

# NDWorks

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News for Notre Dame faculty and staff and their families

## EWiND facility aimed at improvements in wind energy



BARBARA JOHNSTON

that involve “virtual aerodynamic shaping” for enhanced wind energy systems. The laboratory will provide a rich environment for multidisciplinary investigations including fluid dynamics, acoustics, fluid-structure interaction, design optimization, materials, failure modeling, system feedback and control, and atmospheric turbulence.

The eWiND initiative is a key component of the University’s Strategic Research Investment (SRI) program that has allocated \$80 million of Notre Dame’s own money to advance the scope, excellence and visibility of its research enterprise.

Although wind energy has long been recognized as a low-cost, clean source of electricity, substantial reductions in the cost of per kilowatt hour are needed for the technology to become competitive with fossil-powered generating technologies. The White Field wind turbine research laboratory is aimed at overcoming this obstacle through the design of advanced rotors that feature a Notre Dame-patented plasma flow control technology. The plasma actuators are designed to increase the energy capture of wind turbines without increasing the weight of the rotors.

Corke and Nelson hope to demonstrate that the technological enhancement increases power generation and extends the life span of wind turbine systems while decreasing the cost of harvesting wind energy. The White Field facility will feature two wind turbines, including one that serves as a baseline and one that has been modified with the plasma actuators. The laboratory’s meteorological tower provides for continuous documentation of wind conditions.

The Notre Dame-patented plasma control technology has many other applications, including both reducing airplane landing gear noise and air resistance (drag) on the back side of trucks, which results in substantial fuel savings.



MATT CASHORE

At top, Thomas Corke stands near the wind turbine outside the White Field aerospace research facility. Below, Corke, at right, and Robert Nelson stand near one of the wind tunnels in the Hessert Laboratory.

### Technology has many potential applications

BY BILL GILROY, PUBLIC RELATIONS

Anyone who lives in the South Bend region quickly becomes conscious of the wind. It drives the lake-effect snowstorms that leave us copious amounts of snow to shovel each winter. We take note of it in the spring and summer and hope it doesn’t signal the approach of tornadoes. And we nervously watch it on autumn Saturdays and pray that it’s blowing against opposing field goal kickers and at the back of our placekickers.

These same wind dynamics make Notre Dame a sweet spot for wind research.

A wind turbine and a meteorological tower recently erected on the White Field are a highly visible symbol of the University’s commitment to establish a premier wind energy research program.

**Thomas Corke** and **Robert Nelson**, professors of aerospace and mechanical engineering, are directing the effort, which includes the establishment of a Laboratory for Enhanced Wind Energy Design, titled “eWiND.” The program will seek to develop revolutionary designs

## Simulations of car races changed research focus to power generation

### Aim is to generate electricity efficiently, store for later use

BY GENE STOWE, FOR NDWORKS

For **Peter Bauer**, work on electric and hybrid electric vehicles started as a sideline when Notre Dame’s team won the Formula Lightning Electric Race Car Series inaugural race in 1994 in Cleveland.

Bauer, professor of electrical engineering, was co-director, with director Bill Berry, of the program that included undergraduate engineering students—mostly electrical and mechanical—and involved detailed modeling and computer simulations of a car race.

“You could use the computer to optimize the gear ratios, predict and optimize lap times and minimize energy usage,” recalls Bauer, who still teaches a course on electric and hybrid electric vehicles.

“The students learned a lot through this practical exposure to the subject area. You learn so much from the development of electric race cars, and it can often be directly applied to the real world of commercial EVs and HEVs.”

The focus on electric and hybrid electric power generation, and its real-world applications including generators, buildings and other uses as well as cars, accelerated about eight years ago and now accounts for the majority of Bauer’s research, with some work remaining from his earlier interest in digital control and signal processing, as well as swarm technology.

The aim is to generate energy most efficiently and store excess energy for later use in an energy buffer. Therefore power generation and power usage are decoupled from each other, unlike in current conventional vehicles, where the generated power matches the used power at any point in time.

The problem with that, Bauer says, is that most of the time, a vehicle requires much less power than what corresponds to its efficiency sweet spot. For example, a 300-horsepower Corvette would need to generate roughly about 150 HP to operate at its efficiency optimum.

However, in reality it generates a small fraction of this power most of the time, putting the engine into a very inefficient operating regime that often wastes more than 90 percent of the fuel’s energy. “That’s the problem with all cars nowadays,” he says. “Engines rarely run at their optimal operating point.”

Bauer works to buffer the energy in storage devices called ultra-capacitors. Components were prohibitively expensive for commercial use only a few years ago, but costs are trending down. A six-pack of ultra-capacitors that cost more than \$600 five years ago now sells for \$200.

Three years ago, Bauer and two partners started SlipStream, a company that aims to develop efficient hybrid electric power generation systems with applications such as HEVs and standby generators for military ops and power generation in cold climates where generators run constantly. Current technologies often achieve average efficiencies of less than 10 percent.

Although the principle of SlipStream’s hyper-efficient generator has been demonstrated, the company is still conducting tests for reliability and robustness and is in the process of improving packaging of the entire system.

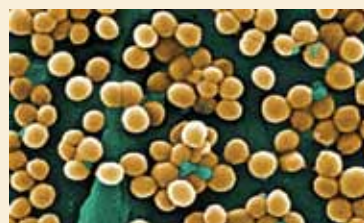
This summer Bauer starts a yearlong sabbatical in Spain at the Renewable Energy Institute in the Polytechnic University of Valencia, near the Alcoy campus where he taught students in the 2011 Notre Dame Engineering program for six weeks last summer.



PHOTO PROVIDED

Bauer

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## Don't get hooked by an email scam.

If you think you've been the victim of a scam, contact Notre Dame's Office of Information Technologies at either [oithelp@nd.edu](mailto:oithelp@nd.edu) or 574-631-8111.

Visit [oit.nd.edu/scam](http://oit.nd.edu/scam) to learn more.

# First Green Office Certification awarded

## FROM THE OFFICE OF SUSTAINABILITY

Congratulations to the **Office of the Vice President for Research** for becoming the first to achieve a Green Office Certification and for being the pilot office for this new campus program. "Being the first department on campus to earn the certification is an honor, and is a tremendously proud moment for us," said **Mark DeVore**, research administrator.

The Green Office Certification is a new initiative from the Office of Sustainability, designed to engage faculty and staff with the University's strategic goals of reducing carbon emissions by 50 percent per square foot and increasing waste diversion to 67 percent, both by 2030.

The Green Team at OVPR has been hard at work this year placing extra recycling bins in their conference rooms, educating the staff about what is recyclable, promoting the use of reusable K-cups and switching from individual bottled water to shared coolers. The team has been pleasantly surprised with the support it has received from the office regarding some of these changes.

"Reusable K-cups have been a big hit with our office; staff members

claim the coffee tastes better and fresher than the disposable alternative," said DeVore.

The OVPR Green Team played an integral role in developing and refining the certification program. "Their feedback was extremely helpful in understanding how a certification program would be implemented in a large office," said **Erin Hafner**, programs manager in the Office of Sustainability.

"Together, we were able to shape the program into one that sets a high standard of sustainability while still being streamlined and feasible."

The certification process covers five categories: education, energy, waste, transportation and purchasing. Points can be earned for actions such as using smart strips, regularly reminding co-workers to be green through email, using reusable towels and encouraging the use of public transportation or carpooling. Partial credit is available, as well as 'innovation' credit for creative solutions to further sustainability efforts above and beyond the requirements.

In order to be certified, offices must be audited by a member of the Office of Sustainability's staff. To initiate the process for your own office, visit [sustainability.nd.edu](http://sustainability.nd.edu) or call 631-2748.

# Update to Central Authentication Service



## FROM THE OFFICE OF INFORMATION TECHNOLOGY

The University's **Central Authentication Service (CAS)** has a new look. What is CAS? It's the service that verifies the credentials of faculty, staff and students with an individual's netID and password to authorize access for Web applications.

The first time you log in to a Web application that utilizes CAS, you'll see a new login screen. It has been redesigned to meet the new University brand standards.

Once your credentials are confirmed through CAS, you can open any other Web application that utilizes CAS while your browser is open without logging in again. Not only does this feature offer added convenience, it also helps reduce security risks by limiting the exposure

of your password.

