

ICeNSA, United Way tackle childhood obesity



Connecting children with a wellness platform

BY CAROL C. BRADLEY, NDWORKS

ICeNSA, the Interdisciplinary Center for Network Science and Applications, directed by **Nitesh Chawla**, the Frank Freimann Collegiate Associate Professor in computer science and engineering, is making transformative advances in personalized health care and wellness by connecting data, computing, social networks, and people.

The center's faculty, staff and students are collaborating with local, state and regional health care providers, a regional health-information exchange and community organizations such as United Way in the health and wellness research initiative—with a focus on patient-centered outcomes and wellness, says Chawla.

“We aim to increase the quality and years of life in the overall population, reduce cost, and eliminate health disparities by race, ethnicity and income.”

ICeNSA scientists are currently collaborating on a United Way initiative in St. Joseph County on childhood obesity, nutrition and academic performance, focusing on the research and deployment of a Web-based health and wellness

platform to help children set goals, eat healthy food and lose weight.

The project is supported by a United Way Foundation grant, with funds earmarked to specifically address the need in the community for improving childhood nutrition and reduce obesity.

It's a component of a larger socio-ecological model, with a goal of creating large-scale social change, says **Waldo Mikels-Carrasco**, the community health research program manager at iCeNSA.

Childhood obesity is a national issue, with approximately 17 percent (12.5 million) children and adolescents classified as obese. Nationally, one in seven low-income preschool-age children are obese. At the same time, adequate nutrition continues to be a problem. Childhood hunger and childhood obesity both have documented effects on academic performance.

Within the South Bend Community School Corporation alone, SBCSC statistics indicate that the percent of students qualifying for free or reduced-price lunches at the primary level ranges from 64 to 96 percent; at the intermediate level from 40 to 89 percent; and at the high school level 55 to 79 percent. Students qualify for the USDA school lunch program based on household size and income eligibility.

The Food Bank of Northern Indiana also reports that 41 percent

of households receiving food have children under 18, with 79 percent of the households experiencing food insecurity.

The current project, **Creating Large-Scale Social Change in Childhood Obesity & Academic Performance: A collective impact approach for St. Joseph County**, acknowledges that no single community organization can improve the health of families living at or below the poverty level.

ICeNSA's contribution to the collaboration is a Web-based health and wellness platform at the school or school system level that has the components to engage and empower healthy behaviors. The program can connect all students, allow them to set individual goals, and, ideally, encourage them to want to move to the next healthier level.

Students' BMI (body mass index) numbers will be tracked for a year. With the secured and personalized website, students will be able to set individual goals and have the support of peers—and hopefully choose to move to the next healthier level.

The program will be piloted at the **South Bend Career Academy**, where every student has a tablet. The program, Mikels-Carrasco notes, can also connect to a Fitbit or other digital trackers.

Encouraging healthy eating and exercise has dramatic impact, he says. “A principal at a South Bend elementary school raised ISTEP scores 30 percent.”

Continued on page 12

WHY UNITED WAY?

Your donations change lives

BY JESSICA BROOKSHIRE FOR NDWORKS

Last year, the University was the largest workplace contributor to the United Way in St. Joseph County.

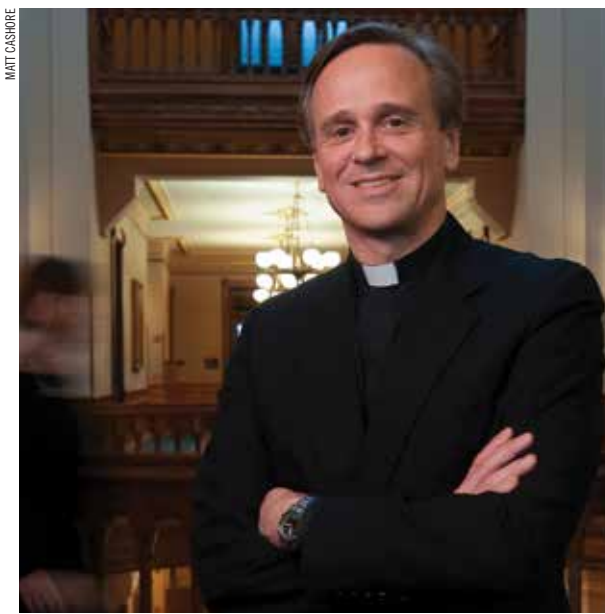
Our donations to the **United Way of St. Joseph County** (of which **98.5 percent** stay in the community) helped fund 54 programs offered by 24 community agencies, providing services to more than 150,000 children, women, men and families—a number that represents 56 percent of St. Joseph County's residents. Your donations change lives!

Your workplace United Way pledge also funds the University's **Employee Compassion Fund**, which helps our co-workers who have emergency or catastrophic needs.



Invest in St. Joseph County by pledging or donating to the University's 2013 United Way campaign via E-pledge at unitedway.nd.edu. Pledge cards may also be returned to: United Way Campaign, 100A Brownson Hall, Notre Dame, IN 46556. Pledge cards must be returned by Friday, Dec. 13, to meet the deadline for payroll deduction.

For more information on United Way member agencies, see Page 12.



“Possibly the greatest asset of Notre Dame and its employees is that both are ready to serve and build their community whenever there is a need.”

—Rev. John I. Jenkins, C.S.C.

CONTEST
ENTER TO WIN!

We're celebrating the 10th anniversary of NDWorks and the Grand Opening of the new Morris Inn with great prizes every month from August through December! **See the entry form on page 8.**

NEWS BRIEFS

KEOUGHs MAKE \$30 MILLION GIFT TO NOTRE DAME

Donald and Marilyn Keough have made a \$30 million gift to the University to underwrite the construction of a new building for its international institutes. To be named in honor of Notre Dame's president, Rev. John I. Jenkins, C.S.C., the structure will be conjoined to Nanovic Hall, a recently announced facility to be built on Notre Dame Avenue south of the Hesburgh Center for International Studies.

MORRIS INN RECEIVES AAA FOUR DIAMOND RATING FOLLOWING RENOVATION

Morris Inn has received the coveted AAA Four Diamond award for the first time. The award comes after the inn's recent \$30 million renovation. Morris Inn, reopened in August after a nine-month renovation, is the



Morris Inn

only property north of Indianapolis in Indiana to hold the Four Diamond distinction and is the 10th hotel in the state to achieve this rating. Fewer than 5 percent of the more than 30,000 properties approved by AAA are awarded Four Diamond status.

REV. TIM SCULLY, FOUNDER OF ACE PROGRAM, TO RECEIVE MANHATTAN INSTITUTE'S WILLIAM E. SIMON PRIZE

Rev. Timothy R. Scully, C.S.C., Hackett Family Director of the Institute for Educational Initiatives and professor of political science, has been awarded the \$100,000 William E. Simon Prize for Lifetime Achievement in Social Entrepreneurship by the Manhattan Institute for founding and leading the Alliance for Catholic Education. The monetary prize will be given to the Congregation of Holy Cross to support its worldwide education mission.

JOAN F. BRENNECKE AWARDED AMERICAN CHEMICAL SOCIETY'S E.V. MURPHREE AWARD

Joan F. Brennecke, Keating-Crawford Professor of Chemical and Molecular Engineering and director of the Notre Dame Center for Sustainable Energy, has been awarded the E.V. Murphree Award in Industrial and Engineering Chemistry from the American Chemical Society for outstanding research of a theoretical or experimental nature. Brennecke is internationally known for her research in the development of solvents, specifically supercritical fluids and ionic liquids. Her research interests include supercritical fluid technology, ionic liquids, thermodynamics, environmentally benign chemical processing, and carbon dioxide separation, storage and usage.

JULIA DOUTHWAITE TO RECEIVE 2013 SHEEDY AWARD

Julia Douthwaite, professor of French and Francophone studies in the College of Arts and Letters, has been selected to receive the 2013 Sheedy Excellence in Teaching Award. Douthwaite focuses her research on the French Enlightenment, the Revolution and French-English relations in the 18th and 19th centuries. During her time at Notre Dame, Douthwaite has served as associate dean in the College of Arts and Letters, director of Notre Dame's study abroad program in Angers, France, and assistant provost for international studies. She is also an active volunteer in the local South Bend community schools and teaches in Notre Dame's Upward Bound summer academy.



Douthwaite

IN MEMORIAM: ROGER SCHMITZ, NOTRE DAME ENGINEERING PROFESSOR AND ACADEMIC ADMINISTRATOR

Roger A. Schmitz, 78, professor emeritus of chemical and biomolecular engineering, died at his home in South Bend on Oct. 11, after a courageous and dignified struggle with amyotrophic lateral

Voice your opinions with ImproveND

Survey available through Nov. 22

BY DAR CUTRONA, NDWORKS



Faculty and staff will have the opportunity to give feedback on a variety of services offered across campus by participating in the ImproveND survey Monday, Nov. 4, through Friday, Nov. 22.

The confidential, biennial online survey was first introduced in 2009 and is managed by the Office of Strategic Planning and Institutional Research (OSPIR). Respondents should expect to spend about 25 minutes to complete this year's version of the survey, which contains questions across a wide range of topics from campus security and food services to training and development opportunities and working conditions. All questions were developed through consultation between numerous campus offices and OSPIR.

