it does something to your health.

"And the free drawing you do as an architect, there is worth in that," he continues. "There is value in what you create by hand."

CLASSNOTES

1950s

David Thorne's ('58 BS Art Education) comic strip, titled "Thorney's Zoo" (see below),

is being published bimonthly on Sundays in The Honolulu Star Bulletin. He has been called "the



Jedi master of Hawaii cartooning." UWM apparel occasionally makes appearances in his strips.

1960s

John Iglehart ('61 BA Journalism) has officially retired as editor of Health Affairs, a journal he founded 25 years ago. He was honored at a gala in Washington, D.C., in November. He is the recipient of the UWMAA Special Life Achievement Award given last spring.

Ron Kurtus ('62 BS Physics and Mathematics) is quoted as a resource in 10 books, including "PyroMarketing," by Greg Stielstra; "Global Leadership: The Next Generation," by Marshall Goldsmith; "The Kid: Biography of Baseball Great Ted Williams,"

by Bill Nowlin. A resident of Lake Oswego, Ore., he is the owner of the School for Champions, which



provides online education. www.school-for-champions.com. James J. Lorence ('64 MS History, '60 BS Education) was an invited speaker at the Georgia Literary Festival in September. He recently published a book: "A Hard Journey: The Life of Don West" (University of Illinois Press).

George R. Blumenthal ('66 BS Physics) recently was named the new chancellor of the University of California at Santa Cruz. He had been the acting chancellor

for 14 months. A professor of astronomy and astrophysics, he joined the Santa Cruz faculty in 1972 and is a former



chairman of the university system's Academic Senate.

Michael Farmer ('68 BS Geosciences) is head of monographic cataloging at Ohio University Libraries as well as the bibliographer for the Geological Sciences, Physics & Astronomy, and Mathematics departments.

1970s

Mary Pieschek ('70 BA
Journalism), who has served
since April as the director of the
Bellin College of Nursing Campus
Development Campaign, has been
promoted to vice president of
development and public relations.
She is currently chair-elect of
the Association of Fundraising
Professionals (AFP) of the Fox
Valley. She also teaches public
relations at UW-Green Bay.
Pieschek was named Fox Valley
Alumnus of the Year by the UWM
Alumni Association in 1998.







"Thorney's Zoo," by David Thorne ('58)

THIRD ANNUAL PANTHER PROWL SCORES BIG SUCCESS

By Peppy O'Neill

Under overcast skies and refreshingly crisp temperatures, 1,050 intrepid runners and walkers traversed the UWM campus and the trails of Upper Lake Park on Oct. 14 at the third annual Panther Prowl 5-K Run/Walk event.

Organized under the banner of the UWM Alumni Association, the event has raised more than \$135,000 to date in cash and in-kind products and services. Proceeds from the Prowl benefit UWM student scholarships and alumni programming.

In addition to the hundreds of individual striders who participated, the event attracted more than 42 teams, a new high for the Panther Prowl. Additionally, scores of alumni volunteered to assist with the event, along with several campus-based groups, including members of the university's varsity Track and Field, Baseball, Volleyball, Men's and Women's Basketball, and Swimming and Diving teams. Members of the UWM-based Society of Athletic Training Students also assisted with event operations.

Event co-chairs and emcees were Chris McGinness, meteorologist for CBS-TV Channel 58, and Milwaukee Bucks Head Coach Larry Krystkowiak, standing in for his wife Jan, UWM alum and former women's basketball standout. CBS-TV 58 and the Milwaukee Bucks were among organizations sponsoring the Panther Prowl.

Winners of the Overall Men's and Women's timed event, compiled for those participants who completed the course in 45 minutes or less, were Tom Cheney, who finished with a time of 16:43, and Clair Maduza, who crossed the finish line in 17:43. These awards, plus a bevy of additional team and individual trophies, were presented at an after-party celebration held on Spaights Plaza.

A special award was presented to legendary UWM track coach and teacher John Tierney ('36), who was also celebrated by several former track athletes who formed a Prowl team in his honor. Tierney remains an active member of the UWM community, as well as being the decorated recipient



of the UWM Alumni Association Award for Teaching Excellence and its Distinguished Alumnus Award. He is also a member of the UWM Athletic Hall of Fame.

Eager runners and walkers can mark their calendars now for Panther Prowl 2008. It'll be held on Sunday morning, Oct. 12, and will follow the same certified route through the campus and Upper Lake Park.