While single sign-on provides user convenience, there is a difference between logging out of one Web application and logging out of CAS. When you log out of only one Web application, any other Web application that uses CAS will remain accessible on your computer.

In order to completely log out of CAS, you must exit your browser. Be sure to do so when leaving your computer unattended for any length of time or when you leave for the day. This will ensure that no other person can access your personal information in any Web application that uses CAS from your computer.

For additional information, visit [oithelp.nd.edu/netid-and-passwords/central-authentication-service-cas/](http://oithelp.nd.edu/netid-and-passwords/central-authentication-service-cas/).

# Notre Dame Wellness Center opens in July

## New facility will offer a range of services, including a drive-through pharmacy

BY DEE DEE STERLING, HUMAN RESOURCES

As you may have noticed, the corner of Bulla Road and Wilson Drive is buzzing with activity, as construction on the new Notre Dame Wellness Center continues on schedule to open in July.

This full-service, state-of-the-art facility is part of Notre Dame's commitment to enhancing health and wellness benefits for eligible faculty, staff and dependents. It can be utilized as your primary health care provider, or as a complement to your current primary health care provider.

According to **John Affleck-Graves**, executive vice president, "Providing access to services that improve the health and well-being of our faculty, staff and their dependents is a top priority for Notre Dame. We are very pleased that the new onsite wellness center will enable them to obtain quality health care and pharmacy services in a manner that is convenient, private and totally confidential."

The Notre Dame Wellness Center and Pharmacy will be staffed and managed by Take Care Systems, a leader in providing workplace health care. All patient medical records will be maintained in accordance with Take Care's stringent and well-documented security standards, as well as in compliance with all state and federal laws. No one's personal

health information will be shared with Notre Dame.

The highly qualified staff will include a full-time physician, nurse practitioner, physical therapist, registered nurses, full-time pharmacist and medical support personnel. The center will offer convenient hours for appointments and times for dropping off and picking up prescriptions.

The Wellness Center is open 7 a.m. to 7 p.m. Monday through Friday and 8 a.m. to noon Saturday. On home football weekends, the facility will be closed Saturday but open 1 to 5 p.m. Sunday.

The pharmacy is open from 7:30 a.m. to 7:30 p.m. Monday through Friday and from 8:30 a.m. to 12:30 p.m. Saturday. On home football weekends the pharmacy will be closed Saturday, but open 1:30 to 5:30 p.m. Sunday.

For more information about the new Notre Dame Wellness Center, visit [hr.nd.edu/benefits/the-notre-dame-wellness-center/](http://hr.nd.edu/benefits/the-notre-dame-wellness-center/).

## HEALTH CARE SERVICES provided will include:

- **Primary Care**—including regular check-ups and the treatment of acute conditions such as sore throats and infections.
- **Pediatrics**—providing care for children from infancy to age 18, including vaccinations and sports physicals.
- **Chronic Condition Management**—for conditions such as asthma, arthritis, diabetes and heart disease.
- **Physical Therapy**—an array of services to help reduce pain and improve body motion and function.
- **Specialty Infusion Services**—providing intravenous hydration and medications.
- **Health and Wellness Coaching**—programs focusing on prevention and lifestyle improvement.

## PHARMACY SERVICES will include:

- Prescription fill and refill
- Generics and 90-day fills
- Medication Therapy Management
- Consultations with experienced Walgreens pharmacists
- Drive-through convenience

BARBARA JOHNSTON



The Wellness Center, located east of Grace Hall, is scheduled to open in July.



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Online PDF versions of past NDWorks can be found at [nd.edu/~ndworks](http://nd.edu/~ndworks).

Submit story ideas, questions and comments to [ndworks@nd.edu](mailto:ndworks@nd.edu) or contact Carol C. Bradley, 631-0445 or [bradley.7@nd.edu](mailto:bradley.7@nd.edu).

# Notre Dame leads in discussion of the ethical and societal impacts of nanotechnology

BY ARNIE PHIFER,  
COLLEGE OF ENGINEERING

The world of nanotechnology, which involves science and engineering down at billionths-of-a-meter scales, might seem remote.

But like most new advances, the application of that technology to everyday experience has implications that can affect people in real ways.

If not anticipated, discussed or planned for, some of those implications might even be harmful.

In a recent paper, **Kathleen Eggleston**, a research scientist in the Center for Nano Science and Technology (NDnano), provided an example of a nanotechnology-related safety and ethics problem that is unfolding right now.

The problem: Hospital-acquired infections are a persistent, costly and sometimes fatal issue. A patient goes in for one condition, say an injury, but ends up being infected by a microorganism picked up in the hospital itself. That microorganism might even have developed a resistance to conventional drug treatments.

The solution: Engineers are developing new and innovative ways of coating medical materials with nano-sized particles of silver, an element that has long been known for its antimicrobial properties. These particles are being applied to hard surfaces, such as bedrails and doorknobs, and to fabrics, such as sheets, gowns and curtains, by a growing number of medical supply companies. And these new materials are proving effective.

"Nanosilver coatings have made life-saving differences to the properties of typical hospital items," says Eggleston. "Just this last

December, a textile made by a Swiss company was the first nano-scale material approved as a pesticide by the EPA."

The possible new danger: The vast majority of bacteria and other microorganisms are actually neutral, or even beneficial, to human life and a healthy environment. For example, some bacteria are needed to maintain appropriate levels of nitrogen in the air, and others, living inside the human body, are critical to both vitamin synthesis and digestion.

So overuse of nanosilver products, especially outside of clinical environments, could pose a danger to needed microorganisms and enable resistant strains to flourish.

"Under most conditions, the preservation of microbial biodiversity is a benefit," explains Eggleston.

"In fact, those who would use these potent new antimicrobial technologies for frivolous uses, such as for odor control, work directly against the U.S. National Nanotechnology Initiative's goal of responsible nanotechnology development."

## An ongoing, community-wide conversation about nanotechnology

Eggleston came to the Center for Nano Science and Technology last year to study and prompt discussion of problems like these.

"NDnano is expanding its scope into studies of the societal impact



Eggleston

of nanotechnology," explains **Wolfgang Porod**, Frank M. Freimann Professor of Electrical Engineering at Notre Dame and director of the center. "This is the background for bringing Kathy on board."

To facilitate such discussion, Eggleston initiated a monthly meeting group, called

the Nano Impacts Intellectual Community, which brings together Notre Dame researchers from across campus, visiting scholars and authors from outside the University, and leaders from the local area to probe nanotechnology topics in depth.

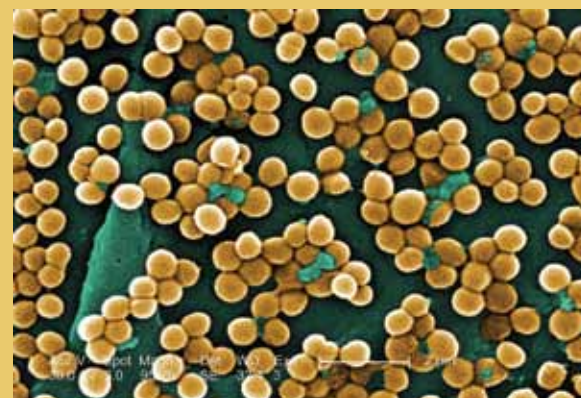
The group has tackled such issues as the ethics of nanomedicine, the commercialization of nanotechnology products and the interdisciplinary nature of nanotechnology research.

"I appreciate being a part of this ongoing conversation," says Glenn Killoren, an attorney at Barnes & Thornburg LLP and a regular Nano Impacts attendee. "Nanotechnology isn't just something that happens in research labs anymore. It's a small but growing part of our lives, and both scientists and nonscientists need to think about its effects."

Eggleston and NDnano faculty have also met with a number of local middle school and high school teachers who feature nanotechnology in their lesson plans. Moreover, the center supports Ivy Tech Community College-North Central's program to train aspiring nanotechnology technicians.

"We try to do as much as we can to engage the community in this exciting area," says Eggleston.

## CUTTING-EDGE NANOTECHNOLOGY



Nanotechnology may help reduce the spread of methicillin-resistant *Staphylococcus aureus* (MRSA).