ImproveND is an important tool that is used to confirm areas of strength at the University and bring to light areas for improvement. The results, made available in late spring 2014, will be used to create plans of action. One division that has utilized ImproveND particularly well is Auxiliary Operations, which created action plans following both the 2009 and 2011 surveys.

David Harr, associate vice president for Auxiliary Operations, says, "Our latest action plan, based on the analysis of the survey data, was intended to strengthen our focus on the customer's experience."

For example, ImproveND respondents made a number of comments regarding Subway's national "\$5 foot-long" promotion.

"We subsequently charged our campus operations to 'be the franchisee' by offering the same discounts or value meals found off-campus," said Harr.

St. Michael's Laundry, Hammes Bookstore and several other of the 10 Auxiliary Operations units have responded with similar programs and promotions based on ImproveND feedback.

Faculty and staff received invitations to take the survey from Executive Vice President John Affleck-Graves Monday, Nov. 4. For employees with no access to a computer or the Internet, paper copies of the survey will be made available through unit managers. The survey window will close at midnight on Friday, Nov. 22.

Any additional questions regarding ImproveND should be directed to Tatiana Combs (1-3549 or tcombs@nd.edu) or Andrew Sama (1-5206 or asama@nd.edu) in the Office of Strategic Planning and Institutional Research.

Arts and Letters professors win Fulbright awards

BY BEN HORVATH, ARTS AND LETTERS



Schmitz

Two professors in the College of Arts and Letters—medievalist Tim Machan and political scientist Benjamin Radcliff—recently received grants from the Fulbright U.S. Scholar Program, which will allow them to travel to Europe to study their respective topics of interest.

While folk tales such as "Beowulf," timeless poetry like Chaucer's "Canterbury Tales" or J.R.R. Tolkien's epic fantasy "The Lord of the Rings" are familiar examples of English literature, most readers are not aware of their surprising connection with Scandinavian cultures, Machan said.

Through the Fulbright Program, he will travel to Oslo, Norway, to explore the roots of these English classics during the spring 2014 semester.

The scientific study of happiness has established itself as one of the most intellectually exciting—to say nothing of publically popular—research programs in the social sciences, said Radcliff, a professor in the Department of Political Science.

In March, Radcliff published a book on a similar topic, titled "The Political Economy of Human Happiness: How Voters' Choices Determine the Quality of Life."

In his current research, Radcliff is examining market regulation policies and comparing the New Deal policy associated with President Franklin D. Roosevelt, which endorses active economic regulation and social insurance programs, with the position of the Tea Party, which argues that the "spontaneous order" of the market system is harmed by social security programs, regulation and labor unions. He plans to study which of these policies creates happier individuals within society.

From 1981 to 1987, Schmitz served as McCloskey Dean of Notre Dame's College of Engineering before being appointed vice president and associate provost. He continued as Keating-Crawford Professor Emeritus from 2005 until his death.

Current and past NDWorks issues are available as downloadable PDFs at today.nd.edu under the NDWorks archive tab.



Machan



Radcliff

Stroik commissioned for Joyce memorial

Duncan Stroik, professor of architecture, has been commissioned to design a memorial for Rev. Edmund P. Joyce, C.S.C., in Spartanburg, S.C. Father Joyce, who served as executive vice president under President Rev. Theodore M. Hesburgh, C.S.C., was the first person from South Carolina to study at Notre Dame. The memorial to Joyce will be a freestanding bell tower adjacent to the new church of St. Paul the Apostle, also designed by Stroik. Father Hesburgh has agreed to serve as honorary chairman of the Joyce Memorial Foundation along with Lou Holtz, Gerry Faust, Ara Parseghian and Digger Phelps, all who coached under Father Joyce.



Stroik

Indiana Clinical and Translational Sciences Institute receives \$30 million grant renewal

Funds to accelerate research discoveries

BY WILLIAM G. GILROY, PUBLIC RELATIONS

The Indiana Clinical and Translational Sciences Institute, which includes the University as a member, has received a nearly \$30 million grant from the National Institutes of Health (NIH) to continue its mission of accelerating research discoveries across Indiana and beyond.

The Indiana Clinical and Translational Sciences Institute is a partnership among Indiana University, Purdue University and Notre Dame to facilitate the translation of scientific discoveries in the lab into new patent treatments.

The Clinical and Translational Sciences Award from the NIH's National Center for Advancing Translational Sciences renews the



grant that established the Indiana CTSI five years ago, guaranteeing the institution will advance innovative health care programs and biomedical research into at least 2018.

The IU School of Medicine received the first \$25 million NIH award to establish the Indiana CTSI in 2008, plus about \$25 million in matching grants from IU and Purdue, the state of Indiana and public-private partners such as Eli Lilly and Co. Additional support arrived a year later when Notre Dame joined the partnership.

"The University of Notre Dame is pleased to be part of the Indiana Clinical and Translational Sciences Institute," Robert Bernhard, vice president for research, says. "Our faculty and students benefit from having access to the infrastructure created by this grant to give us a bridge for our science and engineering discoveries to find their way to patients in need."

Notre Dame researchers look at benefits of flu vaccines in the elderly



week. While annual flu vaccines are recommended for the older population in the United States, Canada and many other developed countries, debate remains on the effectiveness of the vaccines for this older at-risk group.

The study estimated vaccine effectiveness for prevention of serious influenza complications among older people by using methods to account for underlying differences in risk for these complications.

In their central findings of the research, the authors said, "By combining health data with climate data and developing novel statistical analyses, we found that vaccination was 19 percent effective at preventing pneumonia- or influenza-related hospitalizations and 25 percent effective at preventing death occurring subsequent to a pneumonia- or influenza-related hospitalization."

The results indicate that, over a long time period, the influenza vaccine has performed worse than expected in elderly individuals, thus proving the need for improvements in influenza vaccine development.

Annually, influenza kills approximately 25,000 people in the United States, according to the Centers for Disease Control and Prevention. Likewise, the World Health Organization estimates that nearly 500,000 deaths per year occur globally due to influenza.

Ridenhour specializes in the evolution and ecology of infectious diseases. His research focuses on understanding their spatial and temporal dynamics with particular interest in understanding disease transmission to reduce global burden.

Von Eschenbach appointed interim academic director

J. Nicholas Entrikin, vice president and associate provost for internationalization, has announced the appointment of Warren von Eschenbach as the interim academic director for Notre Dame's Global Gateway in Rome, Italy.

Anchored by the recently completed Rome Center at Via Ostilia 15, this Global Gateway will serve as the focal point for the University's academic and cultural endeavors in Rome and, in conjunction with Notre Dame's Global Gateways in London and Dublin, throughout Europe.

As interim academic director, von Eschenbach will collaborate with the School of Architecture administration in Rome to ensure the smooth transition of the renowned Rome Program into the new facility. In this role, he will also support the development of new undergraduate and graduate programming, facilitate faculty-led academic conferences and events, and foster relationships with academic, cultural and Catholic institutions in Rome.



von Eschenbach

Notre Dame OIT staffer surprises wife

Returns early from deployment to Bahrain

BY AMANDA GRAY, SOUTH BEND TRIBUNE

Kris Geissler-Wright thought it was just another day—and definitely not the day that her husband, Navy Chief Petty Officer Aaron Wright, would return from deployment in Bahrain.

Aren't surprises great? Wright surprised his wife the morning of Thursday, Oct. 24, at Memorial Hospital, where she works as a nurse in the Surgical Services department. He later went on to surprise his children, 15-year-old Ryne and 12-year-old Claire, at their schools in Lakeville.

Geissler-Wright impressed all well-wishers present with what could have been a record-setting 20-yard dash when she spotted her husband. Tears were shed, hugs were given and laughter echoed.

Wright, deployed in February, was supposed to arrive home Nov. 29 but found out in August that he would be back early. Family friend Dan



Kris Geissler-Wright greets her husband, OIT staffer Aaron Wright, who surprised her by showing up at Memorial Hospital where she works after a deployment to Bahrain.

Parmelee, along with Kris' supervisor Cindi Schwartz and other hospital staff, helped orchestrate the surprise. "Relief, excitement, and it's been too long," were the first thoughts Wright had upon seeing his wife, he said.

"It's about time!" said Geissler-Wright. "I'm so thankful that he's home safe, and also for my good family I have here, keeping me safe while he was gone."

Wright took time to thank everyone. "I just want to thank everyone who set this up," Wright said, all smiles. "I just cant thank you enough for all the help you gave my wife while I was away."

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- July 25
- Aug. 22
- Sept. 19
- Oct. 17
- Nov. 14
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- Jan. 9
- Feb. 13
- March 20
- April 17
- May 22

Copy deadline is 10 business days prior to the above 2013-2014 publication dates.

CONTACT US @

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MS in Patent Law offers employee development opportunities



Postdoctoral student Ke Min has used her employee tuition benefit to take classes in the Patent Law program.

BY STEPHANIE HEALEY,
COLLEGE OF SCIENCE

Ke Min initially came to Notre Dame in 2011 as a postdoctoral researcher in the Department of Chemistry and Biochemistry. Although she is passionate about chemistry and has more than 10 years of experience as a chemist, she wanted to explore other career opportunities and discovered the Master of Science in Patent Law (MSPL) program to be a great fit.

