

# UWWM TODAY

THE ALUMNI MAGAZINE OF THE UNIVERSITY OF WISCONSIN-MILWAUKEE

ANNUAL REPORT ISSUE



## RE-ENGINEERING OUR ECONOMY WITH STRONG PARTNERS

Michael Lovell,  
new dean of UWM's  
College of Engineering  
and Applied Science, believes  
the time is right for a closer  
alliance with business.



WINTER 2009  
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## FROM THE CHANCELLOR

### ENGINEERING COLLEGE IS BUILDING FOR THE FUTURE

As with so many important academic- and research-oriented initiatives at UW–Milwaukee, the future success of our College of Engineering and Applied Science (CEAS) relies on the university getting several things right. The good news – as you will read elsewhere in this issue – is that we already are moving in the right direction on many avenues leading to that success, including leadership, partnerships and facilities.

UWM is no different from private-sector organizations in that success starts with leadership. Our university in 2008 made the key decision to hire Michael R. Lovell as the new CEAS dean. He has built his own career as a scientist through research that was recognized by the National Science Foundation and Society of Mechanical Engineers. He also gained much important experience as an administrator through the development of several research centers while he was an associate dean and endowed faculty fellow at the University of Pittsburgh.

While we've brought in Dean Lovell in part because of his experience with building coalitions of research partnerships, the reality is that the CEAS faculty and staff have over the past several years done excellent work in this area. Just a few recent examples:

- Power management and hybrid vehicles: Yaoyu Li and Honda Corporation.
- Wind energy: David Yu, Adel Nasiri, Ryo Amano, Yaoyu Li, Jugal Ghorai and Paul Roebber (the latter two from the College of Letters and Science), and Eaton Corporation, ZBB Energy Corporation and We Energies.
- Solar energy: Yaoyu Li, Adel Nasiri, Greg Thomson and Chris Cornelius (the latter two from the School of Architecture and Urban Planning), and the U.S. Department of Energy.

Many individuals at our university are working toward creating modern facilities for this dynamic CEAS research. A majority of the college's research today is done at the outmoded Engineering and Mathematical Sciences Building – one of our campus's many 1970s-era buildings. It is very possible that, over the next decade, this may change.

In October, the Milwaukee County Board Committee on Economic and Community Development unanimously supported a resolution allowing county officials to formally negotiate with UWM for our possible acquisition of land on the Milwaukee County Grounds in Wauwatosa, about eight miles southwest of campus. By the time this column appears in UWM Today, the negotiations may be steps closer to creating the Michael J. Cudahy Innovation Park on that property.

The academic and master planning processes currently under way at UWM will ultimately determine which programs and facilities will be located in the Innovation Park, but CEAS is certainly an excellent candidate.

Further developing the College of Engineering and Applied Science is of great importance to UW–Milwaukee. I am sure that, after you read the other articles in this issue about what is already going on at CEAS, you will be as excited about its future as I am.



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## UWMTODAY

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**On the cover:** Michael Lovell, new dean of UWM's College of Engineering and Applied Science, believes the time is right for a closer alliance with business.  
Photo of Michael Lovell: Alan Magayne-Roshak ('72)  
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Concept and design: Ellen Homb ('82), 2-Story Creative

—Carlos E. Santiago  
Chancellor

## **PANTHER ADVOCATES NEEDED**

POISED TO ADD TWO NEW SCHOOLS, UWM SEEKS THE SUPPORT OF ALUMNI, FRIENDS



UWM is taking the final steps toward establishing the new School of Public Health and School of Freshwater Sciences. Chancellor Carlos E. Santiago is asking UWM alumni and friends to help by advocating for the new schools on behalf of the university.

The School of Public Health and School of Freshwater Sciences will be the first new academic units at UWM since the School of Allied Health Professions (since renamed the College of Health Sciences) was created in 1975.

The UW System Board of Regents unanimously approved both new schools in June. By state law, the Wisconsin State Legislature makes the final decision on new academic units at all UW System institutions. It is expected to consider resolutions establishing the schools in January 2009.

“Through our continuing conversations with state legislators, we believe we have excellent support for the new schools,” said Santiago. “Senators and representatives from across the state have told us that they appreciate this work being done in Milwaukee on behalf of the people of Wisconsin.

“I believe that our alumni can help us get final approval by contacting legislators on our behalf. We want to be sure all know that the health of our citizens and our lakes and streams will greatly benefit from the research that will be done and students who will be educated by the faculty and staff of these two new schools.”

To learn more about supporting the university and these new schools by becoming a Panther Advocate, please go to <http://pantheradvocates.uwm.edu>.



## **PANTHERFEST ROCKS THE AMPHITHEATER**

More than 8,000 UWM students, as well as faculty, staff and alumni, arrived at the Marcus Amphitheater Sept. 5 for UWM's biggest event of the year: PANTHERFEST. A small crowd had gathered at the Amphitheater gates by noon in anticipation of headlining performances by Lupe Fiasco and Jack's Mannequin.

The music might have been the biggest draw for PANTHERFEST attendees, but it wasn't the only reason to turn up. A PANTHERFEST prize drawing included one year of free tuition, textbooks from the UWM Bookstore, a one-year supply of Chipotle burritos, the Pulse Smartpen and other prizes. In the hours leading up to the Amphitheater shows, an obstacle course, the Euro Bungee, salsa lessons and sports demonstrations, palm readings and other free activities kept the crowds busy.

“You should know, we've signed a contract for five more years,” UWM Chancellor Carlos E. Santiago told a screaming crowd moments before hip-hop artist Lupe Fiasco took the stage.

Five more years of PANTHERFEST is a good thing as far as UWM freshman Tsering Nangyar is concerned. “You guys got to do this again,” he encouraged event organizers as he and a group of friends took photos in front of the Amphitheater, then jumped on a shuttle back to campus.

# something great in mind.®

NAN FITZPATRICK



*The Robert and Jean Miller family from Minneapolis investigates erosion at the UWM booth in the Wisconsin Products Pavilion.*

## A GREEN TIME WAS HAD BY ALL

Nearly 100 volunteers and student employees from across the university helped UWM maintain a proud Wisconsin tradition this summer.

Volunteers and UWM Bookstore employees staffed the UWM booth in the Wisconsin Products Pavilion at the 2008 Wisconsin State Fair.

Fairgoers dropped by to get their hands dirty at a sand table that modeled water erosion, get up close and personal with live quagga mussels (the mussels were mating at the State Fair, hence the murky water), pick up a sampling of wildflower seeds and environmental tips on Greensmart magnets, and more.

The biggest hit at the UWM-goes-green booth? A miniature model of the Solar Decathlon House, contributed by the university's 2009 Solar Decathlon team from the School of Architecture and Urban Planning and College of Engineering and Applied Science. Fairgoers wanted to know how much weight the solar panels could bear, how much an energy-efficient home might cost and how the team plans to deliver the full-scale model to Washington, D.C., for the 2009 competition (see page 17).

Others took photographs of the model, brochures that highlight the schools and colleges at UWM and the new Viewbook. A few said they'd see us at Open House in October.

## PROSPECTIVE STUDENTS CHECK US OUT

Nearly 3,500 prospective UWM students, their family members and friends, descended on the UWM Union and Sheldon B. Lubar School of Business during Open House weekend, Oct. 31-Nov. 1.

They grabbed some Halloween candy, completed on-site applications to UWM and asked questions.

These included:  
"Do you have a gymnastics team?"

"Do you have a wrestling team?"

"What are my chances of getting into a dormitory?"

"Can you learn to take pictures like this at UWM?"

asked two young visitors, as they sifted through pages of the latest issue of UWM Today.

Open House attendees also took trolley tours of the neighborhoods around UWM and campus walking tours. Some 1,850 visitors participated in more than 100 tours.



ALAN MAGAYNE-ROSHAK '72

## PANTHER FAMILY WEEKEND PACKS 'EM IN

Some families will go to great lengths – think several thousand miles – to see what their loved ones are doing at college. So when the Department of Recruitment and Outreach advertised the university's first-ever Panther Family Weekend Oct. 10-11, nearly 700 parents, grandparents, siblings and other family members gathered at UWM.

Events included a traditional Milwaukee fish fry, a performance by ComedySportz, breakfast with Chancellor Carlos E. Santiago, free films at the Union Theatre and a men's soccer game.

"The response to this event was overwhelmingly positive, both from within the campus community as well as from our visitors," says Jan Ford, executive director of Recruitment and Outreach. "With families playing such a large role in today's student college experience, it was wonderful to see such a great turnout and a great sense of fun and festivity."



JAN FORD

*UWM mascot Pounce poses with a Panther family at Saturday's soccer game.*



JAN FORD

*Panther families enjoy a Milwaukee tradition: a Friday night fish fry.*

## USHERED PANTHERS INTO REGIONAL AND NATIONAL PROMINENCE

### **BUD HAIDET ANNOUNCES RETIREMENT**

UWM Director of Athletics Bud Haidet has announced his retirement from UWM, effective in July 2009. He made the announcement during a September news conference at the Klotsche Center.

Since being hired in 1988, Haidet has led UWM to unprecedented athletic and academic heights. He has guided the program from NAIA status back to NCAA Division I competition and then established UWM as a powerhouse in the Horizon League. Along the way, Haidet helped UWM athletics build a national reputation, highlighted by a men's basketball run to the Sweet 16 in 2005.

In short, he leaves behind a highly successful and respected program that looks nothing like the small program he took over some 20 years ago.

"As you can imagine, this is a time of mixed emotions," Haidet said. "While I am excited to turn to a new chapter in my life, I am saddened to be leaving a profession I love. More so, I am saddened to be leaving a university and administration that gave me the chance to be an athletics director, and to be leaving a loyal and highly skilled staff as well as all of our Panther fans and friends."

"Among the many impressive qualities Bud brought to UWM was his steady leadership through the most successful and the most challenging times," Chancellor Carlos E. Santiago said. "He enlisted excellent coaches and support staff who in turn could develop student-athletes to be victorious on the fields of competition, and in the classroom and community.

"Plus, he helped us greatly upgrade UWM athletic facilities with the limited resources available."

#### **A REMARKABLE RECORD**

The consistent accomplishments during Haidet's tenure are remarkable.

Thanks to incredible success in a number of sports, the Panthers have won the Horizon League's McCafferty Trophy four times while winning the league's Women's All-Sports Award seven times and the Men's All-Sports Award three times.

Since the transition to Division I in 1990, UWM teams have won 85

league regular-season, tournament and championship titles, while Panther coaches have claimed 67 league Coach of the Year honors.

UWM teams have also excelled on the national stage. Panther squads have made 27 NCAA Tournament appearances, while individual UWM athletes have appeared in the track and field national championships seven times.

Haidet has helped improve the athletics facilities at UWM. Highlights include the construction of the Pavilion, which opened in 2006 and houses the department's administrative offices as well as new locker rooms, team rooms, weight room and sports medicine facility. He has also helped guide continued improvements to the Klotsche Center and directed the addition of lights to Engelmann Field.

#### **SUCCESS ON THE FIELD AND IN THE CLASSROOM**

UWM's student-athletes have succeeded in the classroom during Haidet's tenure. Fifteen student-athletes have earned Academic All-America honors, while UWM has also consistently been at or near the top of the Horizon League in the number of student-athletes on the league Honor Roll.

Seventy student-athletes were honored by the league this past June, and the current cumulative grade point average of UWM's nearly 280 student-athletes is 3.172.

Haidet is quick to spread credit for the development of the program, pointing out that the strong commitment to athletics by the institution and the



ALAN MAGAYNE-ROSHAK

***Bud Haidet proudly displays UWM's four McCafferty trophies and Men's and Women's All-Sports awards.***

UWM Student Association has greatly contributed to the successful growth.

Part of that commitment is evident in the expansion of the athletics budget under Haidet, a figure that stood at approximately \$750,000 when he was hired and has grown to nearly \$10 million.

"It has been a great run with incredible growth in our program. We have accomplished a long list of great things and I have so many wonderful memories," Haidet said. "Although I step down leaving some of my dreams and visions for a future administrator – such as our need for an athletic village to meet our facility needs – I leave feeling 'Panther Proud!' I am leaving a successful program that clearly has the potential for continued growth."

# RE-ENGINEERING OUR ECONOMY WITH STRONG PARTNERS

By *Laura L. Hunt*

**Michael Lovell remembers when officials from Westinghouse Electric came directly to the engineering school at the University of Pittsburgh, where he was an associate dean, with pleas for more graduates trained in nuclear engineering.**

In response, Lovell worked with the company to develop a curriculum that would meet their work force needs.

**Lovell, the new dean of the College of Engineering and Applied Science (CEAS) at UWM, has experience in economic reinvention.**

Pittsburgh was a city similar to Milwaukee in its eroding old-economy manufacturing base. Today its companies are specializing in fields such as robotics, medical technologies and computer science applications, he says.

**So what is the secret to helping local industries morph into high-tech competitors?**

“Part of my responsibilities is to develop mechanisms to make it very easy for companies to engage with the university,” says Lovell.

**The first step, he says, involves students and faculty participating in curricular and research programs that address local industry’s problems or areas of interest. In the process, you produce the exact kind of engineers needed by those companies.**

## THE ROLE OF RESEARCH

For UWM’s college, the time for a closer alliance with business is right, he says. The worse the economy gets, the more impact a university – and its engineering school – can have.

