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Innovation Park: From idea to marketplace

Sustainability Ideas?

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A "greenhouse" in a green building

BY CAROL C. BRADLEY, ND WORKS

"We're helping people to transform ideas into useful applications meeting real needs," says Dave Brenner, president and CEO of Innovation Park, the University's new research park.

Ribbon-cutting ceremonies for the new state-of-the-art \$13 million facility, located on 12 acres adja-



southeast end of campus, were held in late October. The University, the State of Indiana, the City of South Bend

cent to the

and the U.S. Department of Energy have committed resources to develop the park.

A simple way to think about the function of Innovation Park is the term "research and development," Brenner says. "Basic research is what happens on campus. Development, or applied research and other activities central to commercialization, goes on over here."

What's the relationship between

the University and Innovation Park? "We're a 501(c)(3) non-profit organization that's wholly owned by the University," says marketing manager Ann Hastings.

Blue Mass

Innovation Park brings together innovators, market experts and access to early-stage capital, Hastings says—all key ingredients for successful commercialization.

The 55,000-square-foot building is the first of what could be four buildings. "The Park can potentially expand if the demand is there," Hastings says.

The façade of the park was chosen to echo the color and style of South Bend's industrial buildings around the turn of the last century. The building is mixed-use, including 30,000 square feet of leasable space, build-to-suit office suites, wet and dry laboratories and high-tech conference and meeting rooms—as well as a 24-hour coffee lounge. The building is accessible 24 hours a day, with a biometric entry system that requires a fingerprint to get in.

"All the spaces are reconfigurable," Hastings says. "All the furniture is movable. There aren't many loadbearing walls—the walls are modular and can be expanded or relocated as needs change. The University Architect did a fantastic job understanding the vision for this building and



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Banned Books

implementing these types of flexible features, which will help encourage collaboration and suit an ever-changing client base."

A centerpiece of the facility is the Greenhouse, a space intended to foster innovation for early-stage venture development. The Greenhouse provides space and technology for new ventures to brainstorm and collaborate with market experts who understand the unique challenges of a start-up.

"It's really a space for first-time entrepreneurs and very early-stage businesses," Hastings says. "The lease rates are very reasonable. They can learn what it takes to give a business idea a reasonable chance to succeed."

The Greenhouse will be open to faculty, alumni, staff and students pursuing a new business concept, she adds, as well as outside entities. While clients have priority on use of the common areas of the building, the boardroom and its third-floor patio overlooking campus, other conference rooms and a catering kitchen can be rented for events.

Gender Relations

Innovation Park is seeking LEED Silver Certification as a "green" building. All wood used in the building is certified, and 50 percent of the waste generated

by construction was diverted from landfills. Energy use is carefully monitored throughout the building. The Park also offers bicycle stor-

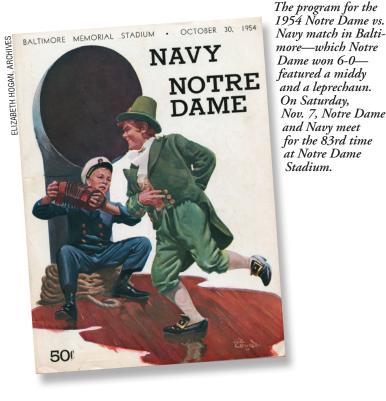
The Park also offers bicycle stor-



At top, the architecture of Innovation Park echoes South Bend's industrial heritage. Above, the café offers a flexible, high-tech gathering space.

the University's research mission and engaging students, faculty and others in the Notre Dame network, says Hastings. "On a broader scale, the park hopes that the collective work going on here will touch and improve the lives of others." For more information, visit **innovationparknd.com.**

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age, showers and changing rooms for employees who choose to bike or walk to work.

The goal of the park is to help transform innovations into ventures poised to successfully enter the marketplace, while supporting

New campus mail policy reduces paper waste

Mailings limited to 300 of any one item in a one-month period

BY LAURA MIDKIFF, FOR NDWORKS

The Office of Sustainability recently announced a new University policy that limits mass mailings sent via campus Mail Services.

In response to numerous requests made by faculty and staff, Mail Services will accept up to 300 of the same item within a one-month period. The policy will apply to all mailings except those mandated by regulatory compliance or those that receive an exemption approval from the Office of Sustainability.