"This program has been an excellent opportunity for me. I don't need to completely abandon my chemistry background, but have the ability to switch my focus to a totally different angle," Min says. "I had four patent applications throughout my Ph.D. research, but could never figure out how the attorneys wrote them out. I was certainly interested

in getting to know more about the patent law field."

The MSPLs classes are open to any Notre Dame employee with a science or engineering background, and can be paid for with the University's Employee Educational Benefits. Min is primarily focused on work and research for her MSPL capstone project, writing a patent application for a Notre Dame researcher, while balancing her current University position as an editorial assistant in the Department of Chemical and Biomolecular Engineering. "I definitely had to spend a lot more time after work on my reading and writing assignments. I would say it was an intense period and I've had some struggles, but it is definitely worth it."

Min has enjoyed her experience in the MSPL so far. "The best part is reading and analyzing patents," she

says. "This is a magic world. I think it is a luxury to enjoy the intellectual accomplishments without sweating the difficult problems."

Uncertain of the next step in her career, Min is confident that her exposure to patent law will have a major effect on her future. "Although I may still pursue a career as a chemist, with my education on intellectual property prosecution, I believe I have a wider career path and a greater potential in my career development."

The program welcomes enrollment by employee-students with any scientific or engineering background. To learn more about the program, visit the Master of Science in Patent Law program website, patentlaw.nd.edu, or contact the program's director, **Karen Deak**, kdeak@nd.edu.

Cushwa Center examines impact of Vatican II

How did the document change Catholic lives?

BY GENE STOWE,
FOR NDWORKS

Commemorating the 50th anniversary of the Second Vatican Council, the Cushwa Center for the Study of American Catholicism has organized an international multiyear examination of the council's impact around the world.

The center recruited 15 scholars to do research on individual dioceses—five in the United States and 10 in other countries—and write essays on their findings. Notre Dame will host a conference of those scholars and others in the spring, and a book will be published the following year, 50 years after the closing of the council.

"The anniversary is obviously timely, but the idea is that we ought to be studying Catholicism in a global way," says **Tim Matovina**, executive director for the Institute for Latino Studies who was director of the Cushwa Center when he developed the idea with **Kathleen Cummings**, the present director, and a colleague from Northwestern University, Bob Orsi.

"Everybody is talking today about global history. A lot of times those global studies don't look at the most longstanding global institution, religious or otherwise, which happens to be the Roman Catholic Church. It has long been a global institutional entity. When there's an ecumenical council like Vatican II, it's by definition a global event. This is the world's largest global institution, meeting for the first time with representatives from all the continents, to confront the challenges and opportunities of modernity."

While other studies of the Council have focused on its universal decrees and often-polarized interpretations, "The Lived History of Vatican II" examines local reactions and issues. "People were talking about Vatican

II along a traditional-progressive mentality," Cummings says. "We knew very little as historians about what actually happened. These documents were intended to be universal but they were implemented in very particular contexts."

For example, in San Francisco, the teachings intersected the gay rights movement and called attention to questions of sexuality and priestly celibacy. In Detroit and Atlanta, in different ways, they intersected the civil rights movement.

In one diocese in India, switching the Mass language from Latin to the vernacular triggered a local debate over which vernacular—that spoken by most of the priests, or that spoken by most of the people.

"It's a completely different story than we're used to hearing in the United States or the West," Matovina says. "As soon as you dropped the Latin, the pressure-cooker language dialect jealousies that had been cooking under the surface erupted again."

The conference on April 24-26 will include the 15 researchers plus some other invited scholars, broadening the perspective to include Ireland and Eastern Europe, among others. The project received a three-year, \$100,000 Faculty Research Support Regular Grant to help with expenses.

"There are a lot of debates about the documents and what the documents mean," Matovina says. "Vatican II also had consequences on the ground, both intended and unintended. One has to study, if you will, the afterlife of an actual promulgation of a document and how it impacted Catholic lives."

"We wanted to look at, close to the ground, what actually happened in dioceses from all the continents. Our intention is not to finish this subject matter but to launch a new body of research that will go beyond the bounds of our own project."

Reintroducing the Science Café

Getting the community excited about science

BY GENE STOWE, FOR NDWORKS

A reinvented South Bend Science Café, sparked by **Jessica Baron**, outreach and communications coordinator for the Reilly Center for Science, Technology, and Values, drew nearly 100 people to its inaugural event in September. The café is held downtown on the second Tuesday of each month.

Baron, who had heard of community engagement through fun-filled science cafés when she attended an American Association for the Advancement of Science meeting in Boston, mentioned the idea during her IgniteMichiana talk in March. Her five-minute presentation focused on the Reilly Center's Annual List of Emerging Ethical Dilemmas and Policy Issues in Science and Technology.

"I wanted to get people excited about emerging technologies and I wanted to encourage them to think about and talk about science more,"

she says. "The goal was to get people to realize that you don't have to be an expert to be interested in science and to let them know that there are some issues out there—legal, ethical, moral, etc.—that deserve their attention and discussion. The example I gave them as a way to do this was the science café."

Within four hours, more than three dozen people had contacted her to urge the establishment of a science café. More than a dozen volunteered to be part of an organizing committee. The **Global Linkages of Biology, the Environment, and Society (GLOBES)** program, now part of the Reilly Center, operated a similar café downtown several years ago.

The reinvented café, organized with a 15-minute talk, questions and extensive socializing, opened Sept. 9 at the Chicory Café. Amateur astronomer Chuck Bueter of Granger described plans for celebrating the upcoming approach of Comet ISON, which will pass close to the sun on Thanksgiving Day and is anticipated to be visible for several



Chuck Bueter, organizer of the 2013 Comet Festival, speaks at the first Science Café in September.

days. "Science is a community endeavor, and this is an example," says Bueter, who has also organized a local 2013 Comet Festival.

After the event, Baron was invited to give the opening address at the

local American Association of University Women's launch event this year to talk about science, technology, engineering and mathematics (STEM), gender and the Science Café.

At the October event at

the Chicory Café, **Marya Lieberman**, an associate professor of chemistry and biochemistry and a Reilly Fellow, presented "Finding fake drugs: Bringing chemistry out of the lab and into the world."

Baron says community involvement, including the Chicory Café's hospitality, loans of sound equipment, and volunteer organization and promotion, energized the café. The Reilly Center provided comet cookies and materials to make comet models—foam balls and pipe cleaners.

"I really think the café was successful because we had so many passionate, young members of the community helping plan it from the beginning," she says. "South Bend wants to see this be successful, so I'm doing everything I can to make sure it is."

For more information, visit southbendsciencecafe.com.

OFFICE OF RESEARCH

Faculty Research Support Program opportunities coming up

Grant size enables multinational projects

BY GENE STOWE, FOR NDWORKS

The **Office of the Vice President for Research Internal Grants Program**, established in 2007, opens four competitions for University research support including the Faculty Research Support Program (FRSP) that is currently underway.

The deadline for this year's Faculty Research Support Initiation Grants and Faculty Support Regular Grants was Oct. 28. In December, two additional opportunities will be announced: the Library Acquisition Grants Program and the Equipment Restoration and Renewal Program, both with a submission deadline of Feb. 3.

Vice President for Research **Bob Bernhard** divided a former program into the library and equipment programs when he arrived. He maintained the Faculty Research Support Initiation Grant Program and created the Faculty Research Support Regular Grant Program to fill a gap in research funding for creative scholarly activities not suitable for external funding. The Office of the Vice President for Research Internal Grants Program has awarded \$7.4 million since 2007, including 20 awards worth \$1.4 million last year.

"It opened up the horizons," Bernhard says. "This new size of grant enabled support for projects that included multinational studies, whereas before they wouldn't have had the resources to do things in other countries. We've seen situations where people might have worked on these projects by themselves and with FRSP support can now hire research assistants, either undergraduate or



Bernhard

grad research assistants, and help them explore things they wouldn't have been able to research otherwise."

For example, **Tim Matovina**, who helped develop an international research project during the 50th anniversary of the Second Vatican Council, says the FRSP Regular Grant Program was critical to the initiative that recruited 15 scholars to study the council's effects in different dioceses.

"We never could have done it without that funding," he says. "It's not the kind of project that would have gotten outside funding." **Justyna Powell**, who received an FRSP Initiation Grant to visit scholars for her project, "Islamic Law and States' Foreign Policy Behavior," is now applying for a FRSP Regular Grant to further the research, which will lead to a book.

"This grant gave me money to travel domestically to meet other scholars in the United States," she says. "Those people put me in touch with scholars that I was able to visit abroad. The grant was amazing. It was very generous, and the people in the Office of the Vice President for Research were very flexible to meet my needs."

Although the grants awarded often focus on projects within the

humanities and arts, they are open to faculty researchers in all colleges and departments across the campus.

"In the past we have funded work for science and engineering that would not line up with their funded research but would be great pieces of work to come from Notre Dame," Bernhard says, such as an engineering study of how acoustics in worship spaces relates to worship practices. "I want to leave it open to engineers and scientists who might want to do this kind of work that would not typically be funded by external agencies."

A review of internal programs last year revealed that the opportunity was "insufficiently recognized across the campus," says **Hildegund Muller**, a Classics professor who wasn't aware of the program at first and now spends part of her time as an associate vice president for research to promote it.