“As soon as companies hit hard times, the first thing they cut back on is their own research and development (R&D),” Lovell says. “But their company continues to run as before. Only now there’s a limited influx of new ideas and discoveries.”

Fundamental research occurs organically at a university, he says. It isn’t constrained by risk and it’s powered by the work and ideas of students.

Expanding CEAS is one of UWM Chancellor Carlos E. Santiago’s priorities for growing funded research across the university, a move meant to transform the area’s economy and create sustainable economic growth for the region.

Statistics show that no region makes such a transition without a local research university fueling it, Santiago told the UW System Board of Regents last year.

But while UWM has produced world-class research in the arts, humanities, social sciences and professions, says Santiago, disciplines at the core of economic development, such as engineering, have been hampered by a lack of state-of-the-art facilities and equipment, too little support for graduate students and postdoctoral staff, and too few faculty in strategic areas.

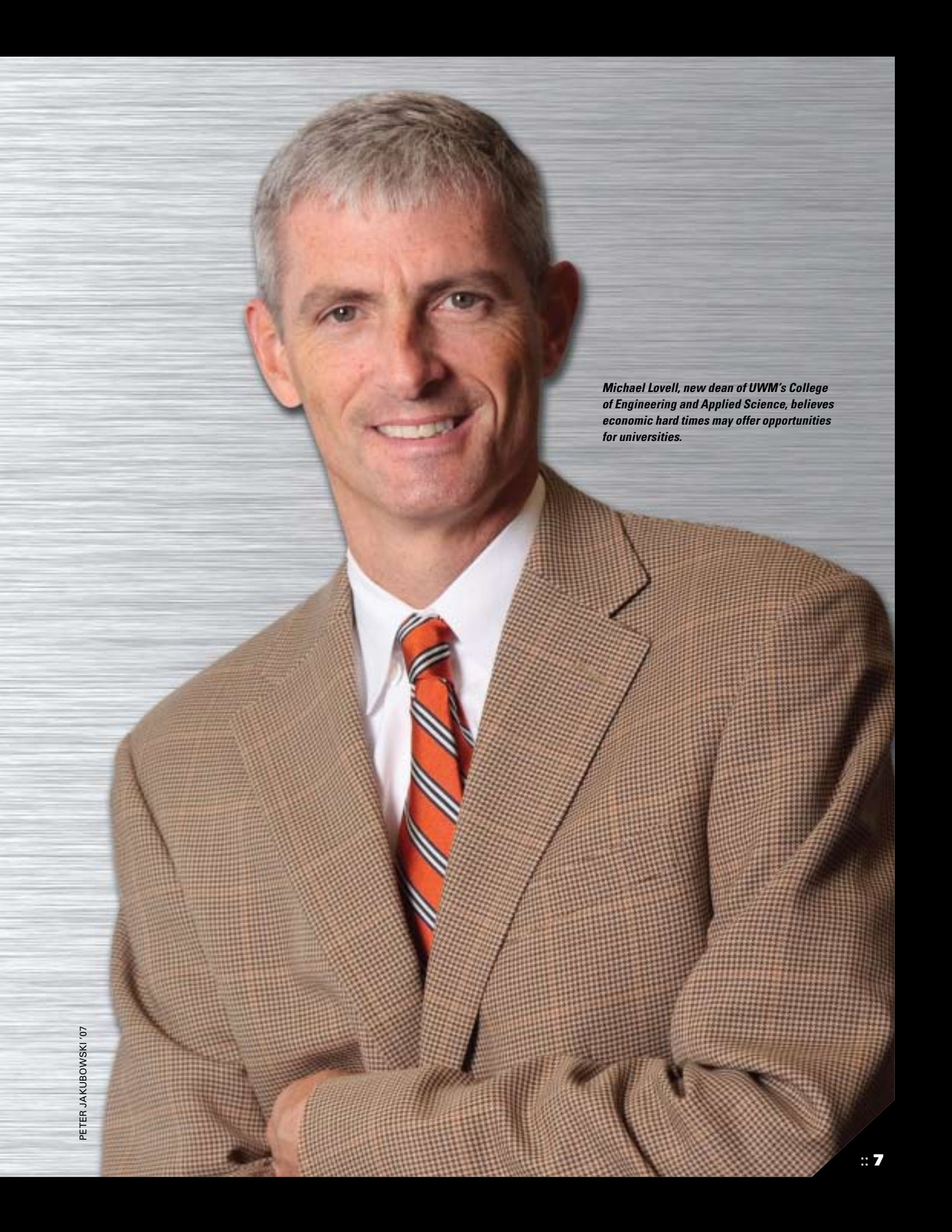
Thanks to a successful \$125 million community fund-raising campaign, the largest in UWM history, and new support from the state legislature, resources are available to support engineering and applied science.

“We are promoting the region’s growth agenda by making key investments in our faculty and facilities. The College of Engineering and Applied Science will be the heart of this key initiative,” says Santiago, whose aim is to triple UWM’s external research funding from its current base of \$33 million.

## BUILDING ON STRENGTHS

Meeting this goal will depend on targeting the university’s investment in areas where economic assets already exist: Santiago has identified clusters in health care, advanced manufacturing, biomedical engineering and freshwater sciences.

“Clusters are an excellent way to build on current and emerging strengths of the region,” says Bill Berezowitz, vice president and general manager of Imaging Sub-Systems for GE Healthcare Ltd. “They can help existing companies grow faster and foster innovation that creates new and exciting ventures, both of which expand the economic value of the region.”



*Michael Lovell, new dean of UWM's College of Engineering and Applied Science, believes economic hard times may offer opportunities for universities.*

**“ We are promoting the region’s growth agenda by making key investments in our faculty and facilities. The College of Engineering and Applied Science will be the heart of this key initiative. ”**

**– Carlos Santiago**

To support this process, the university’s budget request through the UW System has included funding to add a total of 40 new faculty positions to CEAS in the next three years. This year alone, Lovell will hire 21.

The dramatic increase will put CEAS on par with engineering schools of similar size at other research institutions. For example, the student enrollment of CEAS is roughly the same as Pitt’s engineering school – about 1,700 – but CEAS has 57 fewer faculty members.

“There’s a virtuous circle that happens when you attract scientific talent to the area,” says Berezowitz. “These people draw graduate students who come here specifically to work with them. Over time, that flows down to the undergraduate education process and reputation, attracting stronger freshmen from a wider base.”

Adding faculty, especially at the senior level, is critical, says Lovell, who will concentrate on creating critical mass in areas like biomedical engineering,

green manufacturing, and energy and environmental technologies.

“We can’t be good at everything. We can’t be the next Silicon Valley,” he says, “but we can draw from the regional assets. And there’s a lot that we do have.”

He cites a strong industry base, a large medical community with lots of clinical opportunities, and Lake Michigan, which he calls “a resource to study water that puts us ahead of the game.”

In fact, Lovell has aligned his hiring with the intent to establish research links with UWM’s proposed graduate School of Freshwater Sciences. Obviously, environmental engineering will have ties to freshwater, but so too does research in energy.

In addition to investigating alternative forms of power, he says, energy engineering is closely related to freshwater and other fields of specialty in the college.

“For new energy technologies, you need new materials and sensors. And a lot of solutions to our energy needs will come from work in nanoscience,” he

says. “But you also need water science, because water is involved in nearly all forms of energy or energy production.”

#### **GETTING RESULTS**

On the job for only seven months, Lovell already has results to show. He convened an advisory council comprised of 30 leaders of business in Southeastern Wisconsin. Half of them are UWM alumni, representing high-profile companies such as Johnson Controls, GE Healthcare, Harley-Davidson, Eaton Corporation, Oshkosh Truck Corporation and Badger Meter.

Lovell also established a Center for Advanced Materials Manufacturing within the college, and is creating a method for embedding industry projects into the curriculum so that students will work on them as part of their studies. The Industrial Innovation Institute (I<sup>3</sup>), which formally launches in September, will offer students unique project opportunities that are tied to the real world.

He also is in the process of hiring a director of corporate relations to act as

**“ Part of my responsibilities is to develop mechanisms to make it very easy for companies to engage with the university. ”**

**– Michael Lovell**

Partners: Carolyn Aita, Wisconsin Distinguished Professor, Materials Engineering, and Rockwell Automation **Coatings that shield products - and profits**

Put steel under a powerful microscope, revealing its microstructure, and prepare to be surprised. Known for its strength, the metal will appear pitted and pocked.

"It is intrinsic to the material," says Carolyn Aita, a Wisconsin Distinguished Professor at UWM. "A pit can begin to develop from a physiochemical defect in the steel itself."

The pitting is cause for concern for companies like Rockwell Automation Inc., a global industrial controls supplier headquartered in Milwaukee.

Rockwell's materials engineers are interested in protecting the metal parts the company manufactures – like enclosures that house electronics, for example – from conditions that cause corrosion.

But the research of Aita, who has an international reputation in the field of thin films for advanced materials, can help.

In her state-of-the-art lab at the College of Engineering and Applied Science, she has developed a host of coatings that heal shallow pits and fractures on almost any material – from metal to glass to silicon – and they are designed to protect the material from an equally wide range of adverse conditions, even salt spray and boiling oil!

Aita's research has been continuously supported by industry – a requirement of her Wisconsin Distinguished Professorship – since the program was launched by the UW System in 1988. That year she became the first faculty member in the UWM College of Engineering and Applied Science to hold the professorship.

In her current work, which is funded by Rockwell Automation through a Catalyst Grant from the UWM Research Foundation, Aita and her graduate students are creating new coatings that can adjust to corrosive conditions in an industrial setting.

In addition to natural imperfections, materials like stainless steel are susceptible to high humidity, temperature and industrial contaminants, says Christopher Genthe, a materials project engineer in Rockwell's Chemistry & Materials Engineering group who also is one of Aita's graduate students.

The "smart" nanolaminate coatings Aita's lab is developing are applied to the metal surface in ultra-thin layers, and together they adjust in response to a wide range of adverse conditions.

Achieving the right characteristics for these protective coatings depends on choosing the right combination of elements and manipulating them to act in a precise way.



Alan Magayne-Roshak '72

*Carolyn Aita, Wisconsin Distinguished Professor of Engineering, looks at magnified images of stainless steel with Rockwell Automation engineer Chris Genthe, who is also one of her graduate students. Aita's lab is developing coatings that can stop corrosion before it starts.*

For the Rockwell project, the team in Aita's Advanced Coatings Experimental Laboratory (AceLab) uses hafnia, zirconia and alumina. The tiny crystals in the layers transform to surround and contain the defect.

It's the arrangements of the molecules in the tiny crystals embedded in a layer that ultimately determine film characteristics, says Aita.

"We understand how to make the tiny crystalline building blocks," she says.

She and Genthe are investigating a particular coating that was named in the funding, but they have since developed a second coating used for the same purpose.

"The results of Professor Aita's research will not only have a large impact on extending the life of Rockwell's products in industrial environments, but also on the local economy, which still includes many manufacturing-related industries," says Sujeet Chand, Rockwell's chief technical officer and senior vice president for advanced technology.

"Working together brings ideas for cost-savings and improved products."

Aita's lab group was the first to demonstrate the advantages of using nanolaminate architectures in ceramic films. Today, there is intense R&D in this area worldwide.

The work has applications in a wide range of industries, including manufacturing, optical products and biomedical devices, an area in which Aita holds two patents.

—Laura L. Hunt

the point person between the college and industry. Using such a liaison worked well for Pitt's college, he says, raising its involvement with industry by a factor of three in a short time.

Carnegie Mellon University and MIT are two places that also have used such a model.

And Lovell has other "best practices" in mind. He served on a committee convened by the National Association of Engineers that studied successful links between academia and industry.

The members found that MIT invited businesses to set up operations right on campus – in the same building as the school doing the research. "It made the relationships with the college seamless," he says.

Proximity also is important, he says, because it makes contact among the partners easier. That's why CEAS hopes to move a portion of its engineering campus to Wauwatosa to foster greater interaction between GE Medical, the Medical College of Wisconsin and Children's Hospital.

"The business community and medical researchers have ideas of what tools they need," he says. "So one role of the engineering college is to build functional prototypes for outside partners that can be commercialized and reach patients."

### QUALITY OF STUDENTS

Ultimately, though, the single most important thing CEAS can do is increase the numbers of engineers it produces. It is especially important for CEAS because UWM graduates are more likely than MSOE or Marquette graduates to stay in the region to work.

"If the U.S. is going to compete in the global economy, we need to encourage more students to choose the so-called STEM careers – those in science, technology, engineering and math," says Lovell.

Current predictions say that by 2010, 90 percent of all the world's engineers will be trained in Asia.

CEAS is doing its part.

The college was recently awarded

grants from the National Science Foundation that will greatly boost student scholarships in engineering.

Now Lovell is addressing freshman retention rates. By teaming up with UWM's College of Letters and Science, Lovell is creating an "integrated curriculum" to give an engineering flavor to freshman courses in math and chemistry.

"There will be engineering-only sections that include engineering applications for this material," he says.

Lovell believes it's important to create a learning community early on and allow younger students to do what they came here for – hands-on engineering projects.

Along with retention, Lovell says, the academic stature of the college's students is beginning to improve, and he hopes to continue the trend. Because of the quality of students applying to CEAS this year, the college turned away more students than it ever has.