PHOTOGRAPHY BY PETER JAKUBOWSKI '07 AND ALAN MAGAYNE-ROSHAK '72



Branko Terzic ('72 BS Engineering) was elected as a U.S. delegate to be chairman of the United Nations Economic Commission for Europe (UNECE) Ad Hoc Group of Experts on Cleaner Electricity Production from Coal and Other Fossil Fuels. His appointment was made at the Palais des Nations in Geneva. UNECE consists of 56 countries. Terzic received the UWM Alumni Association's Distinguished Alumnus Award in 1999.

Milwaukee County Treasurer Daniel Diliberti ('73 MS Urban Affairs, '69 BA Political Science) won the 2007 County Courthouse Award for innovative governance, given by the National Association of Counties (NACo). One award is presented each year in three categories: rural, suburban and urban.

Linda Stork ('73 BS Botany) is the new director of survey operations at the Office for Survey Research (OSR) at Michigan State University's Institute for Public Policy and Social Research.

Susan Greulich ('74 BBA Management) has joined Sitzberger, Widmann & Company SC, a public accounting firm in Brookfield, as a tax manager.

Regina Deisinger Dunst ('75 BS Nursing) was recently named the 2007 Pediatric Nurse Practitioner of the Year. She is currently a clinical associate professor at the UW-Madison School of Nursing.

Mark Collins ('76 BS Geosciences) is currently employed by We Energies in Milwaukee in the Environmental Department.

Fred Haueter ('76 BA Geosciences) is working in petroleum exploration for ExxonMobil Exploration Company in Houston, Texas.

Richard Kirsch ('77 MS Educational Rehabilitation Counseling) has published his first book, "Pine Woods." It is a sci-fi/adventure novel set in real places his family used to visit in Sheboygan, Wis.

José Váquez ('77 MS Educational Rehabilitation Counseling) has been named the first CEO for the Felician Sisters' Milwaukee ministries. Jack L. Fischer ('78 MARCH, '76 BS Architectural Studies) was appointed secretary of the Wisconsin Department of Commerce by Gov. Jim Doyle. Most recently, he was the president/CEO of Fischer Group Companies, including J.L. Fischer Inc. He is the recipient of both the UWMAA's Young Distinguished Alumni Award (1987) and the Distinguished Alumnus Award (1993).

Joe Pieterick ('78 BA Geosciences) is an environmental geologist at A.G. Wassenaar Inc. in Denver, primarily doing subsurface investigations and remediation.

Denis P. Schmitt ('78 MS, '72 BS Geosciences) is doing formation evaluation for ChevronTexaco in Houston, Texas.

Kevin J. Connolly ('79 MARCH, '76 BS Architectural Studies) has been elected to the national Board of Directors of The American Institute of Architects (AIA), representing more than 3,700 member architects in Wisconsin, Minnesota, South Dakota and

North Dakota. He is the president of Kevin J. Connolly Architects Inc. in Milwaukee.



Theodore Mayer ('79 BA

German) has been named the command inspector general of the Illinois State National Guard. Mayer recently returned to the United States after serving as the U.S. European Command's liaison to the German Ministry of Defense and German Armed Forces Operations.

1980s

Regina (Swingen) Lee ('81 MS Geosciences) is a reference librarian at Tennessee Technological University and is the head of Government Publications, Maps & Microforms with a specialty in the engineering field.

Martin Leipzig ('82 MS Geosciences) is the deputy director for new oil operations –southern Oman and senior production geologist– south for PDO (Petroleum Development Oman), a hydrocarbon exploration and production company based in the Sultanate of Oman.

POW-WOW HIGHLIGHTS ALUMS

By Beth Stafford

The 30th Annual UWM Autumn Pow-Wow held in October featured a special focus on UWM's American Indian alumni, with alumni invited to dance, visit with old friends and meet current students. Alums also were asked to bring along their business cards, plus pictures, memories and stories to share. The event drew alumni from as far away as Montana.

A photo display of alumni drew attention, and an honor dance for alumni was held. The pow-wow is sponsored by UWM American Indian Student Services and American Indian Student Association.



TER JAKUBOWSKI '07

LEADING THE POW-WOW:

- Art Skenandore ('91 MS Administrative Leadership), master of ceremonies, Oneida Nation
- Pat Logan ('88 BS Community Education), head female dancer, Ho-Chunk Nation
- Pete King ('04 BA Communication), arena director, Oneida Nation
- Dana Bzdawka ('96 BA Journalism and Mass Communication), head singer of the Host Drum (Duck Creek Crossing), Menominee Nation.