"The ideal project is meant to produce a finished product that reflects on the high quality of research and scholarship at Notre Dame," she says. "This is really very important for our profile as a well-rounded university. We don't just fund scholarship but creative arts as well."

Applying for the grants is not as complicated or paperwork-intensive as applying for most external grants, Muller says.

"It's relatively unbureaucratic," she says. "It works very much on a personal basis. We are available to advise people properly. The conditions for it in my view are not terribly restrictive. Those two programs sizes—\$10,000 for the FRSP Initiation Grant and \$100,000 for the FRSP Regular Grant—fit relatively nicely into the types of projects faculty are pursuing. People should just apply."

Technology Transfer provides researchers with new tools

BY SALLY BURNS,
OFFICE OF RESEARCH

The **Office of Technology Transfer (OTT)**, in support of invention commercialization, has developed new tools for University researchers. The goal, says **Liz Rulli**, associate vice president for research, "is to get the outcomes of Notre Dame's research to the marketplace, so the University can be a force for good in the world."

When University research results in an invention, the department's role is to determine if—and when—the invention should be protected through patenting. When appropriate, OTT works with attorneys to patent the technology and negotiate with companies licensing the technology. This process is known as commercialization or "technology transfer," and makes Notre Dame's research results available for use by those outside the University.

One recent example of the process is a new mobile application for concussion detection.

The technology, called **Conctect**, was invented by computer science and engineering professors **Patrick Flynn** and **Christian Poellabauer** and CSE graduate student **Nikhil Yadav**. The software is used on devices such as smartphones.

Attorneys have protected the invention through patent applications, and the technology has been licensed to a start-up company, **Conctect Inc.** The company is currently assisting with field trials involving middle- and high-school football players. After the program is fine-tuned, **Conctect Inc.** will handle manufacture and sales. Eventually, sports teams at every level could use the program.

OTT On-Demand

Another tool OTT created is the department's e-learning portal, **OTT On-Demand**. OTT On-Demand clarifies how the patenting and licensing process works, and what is required by law and by funding agencies. It offers the information in videos, audios, lists and graphics.

Researcher **Mark Suckow**, assistant vice president for research-strategic initiatives, said he most appreciates that the site is user-friendly, making the material easily accessible.

"The Office of Technology Transfer's e-learning portal is an easily navigated, one-stop information source for investigators who are confident—or even suspect—that they have an idea that might be commercially useful," Suckow says.

Technology Evaluation Timeline

OTT also recently introduced the **Technology Evaluation Timeline**. The timeline starts when an

invention is reported to OTT, and covers the first year of activity.

Says **Dick Cox**, director of technology transfer, "This is in response to what researchers told us they want. It isn't so much a change in practice as it is a way to communicate what we have been doing, but with the greater commitment that comes with improved communication."

The timeline, also available on OTT's website, shows how and when an invention is evaluated for potential patentability and commercial success. An invention is categorized as active, still in development or closed. While an invention continues to be active, discussions between OTT and the inventor continue through the process of finding potential licensees. After successful commercialization, which can take longer than a year, licensing royalties are divided between the University and the researcher.

A committee of representatives from the Office of Vice President for Research, Office of General Counsel, Office of Technology Transfer and Innovation Park met regularly over the past year to talk with faculty and find out how OTT can further meet their needs. Their responses were the catalyst for these two tools.

Additional plans and programs, Cox says, are being developed to improve technology transfer services.

OTT TEAM

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REMEMBERING JFK



This year the world marks the 50th anniversary of the assassination of John F. Kennedy, 35th President of the United States, on Nov. 22, 1963. President and Mrs. Kennedy are seen here in their Dallas motorcade, moments before Lee Harvey Oswald fired three shots from the window of the Texas School Book Depository at 12:30 p.m. CST. In front of them are Texas governor John Connally, who was seriously wounded but survived, and wife Idanell Brill "Nellie" Connally.

OIT NEWS

Adobe Acrobat Pro and Creative Cloud now available



The Adobe Creative Cloud Suite includes:

- Acrobat Pro
- After Effects
- Audition
- Dreamweaver
- Edge (all tools)
- Encore
- Fireworks
- Flash Builder Premium
- Flash Professional
- Illustrator
- InCopy
- InDesign
- Lightroom
- Muse
- Photoshop Extended
- Prelude
- Premiere Pro
- SpeedGrade

BY LENETTE VOTAVA, OIT

Adobe Acrobat Pro and Creative Cloud are now available to faculty and staff for both institutional and personal use. This is a result of the new Enterprise Term License Agreement signed by Adobe and Notre Dame earlier this year.

a subscription, you can submit a subscription request through the Creative Cloud entry on the OIT Software Downloads page located at oit.nd.edu. Your CWP Administrator will review the request. Once approved, IT support staff will schedule the installation.

Personal Use

For personally owned computers only, you can purchase an Adobe Creative Cloud subscription for an annual cost of \$9.75—a significant discount off the standard retail price (currently \$239.88). This subscription can be installed on up to two personally owned computers, and can be used only for work for Notre Dame or for personal, non-commercial purposes.

Faculty and staff members interested in ordering the Adobe Creative Cloud subscription for personal use can go to nd.onthehub.com.

The Adobe Creative Cloud file formats will be compatible with the Adobe Creative Suite CS6 file formats for at least five years. To install the software, you must have at least 30GB of free space on your computer's hard drive. The download and installation process may take more than an hour, so be sure to allow enough time to complete the process.

If you have any questions, please contact your departmental IT support staff, or the OIT Help Desk at 631-8111, oithelp@nd.edu, or chat at help.nd.edu.

Institutional Use

For University-owned computers, Notre Dame now has a site license for Acrobat Pro. The site license installer—which no longer requires access to the campus network or the KeyServer—is now available on the OIT Software Downloads page located at oit.nd.edu.

The license agreement for the Creative Cloud Suite includes a limited number of licenses. Administrators have identified individuals within their own campus units who require a Creative Cloud subscription based on their job responsibilities. If you did not receive

Shop safely online during the holidays

BY LENETTE VOTAVA, OIT

If you prefer to do holiday shopping comfortably settled in front of your computer away from the hustle and bustle of crowded stores, there are some things you need to be aware of when shopping online. According to Stay Safe Online, here are some valuable shopping tips:

- **Keep a clean machine:** All the devices you use for shopping—including smartphones and tablets—should have up-to-date software including security software, operating systems, programs and apps.
- **When in doubt, throw it out:** Links in email, tweets, posts and online advertising are often the way cybercriminals compromise your computer. If it looks suspicious, even if you know the source, it's best to delete or, if appropriate, mark as junk email.
- **Think before you act:** Be wary of communications that offer amazing deals that sound too good to be true, implore you to act immediately—including those about a problem with an order or payment—or ask you to visit the website via a provided link.
- **Get savvy about Wi-Fi hotspots:** Don't share personal or financial information over an unsecured network (a connection that doesn't require a password for access). Using the direct Web access on your phone (via a 3G/4G connection) is safer than an unsecured wireless network when on your mobile device.
- **Use safe payment options:** Credit cards are generally the safest option because they allow buyers to seek a credit from the issuer if the product isn't delivered or isn't what was ordered. Credit cards may have a limit on the monetary amount you will be responsible for paying. Never send cash through the mail or use a money-wiring service.
- **Keep a paper trail:** Save records of your online transactions, including the product description, price, online receipt, terms of the sale and copies of email exchanges with the seller. Read your credit card statements as soon as you get them to make sure there aren't any unauthorized charges. If there is a discrepancy, call your bank and report it immediately.
- **Protect your personal information:** Be alert to the kinds of information being collected to complete the transaction. Make sure the only information requested is necessary to complete the transaction. Fill in required fields on checkout forms. Check the website's privacy policy. Make sure you understand how your information will be stored and used.



For additional online safety tips, go to staysafeonline.org.

Savingforcollege.nd.edu launched

Following Saving for College Week activities in September, savingforcollege.nd.edu was launched to provide additional information on preparing financially for a child's future education. The site contains information about selecting, opening and funding a 529 plan. It also features details about various college savings plans, including the Private College 529 Plan that the University participates in and the Indiana 529 Plan, along with additional resources and a listing of upcoming Saving for College events.

The staff of the Compton Family Ice Arena is making a huge difference in the lives of local children. This past year, they piloted a program called "Experience the Ice." This program was designed to promote physical fitness, nutrition and healthy living for Michiana schoolchildren.



Using the new Compton Family Ice Arena to attract and motivate children, the team provided instruction on ice skating while integrating lessons found in the Indiana State Education standards for gym and health. Eight events were organized in 2013, enabling more than 300 local children to participate. The schools that participated in the program were Queen of Peace School, Christ the King School, St. Thomas the Apostle School, Perley Fine Arts Primary Center, Good Shepherd Montessori School, and Jackson Intermediate Center.

The program has been so successful that the team is now working to integrate student-athletes from Notre Dame's hockey program in 2014. With collegiate athletes to motivate students, the team hopes to broaden the impact of the program on the children by increasing physical activity, promoting healthy eating and encouraging them to make healthy lifestyle choices.