The University of Notre Dame Center for Nano Science and Technology (NDnano) is one of the leading nanotechnology centers in the world. Its mission is to study and manipulate the properties of materials and devices, as well as their interfaces with living systems, at the nano-scale.

The center's expanding work on the societal impacts of nanotechnology has been made possible, in part, by one of the University's Strategic Research Investments (SRIs), which represent a commitment of internal funds and other resources, supplementing funding from external grants and gifts, to advance excellence in research.

In addition, Nano Impacts is supported by the Office of the Provost's Initiative on Building Intellectual Community.

## NEWS BRIEFS

### MARKETING GROUP NAMES AWARD AFTER ND PROFESSOR WILLIAM WILKIE

**William L. Wilkie**, the Nathe Professor of Marketing in the Mendoza College of Business, was recently honored by The American Marketing Association Foundation with an award in his name. The foundation announced the creation of the William L. Wilkie "Marketing for a Better World" Award at the annual AMA Winter Marketing Educators' Conference in St. Petersburg, Fla.

### FORMER NAA PRESIDENT APPOINTED NOTRE DAME'S FIRST ASSOCIATE VP OF FEDERAL AND WASHINGTON RELATIONS

**John F. Sturm**, former president and chief executive officer of the Newspaper Association of America (NAA), has been appointed associate vice president of federal and Washington relations at the University effective June 1.

"We are pleased that John Sturm

has accepted the challenge of this newly established position," said John Affleck-Graves, executive vice president. "His expertise in public policy and communications will help enhance the national and international visibility of Notre Dame's work and mission."

### RICHMAN HONORED FOR ONLINE CREOLE COURSE THAT BUILDS CONNECTIONS TO HAITI

**Karen Richman**, a faculty fellow in the Kellogg Institute for International Studies and academic director of the University's Institute for Latino Studies, has been honored by the OpenCourseWare Consortium with the 2012 Award for OpenCourseWare Excellence.

Her free, online Creole Language and Culture course was selected from among the 17,000 courses shared openly by universities worldwide to receive one of five awards in the text and still image category.

An anthropologist who studies Haitian culture and popular religion, Richman adapted her classroom curriculum for Internet use in 2007 with the goal of building sustained commitment to the people of Haiti

through an introductory study of the "vivid and sonorous" language of Creole.

### NOTRE DAME AND CLEVELAND CLINIC FORM HEALTH CARE INNOVATION ALLIANCE

Notre Dame has entered into a collaborative relationship with the Cleveland Clinic for joint development and commercialization of medical innovations.

Notre Dame will be the first university within the **Cleveland Clinic Healthcare Innovation Alliance** network, which includes the largest nonprofit health care system in the mid-Atlantic, MedStar Health and its MedStar Institute for Innovation; and the nation's second-largest nonprofit, secular health care system, North Shore Long Island Jewish and its Feinstein Institute for Medical Research.

Through the Healthcare Innovation Alliance, Notre Dame will have access to Cleveland Clinic Innovations' comprehensive technology and commercialization services infrastructure. Through streamlined integration of the various capabilities between all Alliance members, there will be a focus on the development and deployment

of new medical innovations that are generated by faculty and researchers at Notre Dame.

In recent years, Notre Dame has demonstrated its commitment to strengthening its research enterprise by increasing investments in state-of-the-art facilities and infrastructure. While Notre Dame does not have a medical school, the University has grown its funded research program significantly and now secures external funding totaling more than \$100 million annually. The University has invested \$80 million of internal funding through its "Strategic Research Investment" program to advance the scope, excellence and visibility of its research and scholarship.

With approximately 50 inventor disclosures annually, Notre Dame sees the Healthcare Innovation Alliance network as an opportunity to create a commercialization pathway for innovative technologies in the biotechnology and health science space.

"By collaborating with Cleveland Clinic Innovations, we are hoping to create marketplace opportunities for our biomedical and health innovations to be a force for good," said **Robert Bernhard**, the University's vice president for research. "We are extremely pleased to partner with Cleveland Clinic

Innovations and the Alliance for the excellent complementary technology development and commercialization capabilities the alliance offers."

Through the distinctive Healthcare Innovation Alliance, Cleveland Clinic Innovations will provide on-the-ground support to assist Notre Dame to advance the creative ideas of its researchers, faculty and staff. Cleveland Clinic Innovations will employ the same knowledge and resources that have helped it create a reputation as an industry leader in navigating the commercialization process, resulting in 48 spin-off companies and more than 300 licensed technologies.

Cleveland Clinic is a nonprofit multispecialty academic medical center that integrates clinical and hospital care with research and education. Located in Cleveland, it was founded in 1921 by four renowned physicians with a vision of providing outstanding patient care based upon the principles of cooperation, compassion and innovation.

More information is available online at [clevelandclinic.org/innovations](http://clevelandclinic.org/innovations).

# FACULTY AWARDS

## Annual Faculty awards recognize achievements

### Recognizing research, teaching, service and volunteerism

#### FROM THE OFFICE OF THE PROVOST

**Shahriar Mobashery**, Navari Family Professor of Life Sciences, is the recipient of the **2012 Research Achievement Award**. Recognized for his contributions to some of the greatest challenges of biomedical research, Mobashery is best known for his work on drug-resistant bacteria and diseases of the extracellular matrix. These studies are being applied to cancer metastasis, diabetes, stroke and idiopathic pulmonary fibrosis, a disease of the lungs that kills 100 percent of those afflicted within three years. In particular, he and his colleagues have recently developed therapeutics for stroke and traumatic brain injury that have the potential of greatly reducing damage caused by such events. He has published more than 260 articles and one book, currently holds 13 patents, and has mentored 24 Ph.D. students and approximately 50 postdoctoral associates, many of whom have gone on to have significant careers of their own. For his work in understanding drug-resistant bacteria, he received the Astella USA Foundation Award, the most prestigious award given by the American Chemical Society for medicinal chemists.

**Dianne M. Pinderhughes**, President's Distinguished Professor of Africana Studies and Political Science, is the recipient of the **2012 Reinhold Niebuhr Award** honoring an individual whose life and writings promote or exemplify the area of social justice in modern life. Her dedication to these issues is further evidenced by her many years of public service to professional associations and civil society, including as president of the American Political Science Association and co-chair of the Civic Engagement and Governance Institute of the Joint Center for Political and Economic Studies. "Pinderhughes is a stellar example of how the social sciences can be used to further discourse and understanding

of evocative social issues that too often provoke deep economic and political divisions among the American public. Through her research and teaching, she has persistently presented for consideration issues of inequality, with a focus on racial and ethnic politics and the formation of public policies."

**Holly V. Goodson**, Associate Professor of Chemistry and Biochemistry, is the recipient of the **2012 Thomas P. Madden Award** recognizing exceptional teaching of first-year students. In her 12 years at Notre Dame, she has developed a reputation as an educator who inspires students to think creatively beyond traditional disciplinary boundaries. This is exemplified by her leadership in providing first-year engineering students with an understanding of the more biological aspects of chemistry. Since 2005 she has taught the class "General Chemistry: Fundamental Principles and Biological Processes," which has grown from 240 students to more than 500 last semester. "The success of this class is a result of her ability to explain challenging concepts to students from diverse backgrounds, her relentless efforts to find new ways to illustrate ideas, and her creation of an environment in which the students know she is dedicated to their success. Her love for science, deep dedication to student learning, and infectious enthusiasm are a dynamic combination in the classroom."

**Margaret R. Pfeil**, Assistant Professor of Theology, is the recipient of the **2012 Grenville Clark Award**, honoring a person whose volunteer activities advance the cause of peace and human rights. A member of the Notre Dame faculty in the Department of Theology with a joint appointment in the Center for Social Concerns, she specializes in Catholic social thought and the development of moral doctrine. She is co-founder of the St. Peter Claver Catholic Worker House in

South Bend and also helps run Our Lady of the Road, a daytime drop-in center. Most recently she launched the Monroe Park Grocery Co-Op to make healthier food more accessible to neighborhood residents while simultaneously providing a market for local producers and farmers. "Few people live the Gospel mandate to walk with the poor with as much integrity."