COSTA RICA CHARMS UWM ALUMS

By Debra A. Hagen '77

The UWM Alumni Association sponsored a nine-day trip to Costa Rica last October. After our first evening in the capital city of San Jose, we traveled to Tortuguero, one of the last remaining habitats of three endangered turtle species. Our habitat, the Laguna Lodge, was situated in the middle of the jungle, but included comfortable rooms, private bathrooms with hot running water and poolside pina coladas.

We traveled down the canals to Tortuguero National Park, home to an abundance of tropical birds: the snowy egret, rosetta spoonbill, toucans and various species of herons. A large group of howler and white-faced monkeys also entertained us as they swung from branch to branch, greeting our arrival with a high-pitched screech. A few of us also had the pleasure of viewing giant sea turtles laying their eggs at night on Tortuguero Beach.

Our next destination was Arenal – home to the active Arenal Volcano, rain forests and lush, rolling farmland. A true highlight of our time in Arenal was ziplining. After being outfitted in zipline gear we were transported to our first takeoff point via aerial tram. We had a bird's-eye view of the rain forest and volcano. After a practice lesson the guide attached our two-handled steel pulley to the steel cable and off we went – zipping



through the forest at a speed of up to 52.2 mph, suspended up to 2,500 feet above sea level on cables between $\frac{1}{4}$ mile to a mile long.

Our final stop was Puntarenas – a beautiful city along the Pacific Ocean, where we could relax at the beach or pool, or embark on a crocodile safari. I opted for the safari, which included a leisurely boat ride down the river Rio Grande de Tarcoles, where we spotted crocodiles over 10 feet long. Our guide stopped the boat and waded onto shore with "dinner" in hand. Soon enough, a 10-foot-long crocodile ambled onto shore to snatch his chicken dinner while we snapped pictures. Continuing down the river, we saw cormorants, pelicans, egrets, scarlet macaws, osprey and more.

I can truly say "a good time was had by all." Costa Rica is a lush, colorful and vibrant country. Its residents were friendly and eager to make us feel welcome. As we ended our journey we all agreed that we could sum it up in two words...pura vida!*

*Literally translated, this means "pure life." For Costa Ricans and their guests, the phrase expresses a general feeling of enjoying life slowly and fully, among nature, and surrounded by family and friends.





Coming up...

The UWM Alumni Association is pleased to offer an exciting schedule of travel opportunities in 2008, which are available to alumni as well as their families and friends.

Tuscany & Italian Riviera, Sept. 26-Oct. 4

The best known of all Italian spas, Montecatini is located in the heart of Tuscany. Experience the exquisite beauty of the surrounding Tuscan landscapes with visits to Siena and Florence. The seaside resort town of San Remo, along the sun-drenched Italian Riviera, offers proximity to Monte Carlo and Nice.

Australia and New Zealand, Oct. 18-31

Start your journey in Sydney, then travel to Canberra, boasting cultural treasures, national monuments and lush parks, followed by Melbourne, the Victorian City. Head to New Zealand for two days in Auckland, an overnight in the country, visits to the Waitomo Caves, the geothermal spa resort of Rotorua and more.

Christmas Markets, Dec. 1-9

Let the magic of European Christmas markets in Germany's Alsace region and Austria, from Innsbruck to Salzburg, enchant you with handcrafted gifts from toys, wood carvings and candles to lambskin shoes and luscious delicacies.

For more information or a brochure, contact Erin Harrass at 414-906-4662, eph@uwm.edu.

MEET AMY LENSING TATE

LENSING TATE BRINGS NEW IDEAS TO A CLASSIC CAUSE - KEEPING ALUMNI CONNECTED

By Angela McManaman

University of Wisconsin–Milwaukee graduates with ideas about networking, using digital technology to stay connected, or suggestions for new features and information for the UWM Alumni Association Web site need to know Amy Lensing Tate.

Lensing Tate joined the UWM Alumni Association as a marketing specialist in August 2007. Although she originally hails from suburban Milwaukee, the journalism and political science graduate of UW–Madison spent six years working in nonprofit development and communications in Madison before coming to UWM.

As the former associate director of Madison's Henry Vilas Park Zoological Society, Lensing Tate admits that the switch from advocating for animals to supporting alumni was an interesting one. "Higher education is a very different environment."