"The better our graduates are," he says, "the better the region's industries will be."

## Specializing the work force - quickly

Responding to rapidly changing technology and the marketplace are the goals of two different "niche" graduate programs developed by UWM's College of Engineering and Applied Science (CEAS) with input from two high-tech companies.

One, created with GE Healthcare, offers GE Edison Engineers (a very selected group of GE employees) a jumpstart on a graduate degree. CEAS coordinates and sets the curriculum for the first three courses needed for the degree, while GE professionals teach the courses at their offices.

Employees then complete the master's degree in engineering on campus. There are currently a dozen GE Edison Engineers enrolled in UWM's graduate programs through this cooperative agreement.

CEAS has just created two new interdisciplinary graduate programs in energy engineering and is talking with Johnson Controls about becoming involved by providing instructors or sponsoring student fellows.

The interdisciplinary graduate degree and certificate program are currently open to engineering students, but the long-term plan is to make them available to students from fields such as architecture and business.

The companies also intend to offer graduate co-ops and internships to UWM graduate students in these fields.

"It's a great opportunity for them not only to train their own people, but also to screen talent and hire UWM students who are already familiar with their companies," says CEAS Dean Michael Lovell.

Educational partnerships like these are important to meet the needs of industry, but also the needs of all engineers, says Bill Berezowitz, vice president and general manager of Imaging Sub-Systems for GE Healthcare Ltd.

"The half-life of an engineer is short," says Berezowitz. "Much of what you learn in college becomes obsolete several years later. So it's really about lifelong learning."



Continuing and graduate education are strengths UWM offers to the engineering community, says Bill Berezowitz, vice president and general manager of Imaging Sub-Systems for GE Healthcare Ltd.

ALAN MAGAYNE-ROSHAK '72

—Laura L. Hunt

Partners: David Klemer, M.D., associate professor, electrical engineering, and BloodCenter of Wisconsin

## Tiny biosensors hold huge potential for human health

The blood in our bodies carries life-giving nutrients and oxygen. But it also contains information – biomolecules such as proteins and DNA that hold details of our medical past, and molecules that are markers of various diseases.

Many diagnostic tools are available to extract this information from blood, but they are usually expensive, tedious and time-consuming.

David Klemer, UWM associate professor of electrical engineering who also is a physician, believes he has found a better way.

Klemer is developing a novel, low-cost biosensor for detection of disease that holds the potential for high sensitivity and specificity. Now he and researchers at BloodCenter of Wisconsin are joining forces to test the device.

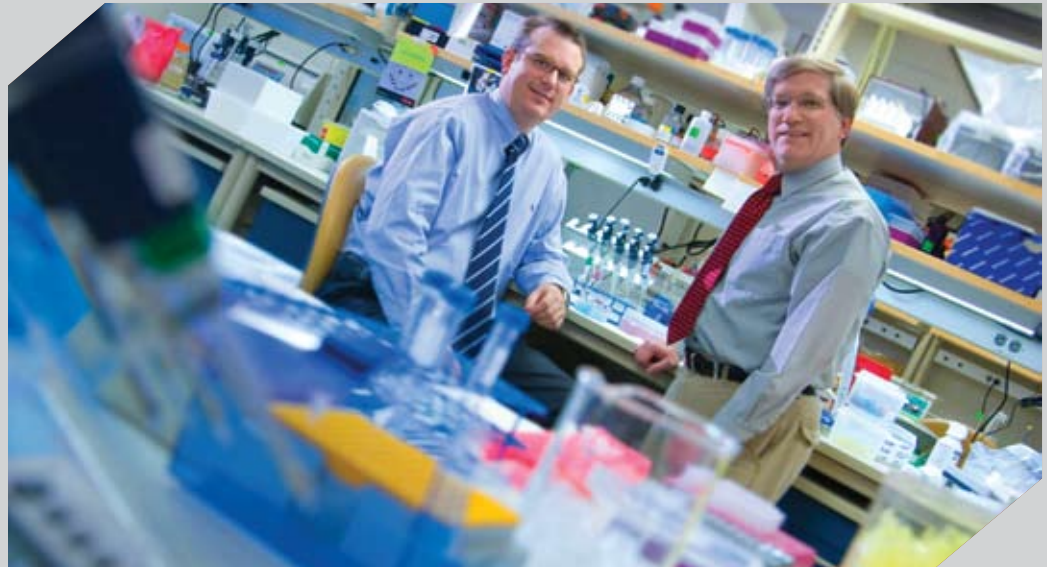
His unique fabrication method, similar to those used by the semiconductor industry to make computer chips, can produce an inexpensive device capable of rapid diagnosis from a patient's "molecular signature" in a single drop of blood.

One way the device works is by taking advantage of a "lock and key" mechanism similar to that used by the body's immune system, Klemer says.

Antibodies are proteins in blood that the immune system uses to identify and destroy invaders that cause disease. They do the job by finding and binding to a molecule called an antigen that is associated with a specific disease-causing pathogen.

With Klemer's sensor, a biomolecule, such as an antibody protein, can be attached to the surface and used to "recognize" the corresponding marker for a particular disease in the patient's blood.

A change in the electrical properties of the sensor is the sign that a match has been made.



PETE AMLAND

*David Klemer (right), associate professor of electrical engineering, and Brad Pietz, director of the Product Development Laboratory at BloodCenter of Wisconsin, are teaming up to test a new tool for diagnosing disease that was developed by Klemer. Pietz also is an MBA student at UWM.*

But the device could potentially find other evidence of health threats – molecular markers for the presence of cancer, antibodies that indicate exposure to an infectious disease, or fragments of DNA which indicate the presence of a genetic abnormality.

Funded by a Bradley Catalyst Grant from the UWM Research Foundation, the work may help advance the field of "personalized medicine," using information in a person's genes to predict disease before it begins and customize treatment for an individual's health concerns.

Klemer and Brad Pietz, director of the Product Development Laboratory at BloodCenter's clinical diagnostic laboratory, hope to use the sensor to detect a marker of a platelet disease called Neonatal Alloimmune Thrombocytopenia (NATP).

BloodCenter is a world leader in research on and testing of this disease, an incompatibility between the platelets of a pregnant woman and her fetus that can result in serious complications, including fetal intracranial hemorrhage and fetal death. NATP can occur during a woman's first pregnancy.

But detecting the potential for NATP is a costly and involved process, says Pietz.

The primary molecular determinant for this disease was discovered about 20 years ago by BloodCenter scientists. Since then, researchers have discovered the DNA sequences coding for about 20 additional antigens that can cause NATP.

"If we had a quick and inexpensive test for the predominant NATP-causing antigen, all first-time mothers could be screened for their predisposition to the disease," he says.

If successful with NATP, the scientists will test the device for the detection of other molecular markers.

"Contributions from researchers who have expertise across a wide range of disciplines makes this innovative research possible," says Jackie Fredrick '88, president and CEO of BloodCenter of Wisconsin and chair of the UWM Research Foundation Board. "It's one of the advantages of pairing the resources at UWM with other research talent in Southeastern Wisconsin."

—Laura L. Hunt



*The pipeline built by students and residents of Quejchip connects springs on the other side of a mountain to this concrete distribution tank at the village's edge.*

## Efforts of STUDENT ENGINEERS PAY OFF in GUATEMALA

After two trips to Central America, and hours of fund-raising, data collecting and engineering design work, UWM engineering students found out exactly how much work it takes to siphon drinking water more than a mile from its source over rugged terrain.

The UWM student chapter of Engineers Without Borders (EWB), barely two years old, has successfully built a water distribution pipeline for the village of Quejchip in the highlands of Guatemala. The growing village had recently purchased two new springs to help fill the demand for freshwater. But villagers had to find a way to get the water down the mountain, where they live.

The project put access to water a lot closer to home, but, unfortunately, the water remains contaminated with fecal coliform, including the bacteria *E. coli*.

So in addition to the engineering, students had to convince the villagers that the water would still need to be boiled or chlorinated before drinking. Graduate student Marissa Jablonski says

the residents were unaware that the water could make them sick.

"You could see how dirty the water was at the spring," says Jablonski. "There were animals grazing nearby, and yet people were fishing in it, kids were swimming in it. It didn't faze them."

Students taught villagers to test the water for the presence of *E. coli* by smearing a sample in a growth medium and watching for purple dots to appear, which helped them understand the importance of water treatment.

The experience inspired next year's project – to build a chlorination tank for the present distribution system, expand the pipes to reach more village homes, and construct latrines and a hand-washing station for the village's elementary school.

Fifteen members of the group traveled to Quejchip altogether, half in the summer of 2007 and the other half last summer. They discovered firsthand how the best-laid plans can go awry at the last minute.

"What we had on paper and what

we encountered in the field were very different. For one thing, instead of going around the mountain, they decided to go over it," says senior Scott Anderson.

The final engineering plans had to be reviewed and approved by the national EWB organization.

Working alongside three local masons and more than 50 laborers, the group constructed a spring box around the water source and transported water by PVC pipe to a concrete distribution tank at the village's edge.

"I was most impressed with how hard these people worked during construction," says Anderson.

"That determination is what the national EWB was looking for in a project," he adds. "It means the people take ownership of it and will take care of it for years to come."

For more on UWM's student chapter of EWB, visit: [ewb.uwm.edu](http://ewb.uwm.edu).

—Laura L. Hunt

# UWM ANNUAL REPORT



Chancellor  
Carlos E. Santiago

## 2006-07 FINANCIAL RESULTS HIGHLIGHTS

Compared to the 2005-06 fiscal year, UWM total expenditures increased by \$28.2 million (7.4 percent); total operating revenue increased by \$27.9 million (10.7 percent).

Tuition revenue increased by \$13.0 million (9.4 percent), primarily due to planned enrollment increases, student-initiated tuition differentials and general tuition increases.

Federal grants and contracts increased \$11.6 million (32.8 percent) due to an increased focus on the university's research mission.

## 2007-08 BUDGET HIGHLIGHTS

For 2007-08, tuition for UWM was increased by \$161 per semester for Wisconsin residents, both undergraduate and graduate. This represents a 5.5 percent increase for resident undergraduate students and a 4.0 percent increase for resident graduate students. For nonresident students, per semester tuition increased by \$225 for undergraduate students and \$161 for graduate students. This represents a 2.9 percent increase for nonresident undergraduate students and a 1.4 percent increase for nonresident graduate students.

The Governor's budget included \$10 million (including fringe benefits) System-wide to retain high-demand faculty. Milwaukee's share is \$642,600 (net of fringe benefits) split equally between years (\$321,300 per year).

The 2007-09 biennial budget included \$10.5 million (including fringe benefits) in Growth Agenda Funding for UW-Milwaukee. This amount includes funds for Powering Southeastern Wisconsin's Knowledge-based Economy (\$9.6 million), Teacher Education (\$176,300) and Nursing Education (\$739,200). These funds will not be available until the 2008-09 budget year.

The 2007-09 biennial budget also included a provision that required UW System to lapse \$25 million biennially. UWM's share of this lapse is \$3.2 million, \$1.6 million in each year of the biennium.

Pay plan for both unclassified and nonrepresented classified staff was 2.0 percent for 2007-08.

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, Associate Vice Chancellor,  
Director, Business & Financial Services

## UW-Milwaukee Statement of Revenues and Expenses FY2007

	Dollars (Thousands)	Percent
<b>Operating Revenues</b>		
<b>Operational Receipts</b>	<b>235,564</b>	<b>81.5%</b>
Tuition & Fees	150,830	52.1%
Auxiliary Enterprise	36,563	12.7%
Educational Activities	19,011	6.6%
Other Sources	29,160	10.1%
<b>Extramural Support</b>	<b>53,460</b>	<b>18.5%</b>
Federal Grants & Contracts	46,933	16.2%
State Grants & Contracts	6,527	2.3%
<b>Total Operating Revenues</b>	<b>289,024</b>	<b>100.0%</b>
<b>Operating Expenses</b>		
<b>Educational &amp; General</b>	<b>364,140</b>	<b>88.6%</b>
Instruction	147,883	36.0%
Research	41,557	10.1%
Public Service	19,126	4.7%
Academic Support	39,905	9.7%
Student Services	46,458	11.3%
Institutional Support	23,822	5.8%
Physical Plant	28,673	7.0%
Financial Aid	16,716	4.1%
<b>Auxiliary Enterprises</b>	<b>34,175</b>	<b>8.3%</b>
<b>Depreciation</b>	<b>12,808</b>	<b>3.1%</b>
<b>Total Operating Expenses</b>	<b>411,123</b>	<b>100.0%</b>
<b>Operating Income (Loss)</b>	<b>(122,099)</b>	
<b>Non-Operating Revenues (Expenses)</b>		
<b>State Appropriations</b>	<b>104,093</b>	<b>77.7%</b>
<b>Gifts</b>	<b>9,505</b>	<b>7.1%</b>
<b>Capital Contributions</b>	<b>10,251</b>	<b>7.6%</b>
<b>Other</b>	<b>10,228</b>	<b>7.6%</b>
<b>Total Non-Operating Revenues (Expenses)</b>	<b>134,077</b>	<b>100.0%</b>
<b>Increase in Net Assets</b>	<b>11,978</b>	

## UWM BOARD OF VISITORS 2007-08

The UWM Board of Visitors was created in 1977 by the UW System Board of Regents "to become informed about the mission, purposes, achievements and problems of the University of Wisconsin—Milwaukee." The board meets four times a year, with 18 to 20 members who are asked to serve by the Regents. Members are drawn from business and industry, education and health care organizations throughout the Greater Milwaukee area.