Compton Family Ice Arena Programming and Instruction Team members are:

- Tom Nevala
- Molly Mahoney
- Mike McNeill
- Jeanne Checkley
- Kevin Deeth



The General Services team at the University of Notre Dame is a group of extremely hardworking and dedicated employees that make it their mission to keep the University functioning smoothly. They are a group working mostly behind the scenes. However, without them, many of the events on campus could not happen.



In the 2013 fiscal year, General Services completed 4,569 work orders across campus. This included setting up various events across campus, moving entire departments to new locations and delivering diplomas, along with a multitude of other items, for a seamless commencement ceremony.

Each and every day, members of this group demonstrate the core values of the University through their dedication, teamwork and their willingness to go the extra mile to get the job done. You may not always see them, but all of campus benefits from their hard work and exceptional service.



The General Services team members are:

- Dustin Saunders
- Jim Sholty
- Shawn Thomas
- Troy Tucker
- Andy Jones
- Chris Runyon
- Bob Wright
- Don Mester
- Ed Schrupp
- Harold Johnson
- Kathy Gallay
- Andrew Gentry
- George Schramm

SUSTAINABILITY

LED technology lights up Purcell Arena

Energy consumption reduced by 73 percent

BY RACHEL NOVICK, SUSTAINABILITY

The recently completed installation of state-of-the-art LED lighting in Purcell Pavilion at the Joyce Center has reduced energy consumption by 73 percent while improving light levels and lighting controllability. In addition to saving approximately 469,000 kilowatt hours annually (equivalent to taking 63 passenger cars off the road), the long life span of LED bulbs will virtually eliminate maintenance costs.

"The new system provides very consistent light levels across the arena and excellent color rendition," says Tom Blicher, general manager of the Joyce Center. "The basketball coaches are thrilled with the new lighting. Mike Brey said he could even wear his sunglasses to the game because it's so bright."

The new LED lights were installed by Musco Lighting. "The 11,552 LEDs we installed in the Joyce arena were the ideal choice for this space," says Jeff Rogers, vice president of developmental sales at Musco. "Dimming controls and instant on/off allow for greater ease of use, and at the same time these high-efficiency lights are anticipated to save the University approximately \$350,000 in energy and maintenance costs over the next decade."

The new system improves the game experience for players and fans, and surpasses light level requirements for NCAA broadcast requirements. "Photographers and videographers need more than just a large quantity of light, we need a good quality of light," says Matt Cashore, senior university photographer. "The old lights in the Purcell Pavilion arena gave off a color cast that was tricky to work with. The new LED lights give a much more pleasing and consistent color. It's much easier to make properly color-balanced images now."

Musco previously installed LED lighting for the Hesburgh Library "Word of Life" mural, as well as other types of lighting for various athletic facilities on campus. Musco has also provided LED lighting systems for the Statue of Liberty and the newly opened east span of the Bay Bridge in San Francisco.

The LED installation at the Joyce Center is part of Notre Dame's ongoing Energy Conservation Measures program. Over the last five years, the University has invested more than \$10 million in building retrofits to conserve energy. These retrofits are currently saving more than \$2 million in utility costs annually.



Poinsettia Sale to benefit Relay for Life

The University Relations Walking on Sunshine Relay for Life team is sponsoring a poinsettia sale fundraiser. A variety of sizes and colors are available. Order online at relay.nd.edu now through Friday, Nov. 22. Prepayment is required, and FOAPAL numbers can be used to pay for department orders.

Delivery and Pick Up*

Red poinsettias will be delivered on Wednesday, Dec. 4. Pick up at Grace Hall, fifth floor, 405 Main Building, Eck Visitors Center, Alumni Office, Eddy Street Commons, third floor lobby.

Poinsettia Sale contacts:

- Main Building: Roberta White 631-8696
- Grace Hall: Giovanna Heeter 631-3352
- Eddy Street Commons: Natella M. Von Furstenracht 631-6369
- Eck Visitors Center: Lori Willard 631-2681

Sizes and Prices

- 4.5" Desk-size plant \$5
- 6.5" Single plant \$10
- 8" Triple plant \$17
- 10" Quadruple plant \$20

*Only red poinsettias will be delivered. Those who would like to select a poinsettia personally or choose another color will receive a Varner's voucher from the building contact upon payment.



HEALTH & SAFETY

Flu season—it's back!



CAROL C. BRADLEY, NDWORKS

Flu season is here once again. The contagious respiratory illness spreads from person to person and causes mild to severe illness and sometimes death.

Flu season in the United States occurs in fall and winter, typically peaking in January or February, but cases can occur as early as October and as late as May. Between five percent and 20 percent of U.S. residents catch the flu annually, and an average of 23,000 per year die of the disease.

Common complications include bacterial pneumonia, ear or sinus infections, dehydration and worsening of chronic health conditions such as asthma, cancer, diabetes and heart disease.

For more information, visit flu.gov.

What are symptoms of the flu?

- Fever of 100 degrees or higher or feeling feverish (not everyone with flu has a fever)
- Cough and/or sore throat
- Runny or stuffy nose
- Headache and/or body aches
- Chills
- Fatigue
- Nausea, vomiting and/or diarrhea (more common in children)

What's the best way to avoid getting the flu?

Getting a flu shot as soon as the vaccine is available is the best protection from flu. The vaccine is recommended for everyone 6 months and older. Those most at risk are those 65 and older, children (especially those younger than 2) and people with chronic health conditions. Flu shots are still available at the **Notre Dame Wellness Center**, 634-9355.

Are there medications that prevent flu?

People who are healthy but exposed to a person with flu may be prescribed antiviral drugs. The drugs are 70 percent to 90 percent effective at preventing flu, but must be taken as soon as possible after exposure.

Preventing the spread of germs at work, school and home

but return with fever and worse cough
Protect yourself from flu and other illnesses by taking these steps:

- Wash your hands often, with soap and water or an alcohol-based hand sanitizer.
- Don't touch your eyes, nose or mouth—you can transmit flu, cold viruses and other illnesses to yourself.
- Cover your nose and mouth with a tissue when you cough or sneeze. Throw the tissue in the trash after you use it and wash your hands.
- Avoid close contact with sick people.
- Practice good health habits: Get plenty of sleep and exercise, manage stress, drink fluids and eat healthy foods.
- If you are sick with flu-like illness, stay home for at least 24 hours after your fever is gone (without the use of fever-reducing medicine).

- After changing diapers or cleaning up a child who has used the toilet
- After blowing your nose, coughing or sneezing
- After touching an animal or animal waste
- After handling pet food or pet treats
- After touching garbage

How should you wash your hands? It's more than a quick pass under the faucet

- Wet your hands with clean running water and apply soap.
- Rub your hands together to make lather. Be sure to scrub the backs of your hands, between your fingers and under your nails.
- Continue rubbing for at least 20 seconds.
- Rinse hands well under running water.
- Dry your hands using a clean towel.

If you don't have soap and running water available, use hand sanitizer, making sure to rub the product over all surfaces of your hands and fingers. Hand sanitizer is not as effective when hands are visibly dirty, and does not eliminate all types of germs.

For more information on good health habits for preventing flu, visit cdc.gov/flu/protect/habits.

From the Centers for Disease Control:

Clean hands save lives. When should you wash your hands?

- Before, during and after preparing food
- Before eating food
- Before and after caring for someone who is sick
- Before and after treating a cut or wound
- After using the toilet

ENTRY FORM

CONTEST ENTER TO WIN!

Help us by answering a few questions and you could be our November NDWorks/Morris Inn prizewinner. You could win an overnight stay for two at the Morris Inn in a traditional room, with complimentary valet parking!

Contribute a story idea for NDWorks

1. Tell us about someone who does an outstanding job, or thinks they have the best job on campus:
2. Do you have a colleague who devotes time to a special charitable cause or volunteers for other activity outside work?
3. Is there someone in leadership at the University whose story and career path, you'd like to hear more about?
4. Are there other interesting stories out there we haven't covered, or some area or person on campus you're curious about?
5. Let us know if you have any other ideas for stories you'd like to read about in NDWorks:

Thanks for your help!

Clip and return your entry form to Morris Inn/NDWorks Contest, 500 Grace Hall via campus mail by Tuesday, Dec. 3. One entry per person. Winners will be randomly selected. The contest is open to full-time, regular faculty and staff.

Name: _____
Campus phone: _____
Email: _____

Congratulations to **Bill McKenney, Office of Housing,** winner of our October contest prize, breakfast for two at Sorin's in the Morris Inn.

MAKING A DIFFERENCE

The 'mayor' of Notre Dame

A familiar face on campus for 15 years

BY GENE STOWE, FOR NDWORKS

Chris Paladino, who started working at Ave Maria Press after he graduated from Clay High School 15 years ago, has risen to the position of "mayor" of Notre Dame.

The title was granted by **Bill Purcell** at the Center for Social Concerns, where Paladino is an office assistant; confirmed by **President Rev. John I. Jenkins, C.S.C.**; and reaffirmed annually when Paladino defeats **Marty Ogren**, associate director of warehouse, delivery and transportation, in a staged election.

"Bill started calling him the mayor because he greets everybody and he seems to know so many people on campus," says **Jim Paladino**, Chris's father, who is associate director for business operations at the Center for Social Concerns. "He writes everybody little letters. You'll find notes plastered to the door or the wall."