**Walter J. Nicgorski**, Professor in the Program of Liberal Studies and Concurrent Professor of Political Science, is the recipient of the **2012 Faculty Award**. Nicgorski came to Notre Dame in 1964 and has played a significant role in all aspects of University life over the course of the ensuing 48 years. He has demonstrated excellence in teaching at both the undergraduate and graduate levels. "During his tenure he has been recognized for his dedication and leadership in mentoring faculty and students and for his exceptional service in several important capacities to the College of Arts and Letters and to the University. In addition, he has had a remarkable professional career in his field of study and has acted as an important representative of the University in his service to the profession."

**Harriet E. Baldwin**, Director of Academic Conferences, is the recipient of the **2012 Presidential Award**, given to a member of the faculty or administration for distinguished service to Notre Dame over an extended period of time. Baldwin has served the University for more than 30 years, first in the Office of Advanced Studies, then the Center for Continuing Education, and now as director of academic conferences. Because of her superb leadership, creativity, efficiency, grace under pressure and attention to detail, the number of scholarly events at Notre Dame has almost tripled during her tenure. "Her professionalism and commitment have made it possible for Notre Dame to become known

nationally and internationally as one of the most hospitable and efficient universities for conferences and symposia, and our academic reputation among peers truly has been enhanced in large part because of her."

Librarian **Sherri L. Jones**, recipient of the **2012 Rev. Paul J. Foik, C.S.C., Award** for significant contributions by library faculty, has been a role model in providing outstanding service to all members of the Notre Dame community. She has been a generous mentor to many colleagues and an advocate for the needs of students and faculty. "Mindful of the needs of emerging scholars, she has initiated high-impact programs to advance information literacy skills on campus while at the same time pursuing pioneering work in library assessment that has earned her the respect of her colleagues at Notre Dame as well as the library community at large."

**Rev. George A. Rozum, C.S.C.**, Rector of Alumni Hall, is the recipient of the **2012 Rev. William A. Toohey, C.S.C., Award for Social Justice**. As rector, Father Rozum has welcomed students and families to the University for more than three decades and is renowned for knowing the name of every student in his hall. Thirty years ago he began holding Mass in Alumni Hall after each home football game, donating the collections to Holy Cross missionaries at Notre Dame College in Bangladesh. To date, his efforts have generated more than half a million dollars for this cause. "His example of service to the poor has raised awareness of the needs of the people of Bangladesh and contributed to the education of thousands."

**Rev. John E. Conley, C.S.C.**, Rector of Siegfried Hall, is this year's winner of the **Rev. William A. Toohey, C.S.C., Award for Preaching**. Father Conley has been an important and effective pastoral

minister at Notre Dame for 24 years, first as Holy Cross' vocation director and, for the last 15 years, as rector of Siegfried Hall. He also helped lead hundreds of students to develop their faith as a longtime director of Campus Ministry's confirmation program. A gifted preacher, he has a keen understanding of issues relating to student life and a voluminous knowledge of Notre Dame history, both of which inform his homilies and enable him to make substantial contributions within the Office of Student Affairs. "He is a faithful and enthusiastic proponent of the University's mission to educate the whole person in mind and heart, and promotes the concept of the Notre Dame family through his preaching of the Word and his active attention to the members of the community."

**Sister Susan Dunn, O.P.**, Special Counselor in the Office of Vice President for Student Affairs, is the recipient of the **2012 Rev. John Francis "Pop" Farley, C.S.C., Award**, given annually to honor distinguished service to student life at Notre Dame. Sister Dunn is a loyal Dominican Sister of Sparkhill who has dedicated the past 11 years to service and ministry through the Office of Student Affairs, first as rector of Lyons Hall and then in the Office of the Vice President for Student Affairs, where she supervised the Career Center, Multicultural Student Programs and Services, and International Student Services and Activities. With unconditional love, she has given personal support to Notre Dame's gay, lesbian, bisexual and questioning students and served as co-chair of the University's CORE Council. Additionally, she has helped form students as chaplain for the women's basketball team and as a member of the initial formation team for the Congregation of Holy Cross. "With her distinguished Brooklyn accent, this 'nun on the run' has stood steadfast with students in times of joy as well as great need."

## Process Improvement Leaders Receive Green Belt Certification

University employees estimate 668 hours in time restored

BY JULIA SAMA AND CLARA RITGER, CONTINUOUS IMPROVEMENT

The Office of Continuous Improvement certified nine new Green Belts on Monday, May 7, bringing the total number of certified Green Belts at Notre Dame to 13.

The Green Belt program, which began in spring 2010, serves as the main vehicle for delivering process improvement results at Notre Dame. Green Belts participate in four days of classroom training, 20 hours of online training, and invest approximately 20 percent of their time during the course of their project to their Continuous Improvement work.

**Carol Mullaney**, director of Continuous Improvement, says

that through their project work, Green Belts "help to make working conditions—and the output we are delivering to our customers—better."

The nine recently certified Green Belts led six different projects in Central Receiving, University Relations, Finance and OIT. The projects resulted in various positive impacts, such as returning time to the departments, increased customer satisfaction and risk reduction. Three of these projects are estimated to restore 668 hours of staff time per year.

**Todd Hill**, senior director for academic and administrative services in OIT, received Green Belt certification for a project involving improvement to IT project intake and delivery processes. Prior to the project, OIT completed 50 to 60 projects each year. With the new process in place, they are completing 30 percent more projects and

customer satisfaction has improved.

**Mark Zeese**, business processes program manager, and **Edward Verhamme**, accounts payable manager, were also certified as Green Belts. Their Form 1099 Process Improvement project resulted in printing 1099 tax forms two weeks earlier while saving 213 hours of work, among other efficiency improvements.

Says Verhamme, "The methodology championed by the Office of Continuous Improvement helped us to achieve our project goals. Our IRS Form 1099 process now produces better quality in fewer hours because the right people are doing the right things at the right time. We were amazed at how smoothly this process went compared to prior years!"

Executive Vice President **John Affleck-Graves** presented each Green Belt with a green martial



Newly certified Green Belts are (from left) Rich Forrester, Edward Verhamme, Katie Rose, Mark Zeese, Pat O'Hara, Todd Hill, Mike Pollex and Ryan Palmer. Not pictured: Tom Guinan.

arts belt embroidered with their names at the certification celebration on May 7. "It is a credit to all here for their willingness to be trained in something new, and for their openness to be pioneers in Continuous Improvement efforts at Notre Dame," he says. "Our vision is for Continuous Improvement to become a way of life on our campus."

To date, 83 employees have participated in the Green Belt training, having launched 56 projects across campus. Those interested in becoming Green Belt certified should contact the Office of Continuous Improvement, 631-1293 or visit [continuousimprovement.nd.edu](http://continuousimprovement.nd.edu).

# PRESIDENTIAL AWARDS

## THE PRESIDENTIAL VALUES AWARD

*In recognition of employees whose performance reflects the University's core values of integrity, accountability, teamwork, leadership in mission and leadership in excellence.*



**NANCY FULCHER**

*Assistant Director Strategic Sourcing,  
Procurement Services*

Those who work with Nancy quickly notice her commitment to the University's Catholic mission and values while making significant contributions for the betterment of the University. Nancy conducts herself with such class and integrity while serving as a role model—personally and professionally—for those fortunate enough to work with her. Nancy willingly adapts to change. For an employee with such longevity, she eagerly embraces change of all types—in her role, in the department's leadership and reporting structure, in technology, and other aspects of work life. Before sustainability initiatives were popular in higher education, Nancy had negotiated the implementation of a reusable tote program with our preferred supplier of office supplies. Notre Dame was the second university to implement this program.

As an employee, Nancy regularly goes above the call of duty. She ensures that her team holds the University's suppliers to high standards. She displays the highest level of integrity while operating in a position that is subject to potential influence. She is selfless and hardworking, and displays a willingness to get involved. Recently, when Procurement was given responsibility for campus travel, Nancy played a key role in the development of the travelND program—the system, the campus rollout, and the implementation of day-to-day management of this highly visible initiative.



**SHARON HAWKINS**

*Senior Human Resource Consultant,  
Department Of Human Resources*

Not many people can claim to be known around campus as the “Mayor of Notre Dame,” but if there were ever an election for this title, Sharon Hawkins would be at the top of everyone's list!