But she says the transition is made easier by the interest and enthusiasm that the alumni she meets have for their alma mater.

"People are very proud of where UWM is heading," she says.



"This is an exciting time to be a part of the university, and it's reflected in the tremendous sense of pride that our alumni have for UWM.

"One alum I was working with told me he felt like his UWM degree was worth more and more every year, as the university's profile keeps rising."

To keep up with the university's elevated reputation and ever-growing list of alumni, Lensing Tate is focused on expanding the Alumni Association's electronic marketing efforts, as well as establishing corporate sponsorships and affinity partnerships.

In the meantime, she encourages

alumni to engage with the association and its membership to share their memories and experiences of UWM, and help brainstorm new ways to promote and support the university.

"We are just beginning our third year as a dues-free organization," says Lensing Tate. "Our membership base now includes all alumni, and we are continuing to enhance services and programs to keep alumni connected to the university and each other."

Alumni can contact Amy Lensing Tate via e-mail at lensing@uwm.edu.

Anne (Barrow) Lowery ('82 MA Economics) was recently promoted to associate vice president for academic affairs at the University of Mobile in Alabama.

John Rahaim ('82 MARCH) is director of the San Francisco Planning Department. Previously he was director of the Seattle Planning Department.

Jeffrey Trommer ('84 BS Geosciences) is an associate with Leggette, Brashears & Graham Inc., primarily involved with ground-water supply development.

Christopher Dunn ('85 PhD Biological Sciences) has recently become director of the University of Hawaii Manoa Lyon Arboretum. Previously he was the executive director for research programs and Smith Family Curator of Native Habitats at the Chicago Botanic Garden.

Dennis Manning ('85 BS Geosciences) has been working with the U.S. Department of Defense in St. Louis since 1985 and is currently working in the GPS Branch of the Geoscience Division at the National Geospatial-Intelligence Agency (NGA).

Renee Polubinsky ('85 BS Education) is the athletic training education program director for Western Illinois University, where she has been honored with three awards for teaching and faculty excellence.

Dave Rasmussen ('85 BS Computer Science) broke a world record as the tallest professional baseball player on May 6, as a member of the Saint Paul Saints minor league team in St. Paul, Minn., in a game against the Winnipeg Gold Eyes. Rasmussen, who stands 7-foot-4, says he prepared for his plate appearance by practicing at local batting cages and getting shown up by 8-year-old Little Leaguers. Mike Veeck, Saints owner/ president, is known for humorous promotions. Actor Bill Murray is the team's co-owner and "team psychologist." Rasmussen is a technical services specialist with University Information Technology Services at UWM.

Weng Kee Wong ('85 MS Mathematical Sciences) is a professor of biostatistics at UCLA's School of Public Health.

He is the biostatician in a project on scleroderma, supported by the National Institutes of Health

(NIH), and has also participated in NIH-supported research work in dentistry and environmental health science.

Donna Becker ('86 MS
Administrative Leadership)
has published a book,
"Queen Elizabeth I: A Woman
Transcending Her Gender"
(available from PublishAmerica.
com or Google under her pen
name, Jaye Fairchild). She
is an associate professor of
English at Concordia University
Wisconsin, in Mequon.

Fredy Canales ('86 MS Engineering) has been selected by United Migrant Opportunity Services (UMOS) as "Hispanic Man of the Year." Each year, UMOS honors Latinos who have distinguished themselves through their professional and personal accomplishments and community involvement.

Tom Mize ('86 MS Geosciences) is currently working for GX Technology in a "very tall airplane target" in the Galleria area of Houston, Texas. He helps manage seismic data strewn over hundreds of terabytes of disk space.

Rhoda Sherwood ('87 PhD English) has recently retired from teaching and is now editing a series of books for Marquette University Press in Milwaukee and is taking classes in theology.

Michael Heimert ('88 PhD Economics) is CEO and president of Ceteris Group, Chicago, and has been named as one of the world's leading transfer pricing professionals by International Tax Review for the last four years.

Thomas G. Smith ('88 BBA Marketing) was installed as secretary of Hospitality

Financial and Technology Professionals (HFTP) at the association's 2007 Annual Convention & Tradeshow in Jacksonville,



Fla. Smith is chief financial officer for the Ozaukee Country Club in Mequon, Wis.

CLASSNOTES

Laura Reich ('89 MS Geosciences) is a geophysicist with Marathon Oil Company in Houston.