### OFFICERS

President: Art Smith  
Vice President: Helen J. Harris '64  
Secretary: Nancy Hernandez '83  
Immediate Past President: Richard J. White

### VISITORS

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

### EX-OFFICIO MEMBERS

Tommy Hughes, Student Association  
Jon Lenicheck, Academic Staff Committee  
Janet Lilly, University Committee  
Tom Luljak '95, University Relations and Communications  
Todd Montgomery '75, '84, Alumni Emeritus Board  
Joan Prince '77, '82, '92, '99, Partnerships & Innovation  
Carlos Santiago, Chancellor

# UWM FOUNDATION ANNUAL REPORT

## GREETINGS!

Remarkable people and record giving led to extraordinary progress for the University of Wisconsin–Milwaukee this past year. You, our donors, broke the previous fund-raising record, contributing more than \$38.6 million in gifts, pledges and planned gift commitments. Over \$37 million of this total was given directly to the UWM Foundation. This represents a remarkable 47 percent increase over last year's fund-raising total and a 23 percent increase over the previous record high.

The UWM Foundation is also responsible for managing the university's endowment. As we are all aware, this has been an extraordinarily difficult year for investors everywhere. We ended the fiscal year with a -9.49 percent equity return, and while it may be small consolation, that beat the S&P 500 Index, which was down 13.12 percent over the same period. The fixed return was 7.49 percent, ahead of the Lehman Brothers Aggregate Index (7.12 percent). Thanks to David Nicholas '87, who continues to do a great job as chair of the Investment Committee during these difficult times.

The affiliated UWM Real Estate Foundation and UWM Research Foundation both continue to serve as integral parts of the UWM Foundation. Just one year after the very successful completion of the RiverView Residence Hall project, the UWM Real Estate Foundation selected a site for its new student residence hall development. Located at the northwest corner of East North Avenue and North Cambridge Avenue, this site is directly across the river from RiverView Residence Hall and will be called Cambridge Commons. The location will best meet the needs of students and will provide sufficient space for a creative design solution incorporating many green and sustainable building features.

The UWM Research Foundation completed its second year of operations and is already making an important impact on UWM's research mission. The Research Foundation manages a growing portfolio of intellectual property and in 2008 completed a license agreement with a local bioscience start-up company. This agreement highlights the impact that the university's research can have on the local economy; it pairs UWM technology with an experienced management team in a local company that can grow jobs locally and has already helped attract external funding for the enterprise.

Finally, I would be remiss if I didn't say a few more words about how the current economy affects us. As noted above, the downturn in the economy has negatively impacted our endowment. However, we have outperformed the market, and sound investment policies have protected us as much as possible. Again, it's thanks to our donors who have such a passion for UWM that we are able to continue to carry out our important work in these challenging times. Your confidence in the university and its ability to transform lives and shape the future is reflected in the support the Foundation receives. Thank you so much for your trust and the support you give to the UWM Foundation.

To learn more about giving to UWM, or about the UWM Foundation's investment policies and history, contact Patricia Borger, Vice Chancellor for Development and Alumni Relations, at 414-229-3013.

Sincerely,



– Bruce T. Block  
Chair, Board of Directors  
UWM Foundation



## UWM Foundation Inc. Board of Directors 2008-09

### OFFICERS

Chair: Bruce T. Block

Vice Chair: Art Smith, Nominating Committee Chair

Secretary: F. William Haberman

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### DISTINGUISHED AND EMERITUS DIRECTORS

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Mark G. Doll '71, '75

Curtis C. Gielow

Katherine Gute

## Fiscal Year 2007-08

### GIFTS & PLEDGES BY DESIGNATION

Chancellor's Fund	\$12,500	0.03%
Departmental/Faculty	\$5,628,532	14.58%
Research	\$1,498,380	3.88%
Scholarship	\$1,691,622	4.38%
Special Project	\$27,286,286	70.66%
Others	\$224,150	0.58%
Planned Gifts	\$2,275,000	5.89%
<b>Total</b>	<b>\$38,616,470</b>	<b>100.00%</b>

### GIFTS & PLEDGES BY SOURCE

Alumni	\$10,885,542	28.19%
Bequests: Alumni	\$400	0.00%
Bequests: Non-Alumni	\$217,247	0.56%
Family Foundations	\$502,701	1.30%
Corporations	\$3,356,864	8.69%
Foundations	\$6,553,929	16.97%
Individuals	\$12,696,473	32.88%
Others	\$2,128,314	5.51%
Planned Gifts	\$2,275,000	5.89%
<b>Total</b>	<b>\$38,616,470</b>	<b>100.00%</b>

### GIFT RECEIVING ORGANIZATIONS

UWM Foundation	\$37,175,952	96.27%
Graduate School	\$859,478	2.23%
UW Trust	\$357,785	0.93%
UWM Athletics	\$223,255	0.58%
	<b>\$38,616,470</b>	<b>100.00%</b>

### INVESTMENT AT MARKET VALUE

YEAR	Fixed Income	Cash Equivalents	Equities	Total
2008	\$32,676,696	\$8,691,371	\$30,608,543	\$71,976,610
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

## BORGER NAMED VICE CHANCELLOR FOR DEVELOPMENT AND ALUMNI RELATIONS

By Beth Stafford



Patricia A. Borger, UWM's new Vice Chancellor for Development and Alumni Relations, comes to the university from a position as Assistant Vice President at the University of Cincinnati Foundation.

"Patricia Borger's experience in Cincinnati and her related professional accomplishments make her particularly well suited to our needs here at UWM," said Chancellor Carlos E. Santiago. "We will be looking for her to further integrate alumni into the development process and elevate the role of the Office of Development as a resource for UWM schools and colleges."

She holds a Doctor of Law and a Master of Music in Music History from the University of Cincinnati, and a Bachelor's Degree, summa cum laude, from the University of Saint Francis.

Borger says she was not really looking to leave her position at Cincinnati, but after visiting here, Milwaukee and UWM seemed a "great fit" for her. She was drawn to Milwaukee by the great arts scene and "absolutely loves Lake Michigan." Borger also sees many similarities between the two Midwestern cities – their history and current challenges.

At UWM, the challenges of her new position include "maintaining the momentum from the last campaign," Borger says. "I've learned that pride in the university grew over the course of the campaign, and I hope to expand that base of support."

"When I came for my interviews, I was told that UWM is poised to go on to the next level," says Borger. "It's exciting to join an effort where there is so much potential."

Borger believes that Chancellor Santiago's priorities of research and access provide an essential key to attracting new support for the university.

"We plan on identifying and reaching out to more of our alums and friends in the community," she says. "As a public university, UWM plays a critical role in the economic development of the State of Wisconsin. Part of my charge is to approach those stakeholders we know are out there, but may not have connected with the university."

On the alumni side, Borger believes that the fact that many UWM grads stay in Wisconsin provides a wealth of opportunities to keep alumni engaged with the university.

Asked about the particular challenges posed by the current financial climate, Borger notes that research shows that while some segments of the population plan to pull back on giving, other segments will increase giving. "Our task is to find ways for people to structure their gifts that take into account different economic situations. We will continue to invite our alums and community supporters to make a positive difference at UWM."

"While e-mail and other electronic media can help in keeping connected with alumni and donors, in the end it's still all about building relationships," says Borger. "Person-to-person is still the key as we invite prospective partners to join us and invest in the future."

# CAMPUS SUSTAINABILITY MOVES FROM CONCEPT TO CONCRETE

By Angela McManaman

Surplus is the new chic.

That's the message coming out of UWM's University Services Building. A midsection of that building has become a clearinghouse for campus cast-offs: a large, cracked mirror from the Dance Department, film reels from Peck School of the Arts, cube-like writing desks that served many students but remain sturdy enough for more. Even technical equipment – a spectrophotometer with a new market value of \$50,000; robots from the College of Engineering and Applied Science – cycle through this building.

Moving used but still functional equipment from one academic unit to another, says UWM Environmental Sustainability Coordinator and alumna Kate Nelson ('07 Conservation and Environmental Sciences), saves money and keeps bulky nonrecyclable items out of landfills. The surplus program also funnels items to UW–Madison's Surplus With a Purpose (SWAP) for public auction.

The underlying purpose of university surplus and other campus sustainability endeavors is threefold. Sustainability looks to improve systems and operations through a strengthened commitment to social responsibility, environmental stewardship and financial prudence.



**Farmers hand-picked these vegetables several hours before they were delivered to UWM from Montello, Wis.**



PETER JAKUBOWSKI '07

**Alumna Kate Nelson, UWM's first Environmental Sustainability Coordinator, and Dave Danielson, director of Physical Plant Services, talk sustainability in the University Services Building's surplus warehouse.**

"Sustainability deals with the processes that affect the entire campus: recycling, energy use, food supply," says Nelson. "'Being green' is more about practices that we incorporate into our everyday life – sustainability on a smaller scale."

## UNDERGRADUATE INSPIRATIONS

It's an issue that has been on Nelson's mind since she began studies in UWM's Conservation and Environmental Sciences program in 2005. A theater graduate, also, of Cardinal Stritch University, Nelson said UWM's proximity to Lake Michigan inspired her to think about how campus operations might affect one of the nation's greatest sources of fresh water.

"Anyone who goes to UWM has seen Lake Michigan," she says. "It's so beautiful and it's right there in front of us. I just wondered what we could do to protect the lake and beaches; it's something we have a responsibility to protect."

A film Nelson viewed at the Union Theatre, about locally grown food, further inspired her undergraduate activism. Within days of seeing the film, Nelson reactivated UWM's dormant Sierra Student Coalition and was talking with Restaurant Operations Director Scott Hoffland about the Union's food supply.

In the three years since that conversa-

tion, Nelson has graduated and completed her first year as UWM's first sustainability coordinator. Hoffland has just completed UWM's first semester under the "Buy Local, Buy Wisconsin" initiative, which Gov. Jim Doyle instituted to team Wisconsin farmers with institutional food buyers.

"I'm so proud of all the work that Scott Hoffland put into this program," says Nelson. "Everything from negotiating purchase authority to working directly with Wisconsin farmers."

"You have to consider how much the food costs, what's available in season; even look at the distance between livestock and the growing fields. It's a commitment."

## EVERYBODY'S DOING IT: SUSTAINABILITY IN HIGHER ED

With tough times facing both the economy and the environment, UWM isn't alone in developing more sustainable campus operations. Hundreds of academic institutions, from sprawling land-grant universities to tiny private colleges, have made sustainability an institutional priority.

But moving sustainability from concept into practice takes time and careful collaboration. Nelson says there is no other way to maximize sustainability across such

PETER JAKUBOWSKI '07



*UWM's largest green roof was installed on Sandburg Commons last summer.*

diverse processes as energy use, recycling, lawn care, alternative fuel for university vehicles and more.

"It's very challenging, but to solve complex, multidisciplinary problems, like responding to climate change or reducing our carbon footprint, you need a collaboration across disciplines," agrees Jim Wasley, an associate professor of architecture who collaborates with Nelson.

For example, Wasley recently participated in the construction of UWM's third and most ambitious green roof atop the Sandburg Hall Commons, with the support of University Housing Director Scott Peak.

He and Nelson are now pursuing similar progressive and artistic storm-water management goals at Lot #18, between Norris Health Center and the heating plant. The redesigned lot will feature a linear bioswale and spiral garden that will capture storm water to irrigate the garden's native plants, reducing storm-water discharges by up to 84 percent in a typical rain season.

Other projects on Nelson's "wish list" for the next two to three years include campus composting, new recycling containers and natural lawn care.

### MOVING AHEAD – SLOWLY AND SUSTAINABLY

"As a compact urban campus, we may be the most energy-efficient campus in the UW System due to our density," Wasley says. "People in our facilities area have made real progress toward energy efficiency in our heating and cooling systems."

On the "practice" side, there are other signs UWM is making strides toward sustainability:

- The UWM Bookstore no longer carries bottles made with the controversial plastic bisphenol-A.
- Nelson coordinated a Sustainability Fair in October, a Green Holiday Fair in December and a series of campus cleanups.
- A drop-off box in the Pavilion collects used sneakers to be recycled into play surfaces, or "tot lots," for kids.

For more on sustainability at UWM, visit: [uwm.edu/Dept/PPS/sustain/Sustainability.html](http://uwm.edu/Dept/PPS/sustain/Sustainability.html).

To shop UWM surplus or SWAP, visit: [uwm.edu/Dept/PPS/sustain/Surplus.html](http://uwm.edu/Dept/PPS/sustain/Surplus.html) or [bussvc.wisc.edu/swap/swap.html](http://bussvc.wisc.edu/swap/swap.html).

### New fund, new gifts promote sustainability

From building a solar-powered home to filling the university's Sustainability Fund, individuals from many corners of campus are boosting UWM's sustainability factor.

We Energies and the U.S. Department of Energy made lead gifts totaling \$300,000 to the Solar Decathlon project – a joint endeavor of students and faculty from the School of Architecture and Urban Planning and the College of Engineering and Applied Science. Additional donors throughout the state have stepped forward to provide funding, materials and expertise for the project.