Sharon has a very difficult job as a Senior Human Resource Consultant. She is frequently faced with difficult and challenging situations but always remains positive, relishing in the opportunity to help others. You can find her on campus at all hours of the day and night supporting managers and employees in difficult situations. She is the epitome of a team player—her vocabulary is never about ‘I’ but always about ‘we’. Sharon is as compassionate a person as you will ever meet and wants nothing more than to see everyone at the University be successful and happy in their jobs and in life in general. She makes a point of befriending as many people on campus as possible and greets everyone with a welcoming smile and exceptionally approachable demeanor. It is almost impossible to walk across campus without someone calling out hello to her, or coming over for a hug. She has the uncanny ability to make everyone feel valued. Sharon lives the mission of the University and exemplifies the core values of the University in all she does.

## THE PRESIDENTIAL ACHIEVEMENT AWARD

*In recognition of breakthrough initiatives, extraordinary innovations and significant contributions to the University's long-term success.*



**MAY KWOK**

*Kitchen Associate, Food Services  
South Dining Hall*

What do you do with old pizza dough? May Kwok in South Dining Hall can tell you. She takes the time to roll them out and cuts them into cinnamon rolls. Students line up to get them! May shows outstanding creativity in not wasting food and keeping her customers happy. Her innovations have led to new menu items, such as the “make-your-own” pizza. The idea materialized when she ran out of pizza crust toward the end of a meal. She went to the deli and started using pita bread rounds to make individual pizzas. She could not make them fast enough! May is also responsible for taking extra breadsticks and making them into cinnamon breadsticks, which again became so popular they were added to the regular menu. If there is an issue with an ingredient, she takes great initiative to correct the problem or find a creative solution, always taking pride in presenting a consistent and quality product to the students. May is extremely diligent in teaching the correct techniques to others so all shifts can provide an excellent menu item. Her innovation, creativity, initiative and continual pursuit of quality all exemplify her outstanding customer service.



**GARRETT MORASKI**

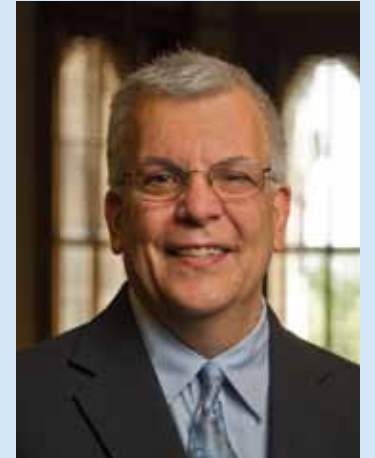
*Administrative Research Technician-  
Lab Program Manager,  
Chemistry and Biochemistry*

Garrett is driven to improve the lives of others through innovative discovery, and the results are most impressive. He has not only discovered potential new therapies for dreaded diseases like tuberculosis, drug-resistant bacterial infections and cancer, but shares the knowledge through his publications and patents. The results have attracted considerable attention to Notre Dame with several intellectual property developments that have been licensed or are under negotiation. He is the ideal role model for enthusiastically doing innovative research, sharing it through publications and patents while being a congenial, constructive and positive ambassador for the power of new knowledge.

Garrett serves as a lab manager, doing all of the ordering, organizing the labs, helping get new coworkers settled, introducing the electronic notebook system and many other services that keep the group running well. At the same time, he writes manuscripts and patent applications, prepares seminars, organizes chemical data and results from assays by many collaborators around the world, and has been very helpful in preparation of successful grant applications and even helping to organize startup/spin-off companies, including interactions with outside interested parties. While doing everything, Garrett serves as an excellent role model for how to do chemistry and does it well and, at the same time, is a caring, interactive group citizen.

## THE PRESIDENTIAL LEADERSHIP AWARD

*In recognition of regular staff supervisors, exempt or non-exempt staff, for their outstanding servant leadership.*



**AUGIE FREDA**

*Director, Development-Research*

Augie's leadership and management style allow his staff to work to their fullest potential. They will readily affirm, “He gets it, and treats us all with such respect that we are energized to do our very best. He is truly an exceptional leader.” Augie has a process in place that provides a clear expectation—there is a predictable flow from the time a research request is logged in until the finished report is posted. Many of Augie's staff believe he is the best manager they have ever worked with. His faith-based approach to leadership creates a feeling of importance for each one because he gives them the credit for projects that they have done well, both individually and as a team. Working as a team is very important to Augie, and he provides team-building experiences on a regular basis. He understands that team members have different learning and work styles and is willing to make adjustments so that each individual can be successful.

Augie really cares about the people who report to him, and understands the need for a good balance of work and home life and what is important. He has a great sense of humor and always has a positive attitude. Augie is a wonderful leader and gentle Christian man, and because of that, he has a happy, well-rounded staff, full of enthusiasm for Our Lady's University.



## PHASE II CONSTRUCTION OF CEDAR GROVE MAUSOLEA

Ground was broken in May for two new mausolea at Cedar Grove Cemetery, bringing the number of above-ground burial sites to four—all named from the Litany of Mary. The two newest, **Mary, Holy Mother of God** and **Mary, Holy Mother of the Church**, are expected to be completed by early December.

All four buildings were designed by Notre Dame's **Thomas Gordon Smith**, professor of architecture. The new mausolea will offer 288 companion niches (burial spaces for cremated remains) per building as well as four types of crypts.

Although Notre Dame faculty, staff and retirees as well as members of Sacred Heart Parish are eligible for burial in the mausolea, the majority of the requests for above-ground burial come from Notre Dame alumni.

For further information, contact Karmin Meade at [kmeade1@nd.edu](mailto:kmeade1@nd.edu) or 631-5660.

*Architect's rendering of Phase II of the construction.*

# Office of the Provost announces

The University congratulates faculty members whose emerita/emeritus designations were announced

## TO EMERITA OR EMERITUS



**John G. Borkowski**  
*Psychology*



**Jacqueline V. Brogan**  
*English*



**Sondra Byrnes**  
*Management*



**E. Jane Doering**  
*Program of Liberal Studies*



**Ian B. Duncanson**  
*Radiation Laboratory*



**Samuel S. Gaglio**  
*Mendoza College of Business*

## TO EMERITA OR EMERITUS



**Nathan D. Mitchell**  
*Theology*



**Walter J. Niegorski**  
*Program of Liberal Studies*



**L. John Roos**  
*Political Science*



**Stephen E. Silliman**  
*Civil Engineering and  
Geological Sciences*



**John A. Weber**  
*Marketing*



**Thomas L. Whitman**  
*Psychology*

## TO PROFESSIONAL SPECIALIST



**Kevin Barry**  
*Kaneb Center for Teaching  
and Learning*



**Denise M. Della Rossa**  
*Teaching Professor  
German and Russian  
Languages and Literatures*



**William L. Donaruma**  
*Teaching Professor  
Film, Television, and Theatre*



**Margaret M. Forster**  
*Teaching Professor  
Finance*



**Judith L. Fox**  
*Clinical Professor  
Law School*



**Edward F. Hums**  
*Teaching Professor  
Accountancy*

## TO RESEARCH ASSOCIATE PROFESSOR



**Nicolas Lehner**  
*Physics*



**Sergei B. Vakulenko**  
*Chemistry and Biochemistry*

## TO RESEARCH PROFESSOR



**Samuel B. Newlands**  
*Philosophy*



**Pierpaolo Polzonetti**  
*Program of Liberal Studies*



**Alison Rice**  
*Romance Languages and  
Literatures*



**Sebastian Rosato**  
*Political Science*

## TO ASSOCIATE PROFESSOR AND TENURE



**David A. Clairmont**  
*Theology*



**Jessica L. Collett**  
*Sociology*



**Joshua D. ShROUT**  
*Civil Engineering and  
Geological Sciences*



**Daewon Sun**  
*Management*

# Announces faculty milestones

These promotions, appointments as endowed professors  
announced at the President's Dinner Tuesday, May 22.