1990s

Jennifer Johansson ('90 MS Geosciences) went back to get her teaching certification in 2000 after 13 years in environmental consulting for GeoTrans Inc. (formerly HydroSearch) in Brookfield. She is now an assistant professor at Alverno College in Milwaukee.

Athula Abeyratne ('91 PhD Mathematics) works for Medtronic, a manufacturer of electro-medical equipment in Minneapolis.

Karen C. (Schuppner) Leppert ('91 BBA Finance) has joined Stout Risius Ross Inc. as a senior manager in the Valuations & Financial Opinions Group. Her concentration is in machinery and equipment appraisal. She formerly was a director with American Appraisal Associates Inc.

Yang Zhang ('91 PhD Physics) is associate chair in the Department of Astrophysics at the University of Science and Technology of China.

Romkaew P. Broehm ('92 PhD Economics) is a principal with The Brattle Group, Cambridge, Mass., which focuses on the electric utility industry and specializes in the areas of market deregulation and oversight, and market power analyses.

Robert Caldwell ('92 PhD Physics) is an associate professor of physics and astronomy at Dartmouth University in Hanover, N.H.

Gregory Small ('92 MS Geosciences) is a senior geologist with American Engineering Testing in St. Paul, Minn. He is working primarily in the area of brownfield redevelopment, agricultural chemical assessment and cleanup, and industrial chemical site clean-up.

Matthew Banach ('93 BS Engineering) was recently promoted to vice president of engineering and manufacturing at Convia Inc. in Buffalo Grove, III. Roger Klein ('93 MARCH, '91 BS Architectural Studies) is a managing partner of Swanke Hayden Connell Architects (SHCA), where he serves a dual role in the firm's New York office as co-managing principal and principal of architectural design. Klein and a group of five UWM alums have designed the first major office building in Manhattan's Harlem neighborhood in three decades. Construction is currently under way, with a planned completion date in 2009. Other members of the design team are:

Charlie Thomson ('01 MARCH)
Yusuke Matsushita ('99 MARCH)
Joe Boyle ('04 BS Architectural
Studies)

Dustin Furseth ('05 BS Architectural Studies)

Mark Borucki ('96 MS Geosciences) is a senior project manager for GZA GeoEnviornmental Inc., an environmental and geotechnical consulting firm based in Pewaukee. His focus at GZA is environmental investigation and remediation for several major manufacturers. He recently became a CHMM (Certified Hazardous Materials Manager).

Malore I. Brown ('96 PhD Information Science & Urban Education, '92 MLIS, '91 MA History) has joined Sesame Workshop as project director for The Electric Company multimedia project. Sesame Workshop is the nonprofit, educational organization behind "Sesame Street" and other educational programming. She will oversee the relaunch of the classic series, ensuring it provides content that will strengthen literacy skills for children ages 6-8. Most recently, Brown was a consultant to libraries in the areas of children's literature and services, and grant reviewing. Prior to her work as a consultant, she was the executive director of the Association for Library Service to Children (ALSC), a division of the American Library Association. Brown was named a UWM Alumni Association GOLD (Graduate of the Last Decade) recipient in 2004. Jayne Koeslin ('97 BS Special Education) is the recipient of the 2007 Anne Sullivan Award at Canter Vocational High School in Winston-Salem, N.C. She's currently a teacher for Trainably Mentally Disabled 9th-12th graders.

Sumit Agarwal ('98 PhD

Economics) is a financial economist in the research department at the Chicago Federal Reserve Bank.



Prior to joining the Chicago Fed, he was a senior vice president and credit risk management executive in the Small Business Risk Solutions Group, Bank of America.

Lynn Riggs ('98 PhD Economics) is an economist with the Bureau of Economic Studies, U.S. Census Bureau, Washington, D.C.

Kim Wagner-Hemmes ('98 MA Art History) was recently elected to the executive board of the 2008 Peoria Film Festival in Arizona as the vice president of marketing and public relations. This summer, she also served as the local Phoenix producer for the national 48 Hour Film Project.

James Lowder ('99 MA English) is the editor of the recently released "Hobby Games: The 100 Best," from Green Ronin Publishing. The book features essays by 100 top game designers and publishers on the most interesting and enjoyable role-playing games, card games and board games of the past 50 years.