Last spring, the U.S. Department of Energy selected UWM and 19 other universities to compete in the 2009 Solar Decathlon. Interdisciplinary teams of students and faculty are competing to design and build an 800-square-foot home that is powered entirely by solar energy.

The UWM house has been under design since spring 2008; a small-scale model was on display at the 2008 Wisconsin State Fair. Construction on the home will begin in February. The completed house will be shipped, via truck, to Washington, D.C., in fall. The competition takes place on the National Mall. The house will eventually be moved to the Menomonee Valley, as part of the Urban Ecology Center.



*A model of UWM's Solar Decathlon entry was displayed at this year's Wisconsin State Fair.*

GREG WALZ-CHOUNACKI

Another sign of progress: Environmental Sustainability Coordinator Kate Nelson just established a Sustainability Fund through the UWM Foundation.

"Not many academic institutions have a dedicated, endowed fund that draws contributions to exclusively support sustainability," Nelson says. "Sustainability improvements sometimes require little or no money for implementation, but that's not always the case. This fund can assist with some of our larger initiatives and sustainability upgrades at UWM."

Nelson is also working on campus sustainability tours for alumni, and other environmentally themed alumni events. If you'd like to know more about the sustainability fund or make a donation, contact Stephanie Ackerman, director of major and planned giving: [ackerman@uwm.edu](mailto:ackerman@uwm.edu); 414-229-3018.

# UWM ALUMNI ASSOCIATION 2008 AWARDS FOR TEACHING EXCELLENCE

Three members of the UWM faculty are recipients of the UWM Alumni Association's 2008 teaching excellence awards. John Heywood, UWM Distinguished Professor of economics, and Jeffrey Merrick, professor of history, received the UWMAA Award for Teaching Excellence. Journalism lecturer Jessica McBride received the UWM Alumni Association's Teaching Excellence Award for Non-Tenure-Track Instructors. They were honored at the Alumni Association's annual Holiday Reception in December.

## **AWARD FOR TEACHING EXCELLENCE John Heywood,** UWM Distinguished Professor of Economics

UWM Distinguished Professor **John Heywood** certainly has enough on his plate without the task of teaching.

The internationally known labor economist, who serves as the director of UWM's master's degree program in Human Resources and Labor Relations (MHRLR), has advised national trade unions, major employers, the World Bank, governments abroad, and state and local governments.

But Heywood says he would never give up teaching, because it allows him "to put on full display the thrill I get from practicing the discipline."

His students notice and are inspired.

Says one: "Professor Heywood's involvement in my education led to my evolution from a rather mediocre undergraduate student, struggling in economics, to a Ph.D. currently involved in economics research and teaching at the university level."

Heywood's research on the interactions between employers and their workers spans the globe – from the United States to China. By incorporating his research and teaching, both become richer, he says.

"This incorporation happens in every class, from my mass lecture for freshmen to my work with Ph.D. students," he says. "I enjoy it all."

His strategy also provides relevancy to a rising generation of young economists and "generates in them the knowledge, enthusiasm and creativity that will carry the discipline forward."

Former students say he really means it. Long after his graduate students finish their degrees, Heywood continues to provide them with professional guidance and career advice.

"All of his publications and working papers since his appointment to the rank of professor have been co-authored, most with young researchers new to the field," says Susan Donohue Davies, assistant direc-

tor of the MHRLR program and a former graduate student of Heywood's.

"This exemplifies John's belief that he best serves the profession when he assists other researchers in their development."

By his expertise, reputation and publication, another nominator says, "Heywood brings his students the most up-to-date content available. And he somehow manages to weave intellectual stimulation, rigor and fun into every class."

"Every class" may not be an exaggeration. In departmental surveys, students are asked to rate their instructor's overall performance in teaching the course. Heywood often receives a score of 5 out of 5, meaning that every student who answered the survey rated his performance as "excellent."

"I remember looking to see which classes he taught each semester," says one of his former students, "to see if I could gain from his wisdom just one more time."

## **AWARD FOR TEACHING EXCELLENCE Jeffrey Merrick,** Professor of History

**Jeffrey Merrick**, professor of history, has a commitment to undergraduate teaching that extends beyond his own classroom.

Merrick came to UWM as assistant professor in 1989 from faculty positions at Yale University and Barnard College. He earned his B.A. in history from Princeton University (1973) and Ph.D. from Yale (1979).

As department chair from 2001-04,



*Professor John Heywood, who researches satisfaction in the workplace, is responsible for his students' satisfaction in the classroom.*

Merrick "led us to examine our inherited departmental practices, revisit outdated policies, build on our strengths, and develop a shared vision and plan for the future," says Aims McGuinness, associate professor of history.

McGuinness points to a "new energy and sense of commitment and excitement" this infused into departmental academic life.

Under Merrick's leadership, the History Department initiated a series of meaningful discussions about new trends in history; hired new faculty with comparative and interdisciplinary research and teaching interests; and designed, won approval for and implemented a new Ph.D. program. The department also began revisiting curricular offerings for History's M.A. and B.A. programs.

Assistant Professor of History Nan Y. Kim-Paik describes how the Pedagogical Brown Bag Lunches, organized by Merrick, have tackled issues such as teaching writing, improving large lecture classes, preventing plagiarism and refining the articulation of common learning goals in courses across the department.

At the same time, Merrick has been involved in a number of campuswide

initiatives for improving undergraduate education across the university.

The efforts include the Teachers for a New Era project (for improving K-12 education through improved preparation of K-12 teachers), the recent Undergraduate Research Experience initiative and campus-wide initiatives on re-evaluating GER criteria.

Merrick also has offered a session on the mutual responsibilities of teaching assistants and departments at the Center for Instructional and Professional Development (CIPD) campuswide orientation for new graduate students.

“Expertise developed in the context of his department work has found further expression in his work with CIPD on Freshman Seminar faculty professional development and in workshops and materials he destined for departments interested in implementing curricular change,” says Anthony A. Ciccone, professor of French and director of CIPD.

Colleagues and students alike often refer to Merrick’s belief that the study of history goes beyond “what to know” and also should focus on “how to think.”

Kim Hurlebaus, a past student from Merrick’s Historical Research Methods class, says: “His discussions were informative and interesting, a combination that can be hard to find! One of the most frequent comments my classmates offered at the end of the course was how much they had learned in taking the course, and how they wished they had taken the course earlier, as the skills they now felt they had would have been extremely helpful in their other courses.”



*Professor Jeffrey Merrick distributes goat cheese to students in his Freshman Seminar on Marie Antoinette. The fifth cheese-tasting of the semester, this particular sampling resulted in very mixed reactions and was testimony to Merrick’s view that “laughter and learning are not incompatible.”*

## **TEACHING EXCELLENCE AWARD FOR NON-TENURE- TRACK INSTRUCTORS** **Jessica McBride, Lecturer, Journalism and Mass Communication**

Journalism lecturer **Jessica McBride** is known for her innovations in teaching and her mentoring of minority students.

“She has positioned our department as a pioneer in new media approaches for newspapers,” wrote nominator Jeff Smith, professor and outgoing chair of the Department of Journalism and Mass Communication.

He cited the department’s award-winning online newspaper, Frontpage Milwaukee (FPM), which McBride established without any funding or technical assistance, as one example.

McBride also established and advises UWM’s Minority Media Association (MMA), which provides a community for student journalists from underrepresented groups and brings professionals from the minority media to campus to share their experiences and views with students.

UWM senior Edgar Mendez wrote in his nomination that the MMA was vital in his professional growth. “I walked into the first meeting and saw the diversity that was lacking in the classes I attended.”

He continued: “The MMA and Jessica have given me a place to show leadership abilities and a place to immerse myself

in the world of media, not just as a reader or viewer, but as a journalist.” Smith notes that McBride has received consistently high evaluations from her students.

Students working in McBride’s courses have won numerous journalism awards. A series of FPM articles on Milwaukee police officers with criminal records was named



*Jessica McBride works with student Edgar Mendez, active in the Minority Media Association McBride advises.*

the best in-depth college online reporting in the nation by the Society of Professional Journalists (SPJ) in 2008. The paper also won awards in 2008 in the SPJ four-state competition.

“This incredible opportunity allowed for work – that may have never before left the classroom – to grab state and national attention and award recognition,” says student and nominator Rebecca Kontowicz.

McBride, who became a full-time lecturer in 2004, teaches approximately 230 students per semester. She has created courses on urban journalism, exploring the role of minority media and computer-assisted reporting.

Before joining UWM, McBride had 11 years of reporting experience at the Waukesha Freeman and the Milwaukee Journal Sentinel. Having earned her bachelor’s and master’s degrees from UWM, she has a strong commitment to the university and to teaching.

“Helping students find their potential and fanning that flame is a very positive experience,” she says. As a “news junkie” who enjoys knowledge and learning, she says she also likes being in the academic environment, where she can stay abreast of trends in delivering news and help direct the field as it changes. “That’s exciting.”

# UWMAA ANNUAL REPORT

## GREETINGS FROM YOUR ALUMNI ASSOCIATION



PETER JAKUBOWSKI '07

Enhanced communication and connection was the theme for 2007-08, and we successfully met those goals. Our e-newsletter was revamped to allow us to communicate more often with you. We published an alumni directory to make it easier for you to connect with your friends and former classmates. The last UWMAA directory was published in 1990.

We entered into an agreement with Google to offer UWM graduates a free e-mail account. The new uwmalumni.com address is now available to

all graduates (check our website to sign up). We have more than 1,000 alumni LinkedIn via the UWM Alumni Association LinkedIn Group.

We've expanded our benefits to include more discounts to programs, retailers and sporting events, both on and off campus, and more places to travel. Our alumni traveled to Germany, Costa Rica, Beijing, Paris and Tuscany. Closer to home, alumni traveled to Madison to visit our state legislators and represent the Alumni Association on UW System Spirit Day. And over 1,100 alumni and friends traveled 5 kilometers around campus and Upper Lake Park in our fourth annual Panther Prowl.

We supported students by awarding 12 scholarships and recognizing the achievements of two student-athletes. We hosted gatherings with the Student Association leadership and hosted Countdown to Commencement programs to help prepare seniors for graduation.

We recognized the outstanding achievements of our alumni by naming them as distinguished alumni in the areas of science, public service, health sciences, business and engineering, and art and design. We acknowledged the accomplishments of our alumni young, and more senior, by awarding 10 Graduate of the Last Decade awards and one Special Lifetime Achievement award. These individuals are truly some of the best and brightest, and exemplify the strength of a UWM degree.

Our alumni chapters featured workshops and forums with prominent alumni and faculty, provided professional networking opportunities, mentoring and awards programs. Our Emeritus Board worked on initiatives to support the Alumni Board priorities and the Chancellor's vision.

We have been busy, and we look forward to another year of connecting with you. Let us know what's happening in your life, attend an event, sign up to volunteer. This is your Alumni Association; let us know how we can make it meaningful to you.

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

## UWM Alumni Association Board of Trustees 2008-09

### OFFICERS

President: Christine J. Faltz '96  
Vice President: Lawrence J. Schnuck '78, '86  
Secretary: Allyson D. Nemecek '90  
Treasurer/Finance Committee Chair: Filippo Carini '88

### EXECUTIVE COMMITTEE

Alumni Chapters Committee Chair: Marshall L. Gallant '73, '79  
Honors Committee Chair: Andrea Hill Johnson '96  
Marketing & Communications Committee Co-chairs: Barbara D. Hunt '63, Jack S. Kaye '90, '00  
Nominating Committee Chair: Angela S. Brunhart '77, '97  
Immediate Past President: Timothy R. Schoewe '71  
Member at Large: Jack S. Kaye '90, '00

### TRUSTEES

Georgia M. Cameron '80, '90  
Deryl Davis Fulmer '90, '95  
Matthew M. Dumich, '99, '03  
Carmelo Gaudioso '97  
Kathryn D. Gilbert '80  
Elizabeth E. Hoppe '98, '99  
Linda Jackson Cocroft '79  
Dennis J. Pawlak '73, '75  
Frederick J. Sitzberger '78  
Kathryn A. Sparks '03  
Ellen L. Suttner '91

### EX-OFFICIO MEMBERS

Chancellor: Carlos E. Santiago  
Chair, UWM Foundation Board: Bruce T. Block  
President, Emeritus Board of Trustees: Susan B. Nelson '77, '81  
Distinguished Emeritus Trustee: John P. Tierney '36  
President, UWM Student Association: Tyler Draheim

### ALUMNI CHAPTER TRUSTEES

Association of African American Alumni: Clayborn Benson '87  
Architecture & Urban Planning: Eric J. Ponto '89, '96  
EMBA Alumni: Cindy Mand '04  
Engineering & Applied Science: Marc M. Melloch '00, '06  
Information Studies: Cynthia Jill Cherny '71, '85, '91  
Latino Alumni: Alberto J. Maldonado '96  
Letters & Science: Victoria Pryor '88, Erin Petra Harrass '80, '83  
Nursing: Jackie J. Davit '68  
Helen Bader School of Social Welfare: Sandra A. Chavez '91  
Master's in Urban Planning Alumni: Julie A. Esch '91, '94

**Fiscal Year 2007-08**

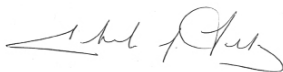
**REVENUES**

General Fund Revenue	\$159,717	42%
Program/Member Revenue	\$116,935	31%
Investment Income	\$4,106	1%
In-Kind Revenue	\$101,560	26%
<b>Total</b>	<b>\$382,318</b>	<b>100%</b>

**EXPENSES**

Administrative	\$116,249	35%
Honors	\$4,206	1%
Marketing	\$11,031	3%
Program	\$77,156	23%
Chapter	\$10,000	3%
Board Administration	\$5,027	2%
Awards Program	\$6,093	2%
In-Kind Expenses	\$101,560	31%
<b>Total</b>	<b>\$331,322</b>	<b>100%</b>

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



—Andrea Simpson  
Executive Director  
UWM Alumni Association

**PANTHER PROWL 2008**

By Peppy O'Neill



ALAN MAGAYNE-RSHAK '72

With a sunny backdrop and unseasonably warm temperatures in the mid-70s, a record 1,104 intrepid runners and walkers crossed the UWM campus and strode the trails of Upper Lake Park on Sunday morning, Oct. 12, at the fourth annual Panther Prowl 5K Run/Walk event.