**Maureen T. Hallinan**  
*Sociology*



**Ronald A. Hellenthal**  
*Biological Sciences*



**Laura Holt**  
*London Undergraduate Program*



**James W. Kaiser**  
*Physics*



**Charles F. Kulpa Jr.**  
*Biological Sciences*



**Joanne M. Mack**  
*Anthropology*

## TO ASSOCIATE PROFESSIONAL SPECIALIST



**Christian M. Dallavis**  
*Alliance for Catholic Education*



**Jennifer R. Fox**  
*First Year of Studies*



**Michelle V. Joyce**  
*Associate Professor of the Practice Chemistry and Biochemistry*



**Anne B. Pilkington**  
*Associate Teaching Professor Mathematics*



**Rev. Thomas G. Streit, C.S.C.**  
*Associate Professor of the Practice Biological Sciences*



**Sean P. Wernert**  
*First Year of Studies*

## TO LIBRARIAN



**James A. O'Brien**  
*Teaching Professor Accountancy*



**Elizabeth A. Dube**  
*Hesburgh Libraries*



**Alan D. Krieger**  
*Hesburgh Libraries*



**Collette G. Mak**  
*Hesburgh Libraries*



**Zhi Da**  
*Finance*



**Gerald J. Haefel**  
*Psychology*



**Victoria Tin-bor Hui**  
*Political Science*



**Omar A. Lizardo**  
*Sociology*



**Sara L. Maurer**  
*English*



**Nicole M. McNeil**  
*Psychology*



**Alexandros A. Taflanidis**  
*Civil Engineering and Geological Sciences*



**Zhiliang Xu**  
*Applied and Computational Mathematics and Statistics*

## NOT PICTURED

### TO EMERITA OR EMERITUS

- Gerald B. Arnold**, *Physics*
- David E. Aune**, *Theology*
- William G. Dwyer**, *Mathematics*
- Joseph P. Gultinan**, *Marketing*
- Robert C. Johansen**, *Political Science*
- David J. Kirkner**, *Civil Engineering and Geological Sciences*
- Thomas H. Kosel**, *Electrical Engineering*
- Jadwiga Warchol**, *Physics*

Continued on page 8

# Office of the Provost announces faculty milestones

*Continued from page 7*

## TO PROFESSOR



**Thomas F. Anderson**  
*Romance Languages and Literatures*



**Patricia A. Blanchette**  
*Philosophy*



**W. Martin Bloomer**  
*Classics*



**Seth N. Brown**  
*Chemistry and Biochemistry*



**David E. Campbell**  
*Political Science*



**John C. Cavadini**  
*Theology*



**Jon T. Coleman**  
*History*



**Brad S. Gregory**  
*History*



**Sandra M. Gustafson**  
*English*



**Michael D. Hildreth**  
*Physics*



**Geoffrey C. Layman**  
*Political Science*



**Candida R. Moss**  
*Theology*



**Darcia F. Narváez**  
*Psychology*



**Glen L. Niebur**  
*Aerospace and Mechanical Engineering*



**David A. Smith**  
*Psychology*



**Duncan G. Stroik**  
*Architecture*

## NOT PICTURED

**TO PROFESSOR**  
**Gerard K. Misiolek, Mathematics**



## TO ENDOWED PROFESSOR



**Donald Crafton**  
*Joseph and Elizabeth Robbie Professor of Film, Television, and Theatre*



**Richard A. Jensen**  
*Gilbert Schaefer Professor of Economics*



**Joannes J. Westerink**  
*Notre Dame Professor of Computational Hydraulics*

# Crawford rides again to raise funds for Parseghian Foundation

BY MARISSA GEBHARD,  
COLLEGE OF SCIENCE

**Greg Crawford**, dean of the College of Science, will be cycling 3,250 miles from Boston to Pebble Beach, Calif., to raise awareness and funds for research to find a cure for Niemann-Pick Type C (NPC) disease. His third cross-country ride started Monday, May 21, and concludes Friday, June 22, in time for the Parseghian Classic, a golf fundraiser at Pebble Beach Resorts. The “Road to Discovery”

bicycle ride demonstrates Notre Dame’s commitment to research to find a cure or treatments for the devastating disease that took the lives of three grandchildren of former Notre Dame head football coach **Ara Parseghian**.

The genetic, fatal neurodegenerative disease, which prevents the body from effectively processing cholesterol, primarily strikes children, who succumb to the disease before or during adolescence. Researchers have identified its cause and made significant progress

toward treatment in recent years, but there is still no cure.

Last summer, Crawford and his wife, Renate, rode from Boston to Dallas, visiting families with children affected by the disease as well as other research centers across the country that also investigate NPC. This summer, Crawford will visit Notre Dame Clubs and families affected by NPC on the ride through Connecticut, New York, Ohio, Indiana, Illinois, Iowa, Nebraska, Colorado, Utah, Nevada and California.

“Notre Dame researchers are at the forefront of NPC research, and their advances in the understanding of this disease give hope to all NPC children and their families,” says Cindy Parseghian, who co-founded the Ara Parseghian Medical Research Foundation just two months after three of her four children were diagnosed with NPC.

Through the Michael, Marcia and Christa Parseghian Endowment for Excellence at Notre Dame, NPC researchers at the University and other U.S. institutions collaborate

with other NPC researchers, parents and clinicians in Australia, Germany, Switzerland, Brazil, France and Canada to bring together expertise in molecular biology, drug discovery, cell biology and neurology, with results from clinical studies.

Visit Crawford’s blog, [blogs.nd.edu/gregcrawford/](http://blogs.nd.edu/gregcrawford/), to read daily entries about his ride, the inspiring parents of children with NPC and the supportive Notre Dame family he will meet along the route.



# Congratulations to employee graduates!

BY CAROL C. BRADLEY, NDWORKS



*“What a great program this has been for the staff of Notre Dame!” says Patti Jo Reinhardt, administrative assistant in Gigot Center, Mendoza College of Business, who completed her associate degree in applied science this spring.*

Spring is graduation time, and the University congratulates those employees who have recently completed education programs offered through the Office of Human Resources **Learning at Work Skills Academy**.

In ceremonies held on Friday, May 4, 24 employees graduated with associate degrees and 16 with technical certificates.

In remarks at the graduation ceremony, **Patti Jo Reinhardt**, administrative assistant in Mendoza’s Gigot Center, said, “We would not be standing here if it wasn’t for a movement across campus, an idea that something needed to be done to provide our employees with opportunities for advancement. What a great program this has been for the staff of Notre Dame!”

“Because of what Notre Dame has given me—the chance for an education, and one I would have had to struggled to obtain—I have now what I consider a career. Don’t let this moment today be your last step. Continue your education; it can only make you better.”

Learning at Work programs are designed to encourage employees’ personal and career development while strengthening the talent base for the University and the larger community. Three different programs are included:

**ESL (English as a Second Language)**, for non-native speakers who want to increase their fluency in spoken and written English.

**GED (General Education Diploma)**, a preparation program that gives employees who did not complete a high school education the opportunity to refresh academic skills needed to complete the GED examination.

**Ivy Tech Technical Certificate Program (TC) or Associate in Applied Science Degree**, an accelerated program offered through Ivy Tech enabling regular full- and part-time employees the opportunity to earn a technical certificate in one year, or an associate degree in two years.

For information on Learning at Work Skills Academy programs and other employee learning and development opportunities, contact the askHR helpline at 631-5900 or visit [hr.nd.edu/career-development/learning-development/](http://hr.nd.edu/career-development/learning-development/).



PHOTOS: JOE RAYMOND

*Forty employees were honored at IvyTech graduation ceremonies held Friday, May 4. This spring 24 employees graduated with associate degrees and 16 with technical certificates.*

## SERVICE ANNIVERSARIES

The University congratulates those employees who celebrate significant anniversaries in May and June, including 45-year employees **Janet M. Kruszewski** and **Guadalupe Mascorro**, Food Services.