Tracey Sparrow ('99 MS Management) is the new CEO of the American Red Cross in Southeastern Wisconsin. The organization serves Dodge, Jefferson, Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington and Waukesha counties.

2000s

Emily Finzel ('00 BS Geosciences) works in the Energy Section of the Alaska State Geological Survey. She does oil and gas studies all over the state, but primarily on the North Slope/Brooks Range and the Alaska Peninsula. Eric Wightman ('00 MS Administrative Leadership) has been promoted from the dean of students at South Milwaukee Middle School to associate principal.

Peter DeYoung ('01 BS Nursing) is a lieutenant and flight nurse with the U.S. Navy. He was deployed to Al Taqadum, Iraq, last year, departing his home base in Great Lakes, III., and returning in September. His unit transported unconscious patients whose life-threatening injuries had been stabilized after surgery. "Several

of our nurses have had their helicopters shot at during their flights, so we are frequently reminded that



this isn't your average nursing job," he wrote. Read his blog at rniniraq.blogspot.com.

Sandra Cohen Margulius' ('01 MA Creative Writing) poem, "Aunt Betty," has been included in the new Holocaust anthology, "Blood to Remember: American Poets on the Holocaust," second edition. It can be ordered from Time-Being Books or Amazon.com.

John Pidgeon ('01 MA English) has published work in Poetry, The Formalist, The Journal of the American Medical Association, The Wisconsin Academy Review and The Journal of Nietzsche Studies.

Jen Collins' ('02 MA English) short story, "White girl/boy angst," was a top 10 finalist in The Southeast Review's "World's Best Short Short Story Contest." She has work forthcoming in RHINO, Pebble Lake Review and DIAGRAM.



All graduates of the University of Wisconsin–Milwaukee are members of the UWM Alumni Association. As a member, you can vote.

Dear Alum:

The terms of five of the 24 elected members of the University of Wisconsin–Milwaukee Alumni Association Board of Trustees will expire at the end of June 2008.

All alumni of UWM are entitled to vote to fill these vacancies. Online voting is encouraged. Go to alumni.uwm.edu, click on the election link and enter the Alum ID number (not letters, please) from the mailing label on your copy of UWM Today.

Paper ballots may be requested from Erin Harrass at 414-906-4662 or eph@uwm.edu, or by writing to the UWM Alumni Association, P.O. Box 413, Milwaukee, Wisconsin 53201.

All responses will remain confidential. Ballots must be submitted online or postmarked no later than March 31, 2008.

At right are brief statements from the candidates for these vacancies. Please vote for up to five candidates.

The Nominating Committee accepts nomination submissions throughout the year. If you or a UWM alumnus/a you know is interested in serving on the UWMAA Board of Trustees, I encourage you to contact the Alumni Association for a nomination form.

Gary L. Williams, Chair

UWM Alumni Association Nominating Committee

Alumni are cordially invited to the

UNIVERSITY OF WISCONSIN-MILWAUKEE ALUMNI ASSOCIATION ANNUAL MEETING

Wednesday, April 30, 2008

Reception 5 p.m.
Annual Meeting 5:30 p.m.

UWM Zelazo Center, Room 250 2419 E. Kenwood Blvd

Please RSVP to Erin Harrass at 414-906-4662 or eph@uwm.edu by April 16, 2008

UWM ALUMNI ASSOCIATION BOARD OF TRUSTEES ELECTION 2008

Candidate Statements

LINDA JACKSON COCROFT '79

Founder/Publisher, Black Women 50+

"A major aspect of my professional career has been devoted to building collaborative relationships, creating awareness of services and opportunities for organizations and individuals. I welcome the chance to add to this legacy of service while at the same time contributing to the vitality of the UW-Milwaukee Alumni Board."

MARSHALL L. GALLANT, SR. '73, '79

Retired (MPS), Adjunct Faculty, UWM School of Education

"I would be honored to become a candidate and serve on the board. I have many years of experience working with the university and have been part of a variety of committees and programs."

KATHRYN D. GILBERT '80

Associate Professor, Dance & Theater, Alverno College

"I am interested in serving on the UWMAA Board of Trustees. This interest is based on a 30-year relationship with the University of Wisconsin–Milwaukee. Spending several years on the campus for precollege programs, earning my BFA and continuing in graduate school, I am grateful for the many ways that I have been served by this institution. It is only proper that I enthusiastically pursue the opportunity to serve in this capacity. It would be a privilege to contribute my knowledge, time and creative spirit to the board."