Organized under the banner of the UWM Alumni Association, the event has raised \$35,000 in fees, pledges and sponsorships to date. Proceeds from the Prowl benefit UWM student scholarships and alumni programming.

In addition to the hundreds of individual striders who participated, the event attracted 44 teams, also a new high for the Panther Prowl. Additionally, an enthusiastic cadre of UWM athletes and other volunteers assisted with the event, including members of the university's cheerleading squad and 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 led pre-event warm-ups and offered first aid and other restorative activities during and after the race.

Event co-chairs and emcees for an After-Party celebration on Spaight's Plaza were Jan Krystkowiak, UWM alum and former women's basketball standout, who took the helm for a second year, and ABC-TV Channel 12 reporter and news anchor Shelby Croft.

The overall champions in both the men's and women's divisions are both from the UWM community – and both are the reigning overall champs of another popular area run/walk event, Al's Run. Overall champions of Panther Prowl 2008 are Nate Weiland, currently Assistant Track and Field Coach serving under Head Coach Pete Corfeld and a former distance runner for the Panthers, and Holly Nearman, a standout senior and UWM record-holder in the 5,000-meter run.

Special recognition was given in pre-event remarks to Paul Melrood, UWM Class of 1941 and a track star coached by the legendary John Tierney at UWM's predecessor institution, Milwaukee State Teachers College. Melrood, who is 88, is affectionately called the Patriarch of the Panther Prowl.

Eager runners and walkers can mark their calendars now for Panther Prowl 2009. It'll be held on Sunday morning, Oct. 11, and will be a part of the university's new Family Weekend celebration.

# VOTE :: [alumni.uwm.edu](http://alumni.uwm.edu)

## UWM ALUMNI ASSOCIATION BOARD OF TRUSTEES ELECTION 2009

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 11 of the 24 elected members of the University of Wisconsin–Milwaukee Alumni Association Board of Trustees will expire at the end of June 2009. All alumni of UWM are entitled to vote to fill these vacancies. Online voting is encouraged. **Go to [alumni.uwm.edu](http://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](mailto:eph@uwm.edu), or by writing to the UWM Alumni Association, P.O. Box 413, Milwaukee, WI 53201. All responses will remain confidential. Ballots must be submitted online or postmarked no later than **March 31, 2009**. Below are brief statements from the candidates for these vacancies. Please vote for up to 11 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.

—Angela S. Brunhart, Chair

*UWM Alumni Association Nominating Committee*

Alumni are cordially invited to the University of Wisconsin–Milwaukee Alumni Association Annual Meeting

Wednesday, April 29, 2009

Reception 5 p.m.

Annual Meeting 5:30 p.m.

UWM Zelazo Center, Room 250  
2419 E. Kenwood Blvd., Milwaukee, WI  
Please RSVP to Erin Harrass at  
(414) 906-4662 or [eph@uwm.edu](mailto:eph@uwm.edu)  
by April 16, 2009.

## CANDIDATE STATEMENTS

### TODD G. AUGUSTINE

#### '01 BS Criminal Justice

Owner, Todd Augustine Agency, American Family Insurance

“I am honored to be nominated as a Trustee for the Alumni Association Board. I owe a great deal of gratitude to the University of Wisconsin–Milwaukee. I spent some of the most memorable and challenging years of my life getting my undergraduate degree. Without these years, I would not be the person I am today, personally and professionally. I feel that the University of Wisconsin–Milwaukee is a growing institution on the cusp of greatness in many different areas, and I would cherish the opportunity to play a role in this development.”

### BRENDA A. BELL-WHITE

#### '76 BA Criminal Justice

Director, State of Wisconsin Department of Children and Families

“I am honored to be a candidate for the UWM Alumni Association Board of Trustees. As a very young girl I loved to read, to learn as much as I could and to share that knowledge with others. UWM provided me the opportunity to continue my love for learning on a higher level. I learned more, honed my leadership, communication, interpersonal skills and my ability to work with a diverse group of people during my university experience. The education I obtained at this university was top-notch, it has served me well throughout my professional life; I have had a progressive career, attaining promotions and more challenging

responsibilities consistently. I'm proud to be a product of this great institution, and I will be proud to become a member of the Board of Trustees to support the university as it continues to educate and provide opportunities to so many others.”

### FILIPPO (FIL) CARINI

#### '88 BBA Accounting & Finance

Chief Administrative Officer, United Way of Greater Milwaukee

“I graduated from UW–Milwaukee in 1988 and was the chief financial officer of the UWM Foundation between 1999 and 2003. As a child I lived two blocks from the university and had a strong feeling that my neighborhood included the campus and the students that resided in and around it.”

### BARBARA D. COOLEY

#### '78 BS Social Work, '91 MUP

Budget and Policy Analyst, Office of Resource Analysis, UWM

“I've been on the Board as a chapter president and have enjoyed it very much. I'd like to continue with the Board and contribute to its mission however best I can.”

### STEPHANIE A. EMONS

#### '99 BA Journalism and Mass Communication, '05

Graduate Certificate in Non-Profit Management  
Client Service Manager, Annex Wealth Management

“I have a deep love for this university and the students and alumni it serves. I truly enjoy my current involvement with this organization and

believe strongly in its mission and direction. I look forward to working on a greater level with this university, staff and volunteers to strengthen UWM as a world-class institution.”

### ANDREA HILL JOHNSON

#### '96 BFA Honors Dance, minor in

Comparative Literature

Artistic Director, DPC2, and Director, DancelAB at Danceworks

“As a UWM Honors graduate working in Milwaukee's dance community, I would be honored to participate in strengthening the relationship between past, current and future students. My commitment to Milwaukee's community and future is strong, therefore I would strive to continue the positive work of the Honors Committee as well as bringing my personal and professional experiences to the Alumni Association Board of Trustees.”

### BARBARA D. HUNT

#### '63 BS Elementary Education

Community volunteer

“My selection of UWM many years ago was because I knew it was a highly qualified university with a successful and proven elementary education program. It fulfilled my expectations; I graduated in 1963 with a BS degree in elementary education, and went on to teach in several school systems throughout the next 25 years. I bring an interest in serving as I feel my people skills and volunteer experience translate into a strong ability to analyze situations, determine needs and creatively offer ways to tackle the challenges that this Board

faces in showcasing UWM to alumni and the greater community in which they serve and live. My experience in direct marketing as a partner with my husband at Hunt Marketing Inc. for 10 years and my most recent experience in development, marketing and community relations at CUW have provided me with hands-on opportunity to build long-term relationships with universities, businesses, corporations and foundations. My experience on three major national boards, three local nonprofit boards and my years of leadership within those organizations prepared me in the volunteer arena where I could use the marketing, fund-raising and alumni management skills I have acquired. I eagerly look forward to working with other alumni in building a strong, productive and relevant organization that meets the needs of the alumni. Thanks for your consideration."

**PAUL M. MCGINLEY**  
**'01 BSE Mechanical Engineering**  
**Patent Agent, Widman, Harrold,**  
**Allen & Dixon LLP**  
**UWMAA Herman Kluge Senior**  
**Athlete Award recipient, 2000**

"I have an authentic desire to see UWM elevate to the upper echelon of American universities. My optimism for achieving such a high goal stems from the personal success I have experienced from my association with UWM and the significant local and national progress made by UWM in the last 10 to 15 years. I wish to contribute in any manner possible to the continued success of UWM. As a recipient of the UWMAA Herman Kluge Award and the first male UWM recipient of the Coleman Medal of Honor, I understand firsthand the type of excellence that is achievable at UWM. My desire is to make this type of excellence known to and obtainable by a broader number of people, thereby improving the marketability and perception of UWM nationwide."

**ALLYSON D. NEMEC**  
**'90 MARCH**  
**President, Quorum Architects**

"I wish to serve another term on the UWM Alumni Board to fulfill some of the ideas generated from our strategic planning process. I have enjoyed serving on the Honors and Marketing Committees, and as secretary of the Board. I am proud of our accomplishments with the Panther Prowl, where I have served on the Leadership Committee. I hope to be involved in developing the spring fund-raiser, this year our 'Reds, Whites and Brews' event at Lakefront Brewery."

**LAWRENCE J. SCHNUCK**  
**'78 BS Architectural Studies, '86 MARCH Honors**  
**Senior Principal, Kahler Slater Architects Inc.**

"The UWMAA continues to evolve into a more dynamic organization with over 130,000 members. It is critical for the UWMAA to engage our alumni with opportunities to connect with and support the university and each other. The strength of the university is dependent on active and engaged alumni. If elected, I will work with the UWMAA Board to develop new programs and services that help to reach out and engage alumni to establish a strong foundation for the future success of UWM and the Alumni Association."

**RICHARD SCHREINER**  
**'82 MS Computer Science**  
**Staff Engineer, Johnson Controls Inc.**

"I am very proud of the opportunities that UW-Milwaukee provides to its students, our community, and all of Wisconsin. It will be an honor to serve the university community as a member of the Alumni Association Board of Trustees."

## ATTENTION NEW GRADS! MAY 2009 GRADUATION TRIP TO EUROPE

The real world is coming. It's your last summer break. Use it wisely – travel to Europe with fellow new alumni and friends.



### TRIP HIGHLIGHTS

- Amsterdam: See the canals, gable houses and city by night
- Munich: See the Glockenspiel and Marienplatz; visit a beer hall
- Austrian Tyrol: See this picturesque area, famous for adventure sports
- Brenner Pass: Scenic drive past vineyards, orchards and castles
- Venice: Private motorboat to the historic islands; see Piazza San Marco, Bridge of Sighs and the Doges' Palace; Murano glass-blowing demonstration
- Rome: See Piazza Venezia, Trevi Fountain, Pantheon, Piazza Navona, Colosseum and Roman Forum
- Florence: Walking tour with a local guide; see the Duomo, Basilica Santa Croce, Giotto's Bell Tower, the Baptistry and Piazza della Signoria; Florentine leather craft demonstration
- Lucerne: See the Wooden Chapel Bridge; view the Lion Monument
- Paris: Evening Tour of Illuminations; see the Eiffel Tower, Arc de Triomphe, the Louvre, the Champs Élysées, and Notre Dame Cathedral; visit a French Perfumery

### OTHER TRAVEL OPPORTUNITIES

- Ireland: March
- Mexico's Copper Canyon: April
- The Great Journey through Europe: May
- Italy's Lake Garda & the French Alps: September
- Fall Foliage Tour: New England & Cape Cod: October
- South American Adventure: October

Travel is open to all UWM alumni and friends. Contact Amy Lensing Tate at 414-906-4661 or [lensing@uwm.edu](mailto:lensing@uwm.edu) for more information on any of these programs or to sign up for our Panther Travel mailing list.



# MAJORING IN THE MINORS

## FORMER PANTHERS ADJUST TO LIFE IN PROFESSIONAL BASEBALL

*By David Driver*

The South Atlantic League stretches south to Georgia, west to Ohio and north to New Jersey.

The low Class A minor league for professional baseball began in 1904 and now has 16 clubs affiliated with Major League teams.

And the 140-game season lasts from early April to early September, and bus rides can last at least 10 hours in a league that stretches from the beaches of Maryland to the mountains of Kentucky.



This is where former UWM baseball standout Joe Nowicki ('06 BS Criminal Justice) found himself during the 2008 season, as a third-year pro in the farm system of the Baltimore Orioles.

"It is a lot different than college," said Nowicki, an outfielder for the Delmarva Shorebirds in Salisbury, Md. "In college you are only playing on the weekend and maybe once on a weekday. Here you have to be ready to play every day, which is harder than people think."

Nowicki certainly adjusted well in first full season of professional baseball in 2008. The previous two years he played short-season ball, where the schedule is shorter than that of the South Atlantic League and circuits above that level.

He hit .276 in 492 at-bats over the course of 130 games for Delmarva, with 36 doubles, six triples, 19 homers and 78 RBIs. He also had 14 steals, an on-base average of .345 and a slugging percentage of .490.

"He comes to the park to play. He doesn't have anything else to prove in that league," said former Major League player Denny Walling, the roving hitting instructor in the minor leagues for Baltimore in 2008. "He was a good hitter before he came to us.

The big adjustment was he controlled his stride. Once he got that under control he took off."

The Wisconsin native was among the league leaders in doubles and home runs.

"My first year in Bluefield (West Virginia in 2006) I struggled a little bit," Nowicki added, "because I wasn't used to the quality of pitches that I saw night in and night out. It takes a toll on your body a little bit."