Chris also has a knack for remembering names (he prompts his more forgetful father), a penchant for hugging people he knows, and takes delight in small things, like his first Notre Dame ID card, that inspires others to a new look at life.

"I'm terrible with names," Jim

says. "He'll tell me a person's name. It's a gift that he has. He's always just been pleasant. Somebody asked me if he ever has a bad day, and he doesn't. He's happy all the time. I'm blessed as a father to have that around."

Jim and Mary Jo Paladino, Chris's adoptive parents, refused experts' advice that he should be institutionalized because of an array of physical and neurological problems when he was a baby. They said he would never walk or talk, and he would likely die by age 4.

Instead, the family became champions of inclusion in their native Colorado and, when they moved to Michiana 18 years ago, in Indiana. Chris was in high school during the Clinton administration when he participated in a D.C. rally for extending the Americans with Disabilities Act.

After graduation, he started work as a janitor at Ave Maria Press, but director Frank Cunningham noticed that he preferred office social interaction rather than lonely warehouse sweeping.

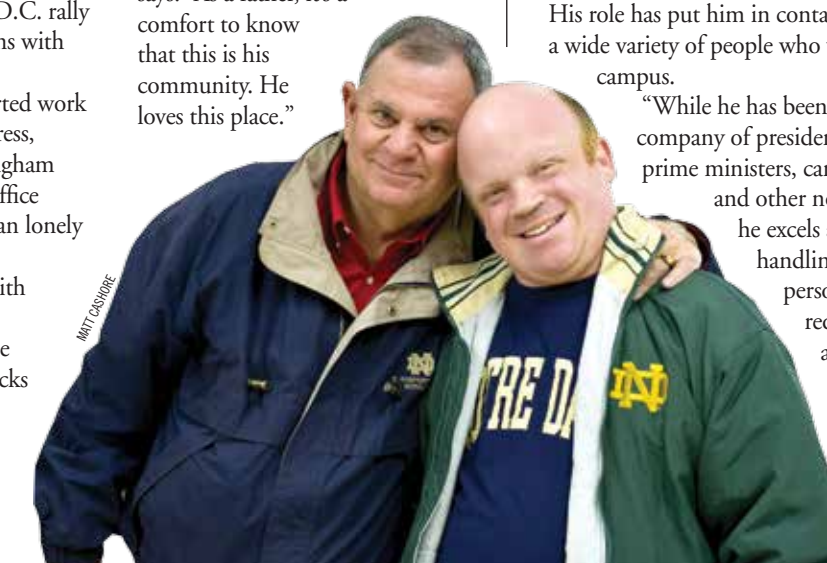
Chris started working with Ogren at a candy shop in Transportation Services. He also helps deliver mail, checks landscaping jobs with **Pat McCauslin**, manager of landscape services, and joins driver **John Scott**

on his beverage vending route in addition to his duties at the Center for Social Concerns.

He won a Notre Dame Spirit award in 2004, and has a field pass with the Indiana State Police during football games. Chris collects photographs of himself with numerous other official mayors, including **Mike McCauslin**, mayor of Niles, Mich., and Notre Dame's assistant director of risk management and safety.

Chris's presence is so familiar that a local UPS driver once recognized his three-wheel bike that had been stolen, took it from the thieves and returned it to him on campus.

"To me, that says people know him and they care for him," Jim says. "As a father, it's a comfort to know that this is his community. He loves this place."



Marty Ogren, left, with Chris Paladino

Ogren recipient of Spirit of Holy Cross award

BY GENE STOWE, FOR NDWORKS

Marty Ogren, associate director of warehouse, delivery and transportation at the Maintenance Center, received one of eight 2013 Spirit of Holy Cross Awards announced in September. The awards recognize the contributions of lay collaborators to the mission of the Congregation of Holy Cross.

Ogren, a South Bend native who started working at Notre Dame in 1976 as a chauffeur for **Rev. Theodore Hesburgh, C.S.C.**, is only the third chauffeur at the University since the program started in 1916. His role has put him in contact with a wide variety of people who visit campus.

"While he has been in the company of presidents, prime ministers, cardinals and other notables, he excels at handling personal requests and is always ready

to help out C.S.C.s, as he does a whole range of people whether faculty, staff, students or visitors to campus," says **Rev. James King, C.S.C.**, the religious superior at Notre Dame. "He is one of the best known and respected people at Notre Dame because he epitomizes the Christian ideal of service to everyone, regardless of rank or station."

Other award recipients include **Donna Lamberti**, controller at the Provincial Business Office, whose husband, Gary Lamberti, is chair of the Department of Biological Sciences, and **Mary Pat Russ**, a physical therapist at Holy Cross House, whose husband, Jim Russ, is a physical therapist in Athletics.

"This year's Spirit of Holy Cross awardees not only support our mission, but more importantly, they have joined us in our mission using their God-given talents in their own vocations," said **Rev. Thomas O'Hara, C.S.C.**, provincial superior of the United States Province of Priests and Brothers.

Students develop virtual internship program

Creating a win-win for students, companies and the University

BY GENE STOWE, FOR NDWORKS

Recruiting undergraduate talent is often difficult. At the same time, many students have trouble finding the right company. Two undergraduate students, though, may have found the solution. Their new student-led program, ProMazo, matches companies with students who work virtually for organizations during the academic year. The program has secured IBM as its first partner, and is developing a project this fall with students from the Colleges of Engineering, Science and Business.

Senior **Brett Hummel**, an applied mathematics major, manages the program, which is a division of the Student International Business Council. He developed it with junior **Max Brown**, director of academic affairs for student government.

Each semester, ProMazo works with partner companies to develop six- or 12-week projects for Notre Dame students and is exploring partnerships with organizations from Fortune 500 businesses to start-ups and nonprofits.

At the end of each engagement, the student and company can decide to continue working together or explore additional projects with other companies and students. This flexibility allows both parties to find the best fit, and once identified,

potentially develop a multiyear relationship between the job candidate and potential employer.

While the program is open to all students, "ProMazo is meant to augment the excellent services Notre Dame already offers," Brown says, "and will assist students from lower-income backgrounds, who must hold a paid semester position, or those who have learning disabilities and have previously encountered obstacles

in their professional development."

ProMazo's virtual, results-oriented approach prepares students for the workplace of the future, while elevating Notre Dame's exposure to companies that do not traditionally attend campus job fairs.

"Notre Dame students are qualified to handle any position, but sometimes they don't get a chance to compete for these jobs," Hummel says. "At the same time, companies,

especially alums from smaller firms, want the high-quality talent Notre Dame produces, but they can't afford to send people out here to recruit. We think with this system you can export Notre Dame's best product: its students, and along with it the Notre Dame brand, creating a win-win-win for companies, students and the University."



Students Max Brown, left, and Brett Hummel have developed a "virtual internship" program.

NEWS BRIEFS

BLACK FRIDAY SALE AT THE CLEARANCE CENTER

Faculty and staff are invited to a special day-after-Thanksgiving event, 9 a.m. to noon, Friday, Nov. 29, at the **Notre Dame Clearance Center**, 1610 N. Ironwood. A Notre Dame ID card is required for entrance.

HOLIDAY SERVICE PROJECTS

Interested in a holiday service project for your office? Contact **Jessica Brookshire** in Public Affairs (631-5829) or brookshire.4@nd.edu for ideas on volunteer opportunities.

WHAT ARE THE FLEXIBLE SPENDING DEADLINES FOR 2013?

If dollars are still available in your health care spending account after Dec. 31, eligible claims will still be reimbursed as long as they have a date of service prior to March 15 of the following year (2-1/2 month grace period). Faculty and staff will have until March 31, 2014, to submit claims that were incurred in 2013 or the grace period. For more information, contact the *askHR* helpline, 631-5900.

2013 HOLIDAY OBSERVANCES

Thanksgiving will be observed Thursday and Friday, Nov. 28 and 29. The Christmas/New Year's holidays will be observed Monday, Dec. 23, through Wednesday, Jan. 1.

ND Expert: ‘No place for hazing’ in sports

BY MICHAEL O. GARVEY, PUBLIC RELATIONS



Power

The Miami Dolphins’ recent suspension of Richie Incognito in the wake of allegations that his bullying of football teammate Jonathan Martin constituted “conduct detrimental to the team” should renew and intensify opposition to hazing throughout the National Football League, according to **F. Clark Power**, professor in the Program of Liberal Studies, concurrent professor in the Department of Psychology and fellow in the Institute for Educational Initiatives.

“There is no place for hazing in athletics at any level from the professional ranks to high schools,” Power says. “Although 44 states now have anti-hazing legislation, hazing is a part of American sports culture. The Dolphins and the NFL need to address the issue in a clear and ethically grounded way. There is simply no justification for Richie Incognito’s alleged mistreatment of Jonathan Martin. Martin has a right to work in an environment in which he is treated with the respect due to any human being. The excuse that hazing is acting ‘in good fun’ or to ‘build camaraderie,’ misses the point. Hazing is wrong no matter how benign the intention of the abuser.