KATIE SPARKS '03

Assistant Director of Development, Annual Giving, Medical College of Wisconsin

"It's hard to put into words my pride for UWM. I still stay in touch with my professors and I still stay connected to UWM. I have networked with other UWM alumni who are also proud that they are UWM alums. As a result, my sister and brother are both UWM alumni and I still live near campus. UWM has such a great community of educators, staff members and students that I would like to do anything I can to ensure that UWM is a successful organization, including enhancing the experience for alumni, expanding our partnerships within the community and being an advocate for the Emeritus Board and the university as a whole. Thank you for your consideration of me as a Trustee of the UWM Alumni Board."

FRED SITZBERGER '78

President, Sitzberger, Widmann & Co. SC

"The reason I would like to serve is to pay back the university for the positive teachers who have enabled me to be a successful CPA. The university is part of the community where I have chosen to live. As a community person, it is my responsibility to give back to those institutions that enrich the community. The university is one. I look forward to serving with all my best efforts to better the association for those who are members today and all future members."

KEEP IN TOUCH! SEND IN YOUR CLASS NOTES NEWS

Won an award? Started a business? Had an adventure? We'd like to hear about it. E-mail your Class Notes news to alumni@uwm.edu or write to UWM Alumni Association, P.O. Box 413, Milwaukee, WI 53201.

Please be sure to include your full name (including maiden name, if applicable), address, year(s) of graduation, degree(s) and major(s). Photos are welcome!

Subscribe to UWM Connection

UWM Connection, the university's monthly e-newsletter, keeps you connected to campus with news about special events, the latest research and programs, athletics and fellow alums. It's free! Subscribe today at www.alumni.uwm.edu.

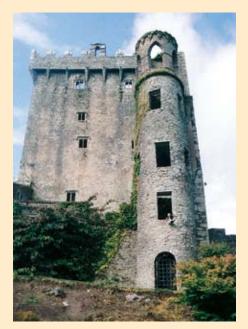
TEASPÁIN DO BHRÓD PANTHER! (SHOW YOUR PANTHER PRIDE!)

John Condron ('89 BS Secondary Education) shows his Panther Pride with son Michael at Blarney Castle near Cork, Ireland (yes, they kissed the Blarney Stone). John reports that the current Blarney Castle is the third on the site – built in 1446. John and his wife, Annette, celebrated their 10th anniversary during the trip. John is a senior chemist with the Wisconsin Department of Natural Resources' Wisconsin Laboratory Certification program in Fitchburg. Michael is a fourth-grader at CH Bird Elementary School in Sun Prairie. John's T-shirt is a souvenir from the 2001 UWM/ Milwaukee Brewers Homecoming, one of many alumni events he and his wife have enjoyed.

WHERE IN THE WORLD HAVE YOU DISPLAYED YOUR PANTHER PRIDE?

Send us a photo showing you, friends or family members who have taken the UWM name to far-flung or interesting parts of the planet. Prizes will be awarded to those whose submissions are used in the magazine. Don't forget to include a self-addressed, stamped envelope if you want the photo returned.

Mail photos to University Communications and Media Relations, UW-Milwaukee, P.O. Box 413, Milwaukee, WI 53201. Please include your name, address, degree year(s) and where the photo was taken.





Christian Harteau ('02 BS Biological Sciences) has joined the Dentists South Shore, Milwaukee. He was recently honored with the Community Dentistry and Dental Public Health Award by the American Association of Public Health Dentistry and Marquette University.

Brian Jacobsen ('02 PhD Economics) is chief economist and chief information and technology officer with Capital Market Consultants, Milwaukee. He also is a professor at Wisconsin Lutheran College.

Colleen Kelley ('02 BS Geosciences) is a district geologist working in the Allegheny National Forest in northwestern Pennsylvania. She works with the oil and gas drilling operations in the forest. Robbyn Schley ('02 MS Social Work, '98 BS Biological Sciences) was named Outstanding First Year Teacher by the Wisconsin Council of Teachers of English (WCTE). She currently teaches 9th and 10th grade English at Greendale (Wis.) High School.

John T. Bannen ('03 BA Spanish), a partner with Quarles & Brady LLP's estate planning team, has been appointed Wisconsin state chair of the American College of Trust and Estate Council (ACTEC). He is listed in "The Best Lawyers in America" and, in 2005, was named a Wisconsin Super Lawyer.