Nowicki is a pro baseball rarity: He was not taken in the annual June draft of eligible amateur high school and college players, but he has been an All-Star two of his first three seasons in pro baseball.

The Milwaukee native was named to the New York-Penn League All-Star team in 2007 when he played for the Aberdeen Iron-Birds, a team owned by Hall of Famer Cal Ripken Jr. in Maryland. Nowicki hit .283 with eight homers and 41 RBIs in 230 at bats that season for Aberdeen.

Nowicki followed that up by advancing to full-season Delmarva (Aberdeen is a short-season team), and he played in the South Atlantic League All-Star game in June 2008 in Greensboro, N.C.



Nowicki is one of four recent Panthers to play pro baseball the past few years.

Ben Stanczyk ('07 BBA Accounting), a right-handed pitcher, was the Horizon League Player and Pitcher of the Year in 2004 for the Panthers when he won 13 games and had saves in nine others. He signed with the Milwaukee Brewers as a free agent and made his pro debut in 2004.

He also played in the South Atlantic League, where he was 5-4 with an ERA of 2.44 in 47 games with 11 saves for West Virginia Power in 2005. Stanczyk advanced to the high Class A Florida State League in 2006 with Brevard County, and was 8-4 with an ERA of 4.54 in 39 games out of the bullpen.

Stanczyk pitched for Brevard County in 2007 and was 7-4 with an ERA of 3.55 in 43 games, with four starts. He made the mid-season All-Star game in the Florida State League in 2007.

This past season, he was 0-1 with an ERA of 10.24 in six games for Huntsville, a Class AA team of the Brewers. Nowicki said Stanczyk told him what to expect in pro ball.

"He gave me the lowdown on what it would be like," Nowicki said.



Mike Goetz, 24, who played two years at UWM, was drafted in the 26th round by the Brewers in 2006. He led the nation in hitting at .493 as a senior.

That season the Greenfield product hit .289 in 180 at bats for the Brewers rookie league team in the Arizona League.

Goetz hit .318 with Helena in the Pioneer League in 2007 and was also hitless in four at-bats with Huntsville, the Class AA team of the Brewers.

He was released in spring training by the Brewers. But he signed with an independent league team, the Traverse City Beach Bums of Michigan, on April 23. Goetz hit .314 and was picked up by the Pittsburgh Pirates in early August, and finished the past season with Lynchburg, Va., in the Class A Carolina League.

"Mike really deserves this opportunity and I couldn't be happier for him," Traverse City Director of Baseball Operations Jason Wuerfel said when the Pirates picked up Goetz. "He has been outstanding on the field and in the clubhouse since the first day he arrived in Traverse City. He is a true professional and the model for anyone who wants to know what it takes to get signed out of the Frontier League."

Goetz was hitting .400 in June for the Beach Bums, and he hit .437 in May. In three games, he had at least four hits. He started in left field for the East Division in the Frontier League All-Star game.

Goetz, a left-handed hitter, hit .206 in 34 at-bats as a center fielder for Lynchburg at the end of the season.

Ross McCoy, another former Panther, hit .260 with 10 homers and 38 RBIs in 231 at-bats this past season for the Reno Silver Sox of the independent Golden League.



Nowicki, meanwhile, lived with a host family while playing in Maryland this past season. He said he would show up at the stadium around 2 p.m. for 7 p.m. home games. He would stretch around 3 p.m., take batting practice and work on his defense, and then eat around 6:30 p.m. After the game he would wind down and get to sleep around 1 or 2 a.m.

"Then wake up about 10 and do it all over again," he said.

Since he was not drafted, and the Orioles did not have a lot of money invested in Nowicki, he will have to prove himself every season in the minors if he wants to make it the Major Leagues.

"Year in and year out I am going to have to put up numbers," he said.

Nowicki certainly did that in 2008.

*Editor's note: David Driver is a free-lance writer in Maryland and has covered minor league baseball for 15 years. He can be reached through his website at [daviddriver.com](http://daviddriver.com).*



**Ross McCoy**



JOEY GARDNER

**Opposite page: Joe Nowicki hits a homerun at the Shorebirds' stadium in Salisbury, Md. Left: Nowicki in his home uniform.**

# CLASSNOTES

## 1960s

**Richard McGucken** ('62 BS Geography) retired in June after 44 years as an urban and environmental planner with HNTB Corporation. He began with the firm in its Kansas City office, transferred to Milwaukee to work in the Milwaukee Water Pollution Abatement Office, and then transferred again to the HNTB office in Houston. He was active at the chapter level in the American Planning Association (APA), and served on the Board of Directors of the National Association of Environmental Professionals (NAEP) and the Board of Trustees of the Academy of Board Certified Environmental Professionals (ABCEP).

## 1970s

**Doug Schmidt** ('73 BA Mass Communication) had his first book, "They Came to Bowl, How Milwaukee Became American's Tenpin Capital," published by the Wisconsin Historical Society Press. Schmidt also has another book contract to do a photographic history of Franklin, Wis., for Arcadia Publishing in 2009. Since 1992, he has been editor and publisher of the Ten Pin Journal, a monthly bowling periodical that circulates throughout Wisconsin. He also is a substitute K-12 teacher in the Franklin and Oak Creek school districts. Schmidt was inducted into the Milwaukee Bowling Hall of Fame for meritorious service in 2004 and was elected president of the Franklin Historical Society in April 2008.



## E. John

**Daug** ('75 BA History) is an attorney with his own practice in Beaufort, S.C., concentrating on the plaintiffs' personal injury field. He is a lifetime member of the Million Dollar Advocates Forum, and most recently was named a member of the Multi-Million-Dollar Advocates Forum.



**Jeffery Huth** ('75 BA Mass Communication) won an honorable mention in the Associated Press Sports Editors writing contest for newspapers with circulations of 40,000 to 100,000. He was honored in the "explanatory" category for an article examining the financial and marketing relationships between major university sports departments and shoe/apparel companies. He currently works as a sportswriter for The News-Gazette in Champaign, Ill.

**Anne Seidman** ('76 MFA Painting) was awarded a prestigious Pew Fellowship in the Arts. She is one of 12 Philadelphia-area artists who received the \$60,000 fellowship award for 2008.



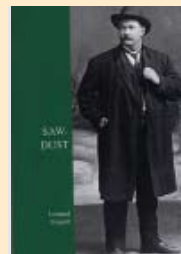
Seidman is a professor of graphic design and a faculty member in illustration at Moore College of Art & Design in Philadelphia.

**John Heindel** ('77 BBA Accounting) has been named vice president of finance and administration for the Zoological Society of Milwaukee.

**Richard Linhart Jr.** ('78 MSW) recently formed RGLinhardt Inc., a Class A corporate guardian serving adults with disabilities and aged individuals for whom family members are unable or unavailable to make legal decisions. He lives in Fox Point, Wis.

## 1980s

**Suzanne Sargent Gales** ('80 MBA) did the research for her grandfather's recently published book, "Saw-Dust," the story of a pioneer family's adventures traveling from Vermont to Northern Wisconsin at the turn of the 20th century. The detailed accounts in the book were verified through old census records, newspaper archives, photographs and interviews. Sargent Gales now lives in Mountain Home, Ark.



**Daniel Jones** ('80 BA Mass Communication) will be honored by the Chicago/Midwest Chapter of the National Association of Television Arts & Sciences as one of six charter members of the Milwaukee Silver Circle, honoring individuals for 25 years of outstanding contributions to the Milwaukee television market. After many years at WITI-TV in Milwaukee, Jones currently is the executive producer of the weekly "Interchange" program on Milwaukee Public Television.



**Prudence S. Precourt** ('83 PhD Anthropology, '72 MA, '69 BA Spanish) has been named vice president for university advancement at Kutztown (Penn.) University. She is the first woman to hold this position. Previously, she served as executive vice president of the RMC Foundation at Ripon (Wis.) Medical Center. A Certified Fund Raising Executive (CFRE), Precourt has held a number of positions with colleges and universities across the country, including vice president of legislative affairs and advancement at Southwest State University, vice chancellor for university relations and development at the University of North Carolina at Pembroke and vice president of institutional advancement at Wesley College in Dover, Del.



**Alamelu Vairavan** ('83 BS Health Information Administration) has released a new, expanded version of her cookbook, "Healthy South Indian Cooking," co-authored with Dr. Patricia Marquardt and published by Hippocrene Books, New York.

**Jeffrey Gingold** ('85 MA Political Science, '81 BA Political Science) has published his second book, "Mental Sharpening Stones: Manage the Cognitive Challenges of Multiple Sclerosis." Gingold is donating 20 percent of the royalties to the Wisconsin Chapter of the National Multiple Sclerosis Society and an additional 20 percent to The Montel Williams MS Foundation.

## 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](mailto: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!

## CHECK OUT THE NEW ALUMNI CONNECTION

Alumni Connection, the university's monthly e-newsletter, has a brand new look. Stay connected to campus with news about special events, the latest research and programs, athletics and fellow alums. It's free! Subscribe today at [alumni.uwm.edu](http://alumni.uwm.edu).

## SHOW YOUR PANTHER PRIDE!

**RIGHT:** Jeney Walter ('04 Journalism and Mass Communication) shows her Panther Pride in the African country of Zambia. Walter traveled to Zambia last July as part of a mission trip on behalf of Alliance for Children Everywhere, an organization that takes in children who have been abandoned or are in crisis – from newborn to 15 years old – and cares for them until they can be adopted or members of their extended families are found. It runs solely on donations and has three homes with more than 75 children in its care.

“As a former Panther women’s soccer player, I am representing my team and school with my T-shirts,” Walter wrote. “My former coaches, Mike Moynihan and David Nicolich, generously donated soccer balls that I brought with me to give to different schools, and while I was there I got to coach and referee an all-girls soccer tournament – the first of its kind in that area.”

The soccer photo was taken in Lusaka; the photo with tribesmen was taken in Livingstone, home to Victoria Falls.

**BELOW:** Panther Pride was on full display at the European Archaeological Association Annual Meeting in Zadar, Croatia. Conference attendees with UWM ties were (from left) Bettina Arnold, associate professor of anthropology; Derek Counts, associate professor of art history; Jane Waldbaum, professor emerita of art history; alumnus James Johnson ('06 MS, '01 BA); and L&S web developer Thomas Homer Hruby. Johnson is currently a Ph.D. student at the University of Pittsburgh, specializing in the Iron Age archaeology of the Eurasian Steppe.



## 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.

## ANOTHER WAY TO SHOW YOUR PANTHER PRIDE!

Sign up for your free UWM Alumni e-mail address.

The UWM Alumni Association has entered into an agreement to offer ALL graduates an e-mail account through Google. Participants' new e-mail address will end in @uwmalumni.com.

To request an account, visit the UWMAA website at [alumni.uwm.edu](http://alumni.uwm.edu).

## JOIN THE NEW UWM ALUMNI ASSOCIATION GROUP ON LINKEDIN

Connect with your fellow alumni on LinkedIn. The new UWM Alumni Association group on this professional networking Web site already has nearly 1,600 members.

For more information about LinkedIn, log on to [linkedin.com](http://linkedin.com). To join the group, simply type in "UWM Alumni" in [linkedin.com](http://linkedin.com)'s searchable group directory.

# CLASSNOTES

**Guy Mascari** ('85 MARCH) was honored for his outstanding work in promoting entrepreneurship and supporting inventor and entrepreneurship clubs at the "Ideas to Profits" Conference in October. Mascari is director of development for the Milwaukee County Research Park and director of the Technology Innovation Center, the Research Park's high-technology business incubator.

**Julie Roe** ('87 BS Allied Health) has been promoted to the newly created position of director of development at CBM-US, the world's largest humanitarian organization devoted to helping children and adults with disabilities living in the poorest regions of the world. Roe, who joined the organization in October 2007 as Southeast regional director, will oversee directors based in the Northeast and West, and coordinate communication and outreach to key donors. CBM-US is based in Greenville, S.C.

**Geoffrey Gordon** ('88 BFA InterArts) has been selected to receive a 2009 Aaron Copland Award, and will be a composer-in-residence at the historic Copland House in New York later this season.

**Thomas G. Smith** ('88 BBA Marketing) has been named the global treasurer of Hospitality Financial and Technology Professionals (HFTP), an international professional association for financial and technology personnel working in hotels, clubs and other hospitality-related businesses. Smith is chief financial officer for the Ozaukee Country Club in Mequon, Wis.



**John Bleuel** ('89 MM), professor of saxophone at the University of West Georgia in Carrollton, was selected a Fulbright scholar grantee to Taiwan for the fall of 2008. He served as an artist-in-residence at National Chengchi University, teaching saxophone, conducting the wind ensemble and performing recitals at Taiwan National University of Arts in Taipei. Over the past two years he has done guest professorships in China at the Central Conservatory of Music in Beijing, Sichuan Conservatory of Music in Chengdu and Shaanxi Normal University in Xi'an.

**Jeremy Borouchoff** ('89 BA History) has joined The Redmond Company as business development manager in its Financial Division, located in Waukesha, Wis.

**Andrew Digate** ('89 BA L&S) recently joined Professional Business Consultants (PBC), an Oak Brook, Ill.-based business management consulting and accounting services firm, as a consultant. Digate also is an MBA candidate at Northern Illinois University.