### 40 years

**Joan M. Bradley**, Office of the President Emeritus  
**Shirley A. Hums**, Customer Support Services

### 35 years

**John M. Grudzinski**, utilities  
**Mary C. Nagle**, Risk Management and Safety  
**Randal C. Ruchti**, physics  
**Donald R. Sopczynski**, Custodial Services

### 30 years

**Bertha Barrozo**, Custodial Services  
**Julie A. DeBuysser**, football  
**Hoa T. Duong**, St. Michael’s Laundry  
**Umesh Garg**, physics  
**Jackie A. Haslett**, physical education  
**Dennis M. Snow**, mathematics

### 25 years

**Larry D. Born**, preventive maintenance  
**Susan L. Brandt**, financial aid  
**Debra K. Fox**, Law Library  
**Joachim Goerres**, physics  
**Anne E. Hayner**, Kroc Institute  
**Donald R. Miller**, Food Services  
**Vicki M. Mack**, Freimann Animal Care Facility

**Muffet McGraw**, women’s basketball  
**Deborah M. Webb**, Hesburgh Libraries  
**William L. Wilkie**, marketing  
**John R. Zack**, Basilica of the Sacred Heart

### 20 years

**Gerard V. Bradley**, Law School  
**Linda S. Helfrich**, Holy Cross House Food Service  
**Franklin T. Mark**, Mendoza College of Business  
**Manuel Navarrete**, Morris Inn  
**Patrick J. Thorsen**, Preventive Maintenance

### 15 years

**Sally A. Almassy**, EIS – communication services  
**Brian R. Anders**, Landscape Services  
**Robert D. Bretz**, management  
**Shannon J. Carter**, economics and econometrics  
**G. Christopher Clark**, Kaneb Center  
**Gregory A. Dhoore**, Fire Protection  
**Michael D. Donovan**, investment office  
**Deanna K. Gumpf**, softball  
**Margaret S. Hnatusko**, student activities  
**Patricia M. James**, development  
**Linda S. Lange**, DCL Services

**Michael D. Seamon**, Office of Campus Safety  
**James A. Williams**, Custodial Services  
**Xiaoshan Yang**, East Asian languages and cultures  
**Hollee K. Young**, Huddle

### 10 years

**Vaibhav Agarwal**, Procurement Services  
**Margaret Bolstetter**, Mendoza College of Business  
**Laurel P. Cochran**, Law Library  
**Julie W. Dallavis** and **Ronald J. Nuzzi**, Alliance for Catholic Education  
**Brent W. Harker**, genomics, disease ecology and global health  
**Robert L. Jones**, legal aid clinic  
**Jon M. Loftus**, Center for Environmental Science and Technology  
**Velshonna N. Luckey**, Robinson Community Learning Center  
**Christy F. Miller**, financial aid  
**Jeremy D. Miller**, Audit and Advisory Services  
**John C. Nelson**, Transportation Services  
**Joseph Reimers**, Law Library  
**Donna Thompson**, Academic and Administrative Services  
**Lisa M. Yates**, human resources

## NEW EMPLOYEES

The University welcomes the following employees who began work in April:

**Timothy J. Ballas**, Army Science  
**Erin Bess**, Adam Stoffel and **Christopher W. Walsh**, Development  
**John S. Breeden**, **Stephen M. Capuano** and **Jennifer L. Clapp**, athletics event marketing and ticketing  
**Joel Corush** and **Yana Fedotova**, biological sciences  
**Francisco L. Hanson-Macasieb**, Law School  
**Susan C. Hernandez**, Joyce Center

**Damian T. Kearney**, Institute for Educational Initiatives  
**Cedric Loiseau**, fencing  
**Guoyi Peng**, aerospace and mechanical engineering  
**Cheryl Rimes**, Annual Giving Programs  
**Scott M. Rinehart**, Athletic Events  
**William Scott**, engineering and science computing  
**Lori Tinkey**, management  
**Lauren M. Toth**, Food Services Support Facility  
**Vinh Tran**, Custodial Services

## FATHER AND DAUGHTER ENROLLED IN GED PROGRAM

**Annamarie Rohrer**, food services associate in the South Dining Hall, decided to earn her GED (General Education Development) after her father, **Mike Cora**, also a South Dining Hall Food Services employee, enrolled in the GED program offered by the Office of Human Resources Learning at Work Skills Academy. The GED program is offered through the South Bend Community School Corporation.

*“I thought if he had the ambition to go back to school, I could do it, too,” Rohrer says.*

After completing her GED program in the fall of this year, Rohrer enrolled in the Occupational Therapy Assistant Program at Brown Mackie College.

Her father Mike, who’s working to finish his own GED was present to cheer Annamarie as she received her diploma. When Mike completes his own GED, Annamarie says, she will be there with her own children to support him.



PHOTO PROVIDED

*Annamarie Rohrer and her father, Mike Cora, both Food Services employees, took advantage of the GED program offered through the Learning at Work Skills Academy.*

# MAKING A DIFFERENCE

## Program aims to build connections



Kevin Dugan with Bol Agwick at Irish Experience Camp. Bol's father, Ring Agwick, who works in Custodial Services, is a former Sudanese refugee.

### Creates connections between student-athletes, students and the community

BY GENE STOWE, FOR NDWORKS

Kevin Dugan '01, a New Jersey native who played lacrosse at Notre Dame while earning a degree in finance, left the investment banking job he landed at Merrill Lynch after less than a year, and developed a successful lacrosse coaching career at Gordon College, Yale University and the University of Scranton.

But after Rev. Scott Pilarz, now president of Marquette University, sent him to chaperone students on

an international service trip to El Salvador in 2007, a new vocation began to emerge. Dugan returned from the trip with a new calling.

"The trip changed my worldview and gave me a new perspective on how sport can be used to advance the common good," Dugan recalls. "The trip and many others to follow led me out of coaching and into what I'm doing now. I like to describe my job as leveraging the Notre Dame athletic department into positive social impact."

He came to Notre Dame in 2010 to work for his former coach, Kevin Corrigan, as director of lacrosse operations.

"Coach had me doing some really unique things to bring value to the program and the community," said Dugan. "All things that ultimately led me into my new position as manager of youth and community programs."

The initiative, he says, is part of athletic director Jack Swarbrick's vision to make the department the "front porch of the University to the community," says Dugan. In addition to Dugan, Swarbrick recently hired Mike Harrity for the new position of associate athletic director for student-athlete development and community programs.

Harrity's staff also includes Keith Embrey, director of student-athlete



Wide receiver Michael Floyd dodges a sack in the Irish Experience League.

development; Sarah Smith, program coordinator for student-athlete development and community programs; Kathryn Coneys, summer camps coordinator; Dawn Mays, administrative assistant; and Matt Weldy, intern for youth sports and community.

"My job is really infused with the ethos of the institution, it is mission-driven work that makes me excited about coming to work every day," says Dugan.

Dugan's primary efforts are centered around the Irish Experience Programs, which aim to build community between student-athletes and other students on campus while reaching out to South Bend area youth and their families with a coherent program that maximizes the impact of volunteers' hours. Dugan has been shaping the initiative around the athletic department's pillars of excellence, education, faith, tradition and community.

"The holistic nature of the five pillars is what creates a special Notre Dame experience for our student-athletes. That is what we want to share with the children we serve," Dugan says.

"We're making an intentional effort to build sustained relationships in the community. We're trying to get away from the isolated, random act of volunteerism. We want to develop more thoughtful programming and think we are on the right track."

The Irish Experience Programs include the Irish Experience League, which includes Sunday afternoons filled with youth sports activities at the Martin Luther King Center and the newly built Kroc Center; the Irish Experience Camp, a summer camp for children in the area; and Irish Experience Data, special campus visits that touch upon the Notre Dame commitment to excellence, education, faith, tradition and community.

The program is not restricted to varsity student-athletes, Dugan adds. Student-athletes will have the opportunity to serve alongside fellow students, professors and staff from around campus.

"In everything we do, our goal is to build community—both internal and external," he says.

## Malawi Matters

### Program empowers Malawians to teach others about HIV/AIDS

BY GENE STOWE, FOR NDWORKS

Liz Rosencrantz, assistant registrar and business manager in the Office of the Registrar, will spend three weeks in Africa this summer with Malawi Matters, a South Bend-based initiative to provide HIV/AIDS education in the country that has some 650,000 AIDS orphans.

Malawi Matters grew out of connections at First Presbyterian Church in South Bend, the largest concentration of Malawians in the denomination and part of a community of more than 1,500 in the area. Rosencrantz has taught elementary students at the church for more than 20 years, and Malawi

Matters founder Phyllis Wezeman, who had been the church's director of Christian education, recruited her to be an officer of the board for the charity.