“Hazing has been a part of American culture for over 300 years,” Power says. “While many excuse hazing as a harmless rite of initiation that builds team solidarity, it simply humiliates, degrades, or risks emotional and physical harm, regardless of the person’s willingness to participate. Hazing is the misuse of power and is abusive.”

Power has worked in the area of moral development and culture for the majority of his academic career. Ten years ago, he formed Notre Dame’s Play Like A Champion Educational Series for youth and high school sports. The program is a forum for coaches, athletic administrators and parents to address issues such as bullying and character development within a team.

Football fans on campus for the Notre Dame/Navy game display their pride.



SERVICE ANNIVERSARIES

The University congratulates those employees celebrating significant service anniversaries in **September, October and November:**

40 years

Donald E. Anglin, Golf Course Operations
Gary G. Kovach, Food Services South Dining Hall

35 years

Donna Adams, Development, Information Services
Sandra J. Hairston, Custodial Services

30 years

Jacqueline Dillard, Food Services South Dining Hall
Jeanne M. Jourdan, Dean’s Office, Law School
Alan D. Krieger, Hesburgh Libraries
Kevin A. Sanders, Food Service Support Facility, Warehouse
Irvin F. Sikorski, Security
Charles J. Simicinski, Vending

25 years

Ross W. Ferguson, Charlotte Ford and **Linda A. Sharp**, Hesburgh Libraries
Connie J. Gordon, Indiana University School of Medicine—South Bend
Kim L. Haughee, St. Michael’s Laundry
Deborah K. Osborn, Custodial Services
Ronald G. Spitals, Landscape Services

20 years

Tracy A. Biggs, Provost Office
Michelle G. Birkla, EIS Application Services
Sondra L. Champ, Cafè Commons

Jeanne M. Checkley, Compton Family Ice Arena Administrator
Lynn W. Harris, St. Michael’s Laundry
Coleen J. Hoover, Creative Writing Program
Jonette Minton, Cheerleaders
Tuan C. Nguyen and David J. Teske, Food Services North Dining Hall
Karen A. Sauer, University Health Services

15 years

David P. Appleton, FS Religious, Corby
Maria S. Araos, Radiation Laboratory
Mollie J. Dash, Civil Engineering and Geological Sciences
Elizabeth A. Dube and Diane K. Orlowski, Hesburgh Libraries
Cynthia A. DuBree, Dean’s Office, School of Architecture
Jennifer S. Finneran and Thao T. Le, Custodial Services
Theresa M. Hall, Office of Research
Bruce A. Harris, Management
Marlene Hernandez, Food Services North Dining Hall
Faye L. Hoggard, Gary M. Nijak and Maria d. Pedraza, Food Services South Dining Hall
Peter A. Jarret, Corby Hall
Mark C. Kromaric, Investment Office
Cecillia Lucero and Barbara A. Wadley, Dean’s Office, First Year of Studies
Nancy E. Majerek, Office of VP, Finance
Theodore M. Palmerin and Richard L. Simon, Food Services North Dining Hall
Victoria A. Ploplis, Center for Transgene Research
James R. Quinn, Investment Office

Judith A. Rossow, EIS, Communication Services
Megan A. Sheraton, Office of Research
Gina V. Shropshire, Management
Cindy Swonger, Dean’s Office, College of Arts and Letters
Ping Tong, Rolfs Aquatic Center
Mark D. Urbanski, Security
Matthew E. Wilken, Archives

10 years

Ring K. Aguel, Carlos E. Calvo and Charles A. Cecil, Custodial Services
Lisa Checkley Needham, Biological Sciences
Sarah L. Craig, Eck Institute for Global Health
Keith S. Darr, Electrical Engineering
Suzanne Guzicki, Center for Environmental Science and Technology
Andrew T. Kostielney, Robinson Community Learning Center
Jerry Lingle, Physics
Mitchell Miller, Utilities, Operations
Barrie Reitz, Fred Riley and Gary M. Sammartano, Utilities, Operations
Andrew C. Roeder, Audit and Advisory Services
Mary A. Scott, Office of Budget and Planning
Gayle L. Strzelecki, University Health Services
Roberta White, University Communications
Diana Yoder, Food Services Support Facilities, Production

NEW EMPLOYEES

The University welcomes the following employees who began work in **September:**

Michael Alakade, Food Services North Dining Hall
S. M. Niaz Arifin and Richard E. Billo, Computer Science and Engineering
Hasana Begic and Maida Hodzimesic, Custodial Services
Alexandra M. Budz, Hesburgh Libraries
Clarence E. Carter, College of Science
Lauren E. Chval, Athletics Media Relations
Natalie R. Dreyer and Ariel Durgana, Robinson Community Learning Center
Ana Egatz-Gomez, Chemical and Biomolecular Engineering
Michelle E. Finley, Library Cafè
Christine E. Flint, Jessica Juday, Michael A. Loungo and Kevin P. Nugent, Development
Bruce D. Gadziola and Delmar J. Vohs, Security
Gary Gilot, College of Engineering
David Heemstra, Electrical Engineering

Sarah L. Himschoot, Career Center
Tricia Host, Elizabeth Osowski and Lindsay Romeo, Morris Inn
Brenda Hunt, Office of Community Standards
Jessica Jordan and Zoraida Lugo, St. Michael’s Laundry
Bradley T. Kneibel, Sports Medicine
Matthew D. Lahey, Office of General Counsel
Kyle Lantz and Melissa Marley Bonnichsen, Center for Social Concerns
Janet Laybold, Law School
Neil Mangus, MBA Program
Rosemary A. Max and Jennifer Nisevich, International Student Services and Activities
Louis M. Medina, Financial Aid
Laura F. Mortlock-McMinn, Radiation Laboratory
Rachel Otwinowski, Office of Human Resources
Toni M. Page-Mayberry, Harper Cancer Research Institute
Brian Powell, Annual Giving

Programs, Sr. Director
Brandy Rice, Office of General Counsel
Jonathan M. Rodak, Men’s Lacrosse
Curtis J. Rood, Aviation Department
Kathleen E. Schwab, Women’s Basketball
Laura Smith, Alliance for Catholic Education
Brian Wesolowski, Freimann Animal Care Facility
Ling Zhou, Accounting and Financial Services



For tickets to events at the DeBartolo Performing Arts Center, visit performingarts.nd.edu and create an account or log in to view faculty/staff and student discounted ticket prices, or contact the ticket office, 631-2800. Ticket prices listed are the faculty/staff/student rate.

PRESENTING SERIES

As part of the DeBartolo Performing Arts Center’s Presenting Series, **ensembleND with Notre Dame Vocale and Carmen-Helena Tellez**, conductor, will perform two compositions from 1971—“Rothko Chapel” by Morton Feldman and “Vox Balaenae” by George Crumb, a work written for electric and amplified instruments, blue light and masked performers. Selections from Das Wohltempierte Klavier of Johann Sebastian Bach will also be performed. Performances are at 2 p.m. and 5 p.m. Sunday, Nov. 24, in the Philbin Studio Theatre. General admission seating only; no late seating. \$27

Danú returns to Leighton Concert Hall Sunday, Dec. 1, at 2 p.m. for a celebration of the festival of Christmas. This expert ensemble, buoyed by Muireann Nic Amhlaoi’s golden voice, embraces centuries-old Irish music and song traditions to warm the heart during the holidays. \$36

Burning River Brass visits the Leighton Concert Hall on Sunday, Dec. 15, at 2 p.m. One of America’s favorite brass ensembles, the 12 talented players serve up crowd-pleasing tradition with a dash of jazz, time-honored carols and their very own big band “Nutcracker.” All ages welcome. \$27

MUSIC

Kristian Olesen, the Lutheran Church of Denmark’s Roskilde Cathedral organ player, performs at 2:30 and 5 p.m. Sunday, Nov. 17, in the DeBartolo Performing Arts Center’s Reyes Organ and Choral Hall as part of the O’Malley Sacred Music Series. Free—please note that the Reyes’ pew-style seating is limited and general admission only.

Notre Dame Symphony Orchestra fall concert in the Leighton Concert Hall, 8 p.m. Friday, Nov. 22. \$5

Symphonic Band and Symphonic Winds winter concert in the Leighton Concert Hall at 3 p.m. on Sunday, Nov. 24. Free, but ticketed.

Notre Dame Chorale and Chamber Orchestra present Handel’s “Messiah” in the Leighton Concert Hall, Friday, Dec. 6, at 8 p.m. and Saturday, Dec. 7, at 8 p.m. \$9

University Band concert Sunday, Dec. 8, 3 p.m. Leighton Concert Hall. Free, but ticketed.

Jazz Bands concert Sunday, Dec. 8, 7 p.m. Leighton Concert Hall. Free, but ticketed.

Collegium Musicum fall concert Thursday, Dec. 12, 7 p.m. and 8:30 p.m. Reyes Organ and Choral Hall. \$3

Glee Club Christmas Concert Saturday, Dec. 14, 2:30 p.m., 6 p.m. and 8:30 p.m. Leighton Concert Hall. \$6
The Notre Dame Glee Club presents its annual Christmas concerts to benefit the South Bend Center for the Homeless and the Food Bank of Northern Indiana. Family friendly, all ages are welcome.