**1990s Lynnae Mahaney**

('90 MBA) is president-elect of the American Society of Health-system Pharmacists. She will assume the presidency in June 2009.



**Josephy Korom** ('92 MARCH, '89 BS Architectural Studies) has written a book, "The American Skyscraper: A Celebration of Height," published by Branden Books, Wellesley, Massachusetts.

## ALUMNUS/ART COLLECTOR DONATES AFRICAN SCULPTURES TO UWM ART COLLECTION

By Laura L. Hunt

**In most African languages, there is no equivalent for the word "art." But there are embellished accoutrements of everyday life.**

**That is the way Mark Wentzel prefers to think about the items in his extensive collection of West African art and artifacts. The UWM alumnus and his wife Mary Jo have donated 41 items to the UWM Art Collection, many of them ceremonial masks and other carved pieces that are imbued with cultural meaning.**

**Wentzel was an undergraduate at UW-Oshkosh when he signed up to study in Africa, attended a university in Sierra Leone and roomed with a student from the Mende tribe. His first "village experiences" were in his roommate's hometown. After that, he traveled the sub-Saharan area, meeting native people and receiving authentic items as gifts before he "had a consciousness about them being art."**

**After graduate school at UWM, he returned to Europe and Africa many times to expand his collection. "I like to focus on what the real use was instead of the artistic value," he says.**

**Wentzel's entire collection includes pieces from 13 or 14 countries, with the value attached to individual pieces ranging from "something I really like that is worth practically nothing," says Wentzel, "to some pieces that are very important." The pieces come from the modern nations of Burkina Faso, Ivory Coast, Guinea, Mali and Sierra Leone.**

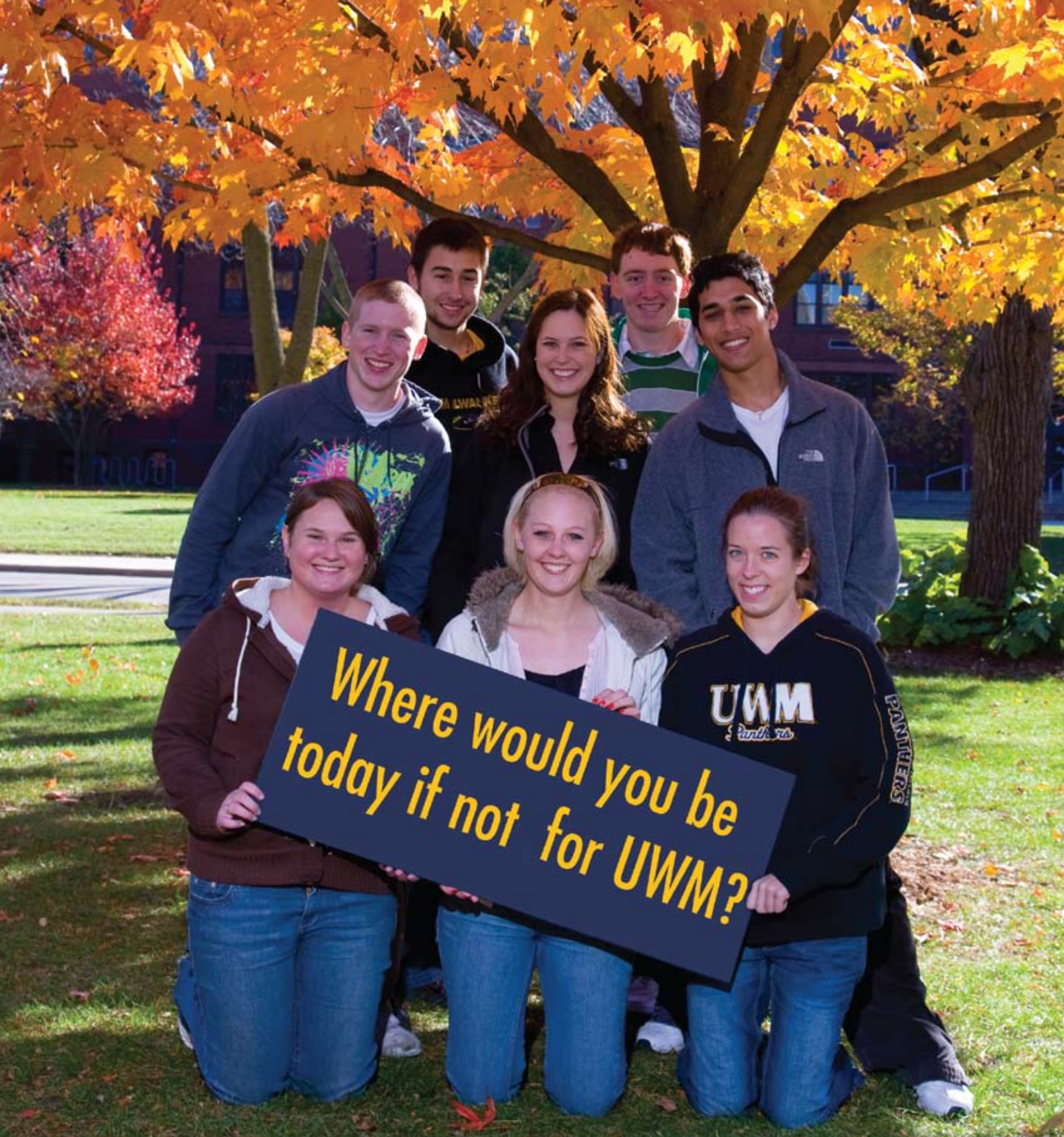
**Though he has donated some of his art to the Nigerian National Collection and to Cardinal Stritch University, where he is assistant dean for counseling and health services, Wentzel says this donation acknowledges his many connections to UWM.**

**"I think it was meant to be," he says.**



*Mary Jo and Mark Wentzel with an item from the collection of African sculpture they donated to the UWM Art Collection.*

ALAN MAGAYNE-ROSHAK '72



## *What dream did UWM help you achieve?*

You can help generations of Panthers reach their dreams by designating a planned gift to the UWM Foundation. For more information, visit us online at [www4.uwm.edu/giving](http://www4.uwm.edu/giving) or contact Stephanie Ackerman in the Office for Development and Alumni Relations at 414-229-3018 or [ackerman@uwm.edu](mailto:ackerman@uwm.edu).



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**David Genson** ('93 BS Engineering) was named one of Gulf Coast Business Review's "40 Under 40," based on his professional achievements and community involvement. As project engineer for some of the most visible construction programs in Collier County, Fla., he has created the infrastructure for roads, public facilities, golf courses and communities. He currently is vice president of engineering for Barron Collier Companies in Naples, Fla.



**Lyndsay Knoell** ('93 BA Mass Communication) has been awarded the Pyramids of Pride 2008 Political Action Award from the Wisconsin Dental Association (WDA) for his grassroots work to increase member involvement in furthering WDA legislative interests. He is a practicing dentist in Racine, Wis.



**Arthur Redding** ('94 PhD English) is the author of "Turncoats, Traitors and Fellow-Travelers: Culture and Politics of the Early Cold War," published by University Press of Mississippi. He is an associate professor of English at York University in Toronto, Ontario.

**Deryl Davis-Fulmer** ('95 PhD Urban Education, '90 MS Cultural Foundations of Education) has been appointed associate vice president for learner success at Madison (Wis.) Area Technical College.

**Shelia Feay-Shaw** ('95 MM, '85 BFA) has joined the faculty at UWM as the Elementary General Music Specialist.



**David Remstad** ('95 MBA) has been named vice president and chief actuary of Milwaukee-based Northwestern Mutual.

**Jennifer Dahms** ('97 MS Communication Sciences and Disorders, '94 BS) has started her own pediatric feeding therapy practice in Boise, Id. She has made presentations on the topic of picky and problem eaters at professional conferences around the country.

**Jay Matz** ('97 BA Journalism and Mass Communication) won a Gold Award for Sound Design at the 2008 Promax North America Promotion and Marketing Awards.

**2000s**

**Bonnie O'Neill** ('00 PhD Management, '96 MS Management, '94 BBA) has been awarded tenure and promotion to associate professor of management in the College of Business Administration at Marquette University.



**Bryan Pfeifer** ('03 BA Journalism and Mass Communication) has been hired as the full-time staff organizer for the Union of Part-Time Faculty-American Federation of Teachers at Wayne State University in Detroit, Mich.



**Ann Waldon** ('03 BA History) is an attorney who recently opened Morgan and Waldon LLP in West Saint Paul, Minn., practicing in criminal defense, family law and estate planning.

**Lindsay (Smith) Loehner** ('07 BS Nursing) is an emergency room nurse at Centegra Memorial Medical Center in Woodstock, Ill.

**Ken Ogorzalek** ('08 BSE Civil Engineering) has received a prestigious Graduate Research Fellowship from the National Science Foundation. He is now pursuing his graduate degree in structural engineering at the University of California, Berkeley. Ogorzalek was a member of the UWM men's soccer team from 2003-07.



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# DISPLACED BY KATRINA, ALUM COMES HOME TO UWM (AND A NEW RELIGIOUS STUDIES PROGRAM)

By Laura L. Hunt

Among the throngs of people displaced by Hurricane Katrina was UWM alumnus Demetrius Williams, who was on the faculty at Tulane University in 2006. When the levies broke, it was clear to Williams that cleanup and a return to normalcy would take a very long time.

So, like many former residents of the Crescent City, Williams moved his family back to his hometown.

"It was devastating. All our dreams there were washed away with the flood," he remembers.

The 1986 graduate of the UWM Comparative Study of Religion (CSR) Program today is the newest member of the faculty in the revamped degree program, now called Religious Studies.

An associate professor of comparative literature, Williams specializes in Biblical and early Christian literature, and the act of testimony by African-American Christians. But he also stands out as the first faculty member teaching in the multidisciplinary program who has an advanced degree in theology, says Charles Schuster, who was associate dean for the humanities in the College of Letters and Science when he hired Williams.

## INTEGRATED LEARNING

"Demetrius was always my 'Exhibit A,'" says J. David Hoeveler, UWM Distinguished Professor of History, who encouraged Williams to apply to the Harvard Divinity School after UWM. "He's a great example of a student who went on to do distinguished academic work. He's probably one of only a few CSR students who chose that route. They go in surprising directions."

Williams is something of a Renaissance man. An ordained minister by the time he finished his undergraduate degree, he made it a point to take courses in Greek, philosophy, history and classics as well as in religion, which prepared him well for graduate studies at Harvard.

But it also made Williams a match for the goals of the reinvigorated degree program, says Peter Paik, associate professor of comparative literature and the new director of Religious Studies.

"There's been a movement away from old models, which took a comparative approach, to one that is more interdisciplinary," says Paik. "Our program now looks at the religious aspects of fields such as art, economics, anthropology, music and history."

New courses also are being created, including a Freshman Seminar that will be offered this fall.

The changes come just in time, he says, because enrollment and interest in the degree program have been growing since 9-11. There are currently 80 majors and another 35 who are considering it as a major.

"Back in the '90s, it didn't seem very important as an academic pursuit," Paik says. "But 9-11 proved to be a rude jolt, and over-

night you saw thousands of people ordering books on Islam."

That trend happened at many American universities, including Tulane, says Williams. "People were confused," he says. "They wanted to know why religion could espouse so much violence."

## HUMAN QUEST FOR MEANING

Religion is seen now as vital to understanding the modern world in the context of many other disciplines, says Paik. In a lecture last semester, for example, Manu Sobti, UWM assistant professor of architecture, spoke to a full house on the 1992 destruction of a 17th century mosque in Ayodhya, India.

Paik's own work blends political theory with religion, "where the question of secularity itself is highly religious."

Paik examines that mix as it appears in

science fiction, anime, world cinema and the graphic novel. These narratives often relate to real-life ethical issues, such as nuclear war and catastrophic climate change, he says.

"Religion provides a critical look at a world dominated by technology that appears increasingly god-like," he says. "In a twist, it's often people of faith who are the ones expressing skepticism of technology."

Williams also sees the overlap of religion in just about every aspect of life, and he adopted that philosophy as he sought a deeper inquiry into the foundations of his own religious tradition.

"We live in a world that is so diverse and complex," he says. "Religion is something that we can't separate from the rest of life. You cannot separate [parts in] the human quest for meaning."

## A LIFELONG INTEREST

The youngest of six boys, Williams was always interested in religion and knew he wanted to prepare for a dual profession in the ministry and academia.

After spending 10 years in Boston to finish his education, and 10 years at Tulane, where he was director of its Religious Studies Program, Williams says he looks forward to settling. Already he is an assistant pastor at a community Baptist church in Milwaukee.

The author of two books, Williams' most recent publication is an essay called "The Acts of the Apostles" in "True to Our Native Land: An African American New Testament Commentary" (Fortress Press, 2007), the first book of collected commentary on the New Testament in the context of African-American experience.

When he entered the classroom at UWM last September, it was not for the first time. He was a visiting professor here in the spring of 2000, teaching a course on the Gnostic Gospels while on a sabbatical leave from Tulane.

"I am fortunate," he says, "to be able to return to the place where my interests in religious studies were nurtured and inspired."



**Peter Paik (left) and Demetrius Williams, both associate professors in comparative literature, double as faculty in the revamped interdisciplinary UWM Religious Studies Program.**

PETER JAKUBOWSKI '07

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