Wezeman, once an adjunct Notre Dame faculty member in the Theology Department, created the book, "Through the Heart: Creative Methods of HIV and AIDS Education" as part of the training tools. Malawi Matters promotes a self-sustaining "train the trainer" education program that empowers Malawians to independently teach others about HIV and AIDS.

Rosencrantz, who manages the commencement and registrar websites, is also in charge of malawimatters.org and co-administrator of the group's Facebook page. Wezeman convinced her that her teaching experience, mostly hands-on activities and storytelling, was a perfect fit for the

HIV/AIDS education.

Rosencrantz will be among 10 people on a training team who will spend up to three weeks in Malawi. The all-volunteer agency will train approximately 672 key leaders from 56 churches in six of the denomination's Presbyteries. The key leaders will be equipped with training and supplies to educate thousands more of their members.

Other members and

associates of First Presbyterian at Notre Dame who participate in the Malawi project include Mendoza College of Business academic adviser Doug Hemphill; philosophy professor Robert Audi; Reilly Center for Science, Technology, and Values Director Don Howard; professor emeritus Don Sporleder of the School of Architecture; and Kevin Dreyer, associate professor of Film, Television, and Theatre, whose wife, Indi Dieckgrafe-Dreyer of Saint Mary's College, accompanied Wezeman on her first trip to Malawi.

The not-for-profit is raising \$98,435 for this year's trip to cover costs for Malawian students (not including volunteer expenses of \$3,500 each).

For more information or to support the organization's cause, visit [malawimatters.org](http://malawimatters.org).



Rosencrantz

# MAKING A DIFFERENCE

## Relay for Life raises \$167,585

BY GENE STOWE, FOR NDWORKS

**Roberta White** was lying awake one night, seeking some way to turn the frustration of watching her father's losing battle to lung cancer into something with a positive impact, when she remembered Relay for Life.

Her mother had died two decades earlier of lung cancer, and she had been taking care of her father for five years.

"I decided I wanted to put my energies into something that was more positive," she recalls, adding that organizer **Jessica Brookshire**, associate director of public affairs, helped her start a team.

White, senior administrative assistant in Public Information Communication, named the team "Walking on Sunshine" to reflect the comforting connection she had long felt between her mother and rainbows, and adopted the slogan "Rallying to turn rain into rainbows."

This year's Relay, which included 84 teams and 1,413 participants, raised \$167,585 to donate to cancer awareness and research. Five teams raised more than \$5,000 each — White's **Walking on Sunshine**, **Techies Tackling Cancer** (OIT), **Team Book 'Em** (Hammes Notre Dame Bookstore, the Fire Department and the Morris Inn and

Conference Center.) **Pasquerilla East** and **ROCK Out for a Cure** (the Finance Division). Members of those teams will receive a tour of the stadium.

The top fundraising team was the Fire Fighting Irish (\$17,550); top individual fundraiser was **Susan Antonovitz** (\$1,355), technical editor and writer in OIT's training department.

White's team's money was raised in hundreds of small chunks—\$5 for five minutes of professional in-office massage, \$5 for a carry-in soup-and-salad lunch or a sellout Chick-Fil-A special, \$2 to wear jeans in the Main Building on dress-down day (although some put \$20 in the jar).

Last year, she joined the planning committee and saw the fine-tuned organization that Brookshire has built in the past eight years. Brookshire was the recipient of the American Cancer Society Dedication Award in 2012.

A new initiative this year, the Put Up Your Feet campaign, sold purple paper feet for \$1 each for buildings to display in their windows. The feet alone raised \$1,505 for this year's Relay.

Fundraising for Relay requires both stamina and ingenuity. "People really do care and want to make a difference," says White. "It's just a matter of asking."



White



### TOP FUNDRAISING TEAM



The Notre Dame Fire Department's "Fire Fighting Irish" Relay for Life team raised \$17,500 this year—making them the top fundraising team for 2012. The team's NDFD logo merchandise, including T-shirts (in adult and youth sizes) and sweatshirts, are available at the Hammes Notre Dame Bookstore.

Left to right: Assistant Fire Chief Tim Hoepfner; Fire Chief Bruce Harrison; Jessica Brookshire, public affairs associate director; Keith Kirkpatrick, bookstore director; and Mary Weigle, Fire Department coordinator of office services. Inside truck, Firefighter Damien Cruz.

## Group brightens lives of local senior citizens

BY BRITTANY COLLINS, NDWORKS

When **Forestine Jackson's** dad died in April at the age of 103, she started thinking about ways to carry on his legacy.

"I was just thinking about some things that my parents used to say to us. One of the things we were raised to do was to take care of elderly people," says Jackson, records processor in the Department of Psychology's Adult Development and Aging lab.

"Up till my dad was 99, he was out helping take care of seniors. When you go out into the community, you find that there's such a great need. Mostly people are helping youth. Seniors tend to be forgotten."

Jackson made a new year's resolution to start doing something four or five times a year.

"I started out with a small group and found a low-income housing/independent living group on the west side of South Bend," she says. "I asked if I could do something from time to time. I



Campus volunteers brighten the lives of senior citizens.

just send emails to friends and co-workers and say, 'This is what we're going to do.'"

The group, made up of people from the lab, from housekeeping and some from First Year of Studies, started at Thanksgiving by giving pumpkin pies to residents of LaSalle Park Homes and William C. Ellison apartments in South Bend.

Jackson plans something monthly or on holidays, choosing simple and

inexpensive gifts to make it easy for people to donate. The group gave stuffed bears and cards for Valentine's Day, and in March sent everyone an Easter card with different Bible verses in them.

Though the group is informal, Jackson encourages others to take an hour a month and make a difference in the lives of senior citizens. She can be reached at [fblake2@nd.edu](mailto:fblake2@nd.edu).

# Habitat for Humanity volunteers contribute time and skills



## New house south of campus for Food Services employee

BY GENE STOWE, FOR NDWORKS

For more than 20 years, Geary Locke has worked for Notre Dame, first in Food Services, then in General Services, now in the Notre Dame Conference Center in McKenna Hall. Now, a few blocks south of campus, University colleagues and others are working with Locke, building a two-story Habitat for Humanity house where his family will move this summer.

"I'm happy I can own a home," Locke said on his first visit to the job site, in April. "It's nice to see where I can own something and see it come together."

Locke first applied for a Habitat house about four years ago, starting a process that involves qualifying the family's income and providing training in financial literacy, home management and construction.

"They explain classes and how to do the plumbing and the wiring and the drywall," Locke said. "After that you go and help another partner family and then they come and help you. That's how everything gets started."

Tom Coxe, volunteer care director for Habitat for Humanity of St. Joseph County, said The Northeast Neighborhood Revitalization Organization (NNRO) sold the lot on St. Peter Street to Habitat for \$1, and the agency worked with NNRO officials to ensure that the design blends with the neighborhood.

Homeowners in the Habitat program provide 300 hours of "sweat equity" on their own home and others, make a down payment, and assume a 30-year interest-free mortgage for the home.

Workers hope to complete the house in late June. Locke and his wife, Mary, will move in with their daughters Ashley, an Adams High School senior, and Tamara, a junior. An older son, Geary Jr., has already moved out of the family home.

Volunteer labor comes from individuals and groups, including many from Notre Dame. "The groups that have volunteered are University Relations, University Architects Office, Continuous Process Improvement, Finance, Notre Dame Conference Center staff and the Morris Inn," said Jeri DeCola, property manager in Asset Management. "Several individuals around campus have volunteered also."

On the morning of the second building day for Locke's house, workers from Mount Carmel Missionary Baptist Church helped clad the exterior walls, and by afternoon, work was progressing on the garage.

"The thing I like about this program is it doesn't matter what church you go to," Locke said. "They get everybody together to come and help out. I can return the favor and help somebody else get their house started."



*Custodian Geary Locke is the recipient of a Habitat for Humanity home being built near campus. Many campus volunteers have contributed to the project, including, at top, Sara Pope-Davis and Greg Hakanen, director of asset management; center, a group of volunteers from Campus Services; below Jeri DeCola (orange jacket), property manager in Asset Management.*