Matthew Schmaling ('03 BBA Finance) was recently promoted to commercial banking relationship manager with Wells Fargo in its new Boston office. Michael Belger ('04 MS, '03 BS Mechanical Engineering) is an analytical engineer for Spartan Light Metal Products in Sparta, III. This fall, he spoke about the metal-casting industry at the Foundry Educational Foundation's College Industry Conference in Chicago.

Cory Behnke ('05 MS Mathematical Sciences) is a general forecaster for the National Weather Service office in Detroit, Mich.

Sara Bruening ('05 MS Mathematical Sciences) is an atmospheric scientist at CH2M Hill, Hill Air Force Base, in Salt Lake City, Utah. Amy Richter ('05 BA Theatre) plays bodhran (traditional Irish drums) with the trio áthas ("joy and gladness"). She was the 2006 Midwest bodhran champ (adult division) and now teaches the instrument at the Irish Fest School of Music. The group released its debut album, "áthas," in August. www.athasmusic.com.

David Barlow ('06 BA Mathematical Sciences) is a GIS (Geographic Information Systems) technician for First Search Technology in Norwood, Mass.

Holger Huertgen ('06 MS Mathematical Sciences) is a junior analytic specialist at McKinsey & Company Inc. in Düsseldorf, Germany.

Kayunta Johnson-Winters ('06 PhD Chemistry) has won the prestigious Ruth L. Kirschstein National Research Service Award, a three-year grant that is awarded to a select few postdoctoral students nationwide. Johnson-Winters is a postdoc at the University of Arizona.

Barbara Kramer ('06 MS, '01 BA Mathematical Sciences) is technology manager at Wisconsin Women's Business Initiative Corporation in Milwaukee.

Kenn Zolltheis ('06 BS Education) was recently named Outstanding First-Year Teacher for 2007 at the Katy School District in Katy, Texas. In addition to teaching fifth grade at Rhoads Elementary, he serves as a mentor in the district's Keep Encouraging Youth toward Success (KEYS) program.

Victor E. Panther ('07 BS Mascotology), at right in the photo, has graduated from the university after 42 years. Athletics Director Bud Haidet presented Victor with his diploma during the annual Panther Madness event at the Klotsche Center in October. Pounce the Panther, who will try to fill Victor's...um...paws, was introduced at the event.



ALAN MAGAYNE-ROSHAK '72

THE UWM ALUMNI ASSOCIATION: WHAT'S IN IT FOR YOU?

As a UWM graduate, you automatically are a lifetime member of the UWM Alumni Association (UWMAA). We encourage you to participate in our activities, which are designed to help you stay connected to UWM and to rekindle, ignite and recharge your Panther spirit. Here are just a few of the services offered by the UWMAA and fun ways you can become active:



ALUMNI CAREER SERVICES

We provide career advice and counseling, alumni-focused continuing education courses, along with mentoring and networking opportunities.

BENEFITS

We offer a host of benefits and services – online, on campus and around the world – that can save you money on everything from auto and health insurance to loan consolidation.

ALUMNI CHAPTERS

Get a direct link to and an opportunity to remain involved with a specific UWM department/college/school or personal interest area. The UWMAA also is setting up regional chapters that will allow alumni to connect and network with fellow alumni in other states and countries.

EVENTS

Take part in fun and exciting events, including the Panther Prowl run/walk for scholarships, UWM Day at Miller Park or UWM Night at the Bucks Game, rallies before UWM basketball games, family outings and more.



PANTHER ADVOCATES

Participation in this grassroots advocacy coalition of UWM alumni allows you to use your networking and professional contacts to be an effective and powerful advocate for UWM and higher education (see page 13).

TRAVE

Our travel program provides you with discounts on great trips. Our 2008 travel itinerary includes getaways to Paris, Tuscany and the Italian Riviera, Australia and New Zealand, and Christmas markets in Europe (see page 26).

VOLUNTEERING

Stay connected to UWM by volunteering – serve as a mentor to a student, join Panther Advocates, help out at UWM's booth at the Wisconsin State Fair or one of our other events.



Check out our Web site – www.alumni.uwm.edu – to learn how you can get involved with the Alumni Association and the university.



THANK YOU!

Thanks to all of our donors, the Campaign for UWM raised a record-breaking \$125,074,283!

UWM students and faculty – as well as Wisconsin citizens – will benefit from your generosity for generations to come.

We will proudly publish a list of our campaign supporters in the coming months.



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