THEATER

Cabaret
Wednesday, Nov. 13, 7:30 p.m.
Thursday, Nov. 14, 7:30 p.m.
Friday, Nov. 15, 7:30 p.m.
Saturday, Nov. 16, 2:30 p.m.
Saturday, Nov. 16, 7:30 p.m.
Sunday, Nov. 17, 2:30 p.m.
Winner of the 1967 Tony Award for Best Musical, “Cabaret” transports us to Germany between world wars, as a struggling American writer falls for a “perfectly marvelous” British singer in a seedy Berlin cabaret. FTI partners with Notre Dame’s Department of Music and PEMCo, the largest student-run musical theater company on campus.

Event includes mature or adult content. Dialogue or vocals in a foreign language. Please arrive early. No late seating. Decio Mainstage Theatre. \$15

The Met Live in HD: Tosca (Encore) 1 p.m., Sunday, Nov. 17
Browning Cinema. Running time: 3:35.
Patricia Racette portrays the tempestuous diva Floria Tosca in Luc Bondy’s production of Puccini’s enduring favorite. Roberto Alagna sings Tosca’s lover,

the painter Cavaradossi, and George Gagnidze is the corrupt, lustful Scarpia. Riccardo Frizza conducts Puccini’s sweeping, dramatic tale of murder, lust and political intrigue. \$23

National Theatre: 50 Years on Stage National Theatre Live
Friday, Dec. 6, 7 p.m.
Saturday, Dec. 7, 3 p.m.
To celebrate its 50th anniversary, the National Theatre presents a once-in-a-lifetime performance. A cast of 100 will perform live on stage, including actors Judi Dench, Derek Jacobi, Helen Mirren, Benedict Cumberbatch and many more.

The Met Live in HD: Falstaff
Saturday, Dec. 14, 1 p.m., Browning Cinema. Running time: 3:20. \$23
Verdi’s brilliant final masterpiece “Falstaff” has its first new Met production in nearly 50 years, conducted by James Levine and directed by Robert Carsen. *The International Herald Tribune* praised Carsen’s staging, first seen at the Royal Opera, Covent Garden, as a “production of eye-catching ingenuity.”

PROFILE: ORLANDO MENES



Poetry informed by family, faith

BY GENE STOWE, FOR NDWORKS

Poet **Orlando Menes**, director of the Creative Writing Program, was recruited to Notre Dame from the University of Dayton in 2000, to strengthen the Institute for Latino Studies.
“The Institute for Latino Studies is a cornerstone of the presence of Latinos from all backgrounds and ethnicities,” Menes says. “They’re very pan-Latino, not just focused

on Mexicans. I write about South America, Cuba, Spain, the U.S., so my work is compatible with the goals of the institute.”
His latest work, “Fetish” (University of Nebraska), recently won the 2012 Prairie Schooner Book Prize Award in Poetry. An earlier collection, “Furia,” was published by Milkweed Editions.
Menes’ own background is pan-Latino—conceived in Havana, born in Lima after his parents left Cuba around the time of the Bay of Pigs, brought up in Miami after they fled a leftist coup in Peru, and a couple of years in Madrid where his father had a furniture store.
“Cubans have this memory of the revolution, so whenever they hear ‘leftist’ they freak out,” he explains. “We left for Miami in December 1968. I pretty much grew up in Miami with my Cuban parents and my Cuban family. My father’s family had left Cuba in 1962, I think before the Bay of Pigs but maybe after. My father was able to get some money out of Peru, not a whole lot. His factory was taken over by the government—‘expropriated’ is the term.”
Menes traces the theme of displacement and assimilation to his family’s multigenerational experience of dias-

pora, reaching back to the 19th-century ancestors who emigrated to Cuba and forward to his own children growing up in South Bend. His Catholic faith also influences the poetry.
“The very Host, this thin wafer I was taught to let dissolve in my mouth and never chew, is the transubstantiated body of Christ, not a symbol, not an idea, but His very flesh,” he told Bucknell University’s West Branch Wired. “This kind of concreteness is compelling to me as a poet, and thus pervades just about anything that I write creatively, my use of language to connect body and mind, earth and spirit, the ordinary and the miraculous. I cannot bear any type of disassociation, division, fragmentation. I have a passion for amalgamation, not just as a trope but as a way of thinking, a style of living.”



IN THE SPOTLIGHT



DANÚ
Sunday, Dec. 1 • 2 p.m.
DeBartolo Performing Arts Center, Leighton Concert Hall

United Way services



Community Access Network (CAN)
Connects clients with a trained Family Development Case Coordinator from CAN partner agencies to develop and accomplish short-, intermediate- and long-term plans.

Community Education Impact Committee (CEIC)
Determines our county's biggest challenges concerning education and develops strategies to combat those issues.

Hunger and Obesity Initiative
Addresses academic performance and contributors to early childhood obesity, including parental factors, food consumption and physical activity.

People Gotta Eat (PGE)
Raises money to keep food pantries stocked and effectively addresses food distribution in our community.

Team HEAT
Helps families stay warm during the winter heating season, learn about budgeting and get the support they need through a \$50/\$50 match.

United Way 2-1-1 of North Central Indiana
Serves as the bridge between our community members and the answers they need. In 2012, 2-1-1 helped 36,481 people find local services, including counseling, food, after-school programs, utility assistance, shelter and discount prescription cards.

Volunteer Income Tax Assistance (VITA)
Offers free tax preparation services to those with low to moderate income. In addition, participants are encouraged to make wise financial choices, including saving and investing for the future.

ICeNSA *Continued from page 1*

Students can also be given a "Prescription to Play," which allows them free access to fitness programs at the Kroc Center and the YWCA.

With a collective impact approach, other programs such as the USDA Farm to School project (fns.usda.gov) encompassing efforts that range from school gardening, farm visits and culinary classes to bringing locally or regionally sourced foods to school cafeterias, can also become a part of the overall program.

"There is also an effort to open schools after hours, to encourage classes and family fitness

programs. All these are free to families. The goal is to get people to take advantage of as much as possible."

Says Nitesh Chawla, "It's all about using 'big data' for the common good. This is one of many community projects for the center. How can we take collective knowledge—our research in network and data science—and use it for the collective good?"

United Way partners

Partner Agencies

Through its partner agencies, United Way of St. Joseph County funds programs throughout our community that have the greatest impact on education, income/prosperity and health.

- AIDS Assist
- Alcohol and Addictions Resource Center
- American Red Cross of St. Joseph County
- Big Brothers Big Sisters of St. Joseph County
- Bridges Out of Poverty
- Boys & Girls Clubs of St. Joseph County
- Camp Fire River Bend
- Catholic Charities Diocese Fort Wayne-South Bend
- Center for the Homeless
- El Campito
- HOPE Ministries
- Indiana Legal Services
- La Casa de Amistad
- Life Treatment Center
- Literacy Council of St. Joseph County
- LOGAN Community Resources
- RiverBend Cancer Services
- Stone Soup Community
- United Health Services
- United Religious Community
- YMCA of Michiana
- YWCA North Central Indiana
- Youth Service Bureau of St. Joseph County

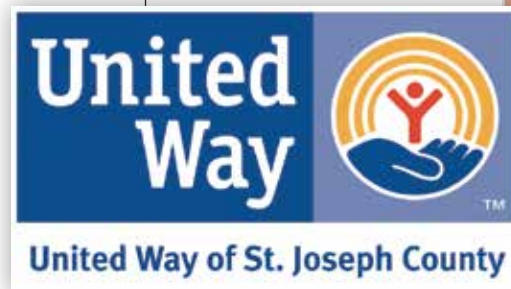
Collaborative partners

In addition to partner agencies, United Way also collaborates with local agencies that help support United Way's mission "to improve lives by mobilizing the caring power of communities."

- Broadway Christian Parish, UMC Food Pantry
- Church Lady and Friends Outreach Ministries
- Food Pantry Inc.
- Clay United Methodist Food Pantry
- Cross Bars Ministries Food Pantry
- Family & Children's Center
- Girl Scouts of Northern Indiana-Michiana
- Jewish Federation of St. Joseph Valley
- LaSalle Council Boy Scouts of America
- Little Flower Food Pantry
- Mishawaka Food Pantry
- St. Margaret's House
- St. Vincent de Paul
- Share Your Blessings Food Pantry
- Southgate Food Pantry

Donate or E-pledge at unitedway.nd.edu, or return pledge card below by Friday, Dec. 13 to:

United Way Campaign
100A Brownson Hall
Notre Dame, IN 46556.



Coach Muffet McGraw

YES, I WOULD LIKE TO HELP MAKE A DIFFERENCE IN MY COMMUNITY!

To make your pledge online through payroll deduction or by credit card, visit unitedway.nd.edu.

PAYROLL DEDUCTION:

- I authorize Notre Dame to deduct \$ _____ per pay period during the months I receive pay in 2014.
- I authorize Notre Dame to make a one-time deduction of \$ _____ from my FIRST paycheck in 2014.
- I am making a donation today by enclosing a check in the amount of \$ _____.
Please make checks payable to the United Way of St. Joseph County.

Five percent (5%) of your total United Way contribution benefits the ND Compassion Fund.

Printed name

ND ID#

Signature

Date

This organization does not provide goods or services in whole or in partial consideration for any contributions made to the organization by payroll deduction. Your contribution to the United Way is tax deductible.