The policy is designed not to reduce campus communications, but rather to streamline through existing channels, thereby reducing printing costs and paper use. These channels include **inside.nd.edu**, the University calendar at **agenda. nd.edu**, NDWorks, the Observer, and campuswide email list-servs.

Prior to implementing the policy, the Office of Sustainability conducted

an audit of all mass mailings sent on campus from December 2008 through May 2009. The results indicated that the new policy will save the University more than \$100,000 each year in printing costs alone.

Exception forms can be found at **green.nd.edu/campusmail.** The Office of Sustainability will respond to all requests in a timely manner and will inform Mail Services of approved mailings.

H1N1 vaccine program will be incremental

BY GAIL HINCHION MANCINI, INTERNAL COMMUNICATIONS

University Health Services anticipates that a limited amount of the H1N1 vaccine is arriving on campus soon. Because of limited quantities, UHS will distribute the first treatments to the highest-risk cases.

"We have no guarantee there will be ample supply in the first allotment to meet the needs of those in the highest priority groups," says Ann Kleva, UHS director. "However, we are optimistic that within a few weeks, we will have received ample supply to meet high priority needs."

UHS will first offer the program to pregnant women, and to students, faculty and staff with chronic health conditions such as asthma, diabetes, and heart and respiratory conditions.

UHS will distribute the vaccine almost immediately upon arrival, says Kleva, so members of those populations should be on the lookout for a distribution announcement. Health services will announce the start of the vaccination program times and locations via email. Additional efforts are being made to reach those who have no email access by using digital signs and posters.

People who live with or care for children six months or younger and healthy students under 25 years old also will receive priority treatment.

Kleva says she ultimately expects to receive vaccinations for every faculty, staff and student who wants it (families members are not included in this program). But with limited supplies early on, the University must follow the distribution protocol established by the Centers for Disease Control and Prevention (CDC).

Renewing the Campus: Sustainability and the Catholic University

Conference draws participants from 45 universities to ND campus

BY LAURA MIDKIFF, FOR NDWORKS

Renewing the Campus, a national conference hosted by the University in mid October, was the first symposium dedicated to enhancing understanding, activism, and cooperation among Catholic universities in the area of sustainability.

The conference—which included faculty, administrators, and students from 45 universities across the country—was structured to encompass many approaches to environmental issues, including those of theologians, scientists, sustainability practitioners, student activists, and clergy.

The aim was to address the theological and ethical implications of climate change as viewed through the lens of Catholic social teaching—with a focus on the opportunities for Catholic universities to assume a leadership role on this issue within both the academic and Catholic communities.

President Rev. John I. Jenkins, C.S.C., in his greeting to the conference participants, wrote that "sustainability has emerged in the context of public debate surrounding a host of issues from global climate change to dwindling natural resources to international energy security, but there is a dimension that has been all too often overlooked—a human dimension." He added that Pope Benedict XVI observed in his latest encyclical Caritas in Veritate, "The environment is God's gift to everyone, and in our use of it we have a responsibility towards the poor, towards future generations and towards humanity as a whole."

Rachel Novick, education and outreach coordinator for the Office of Sustainability, said, "We were blessed to be able to host this and provide a context for faculty, administrators and students from all these universities to come together as a community. What a lot of people said about the weekend was that they felt we were becoming closer, getting to know one another and forming bonds that can help us all to become more sustainable going forward." Novick indicated that the goal wasn't just to hold a conference, but to build community-adding that what she hopes to do is to help participants remain connected to one another and to share resources.

Notre Dame student Colleen Kelly, an intern in the Office of Sustainability and president of GreeND, played a significant role in planning and participating in the conference. A member of the University's Energy and Environmental Issues Committee, Kelly was involved in defining the conference and its goals. "I think it's important to emphasize that this conference placed a human face on the environmental crisis. Oftentimes, environmental discussions are relegated to science or politics. However, this conference had a distinct approach of social justice and solidarity," said Kelly, taking into consideration the poor of the world in conjunction with climate change and environmental irresponsibility.

In the words of University of Scranton theologian Dr. Brian Benestad, "All Catholic social doctrine focuses on respect for life, the dignity of the human person, the practice of virtue, and the realization of the common good, or otherwise stated, what makes for sustainable human communities. Every subject Catholic social doctrine treats pertains in some way to understanding the requirements of a sustainable community."

The Greening of the Irish

Sustainability grade improves for third straight year

BY LAURA MIDKIFF, FOR NDWORKS

Notre Dame received a B on this year's College Sustainability Report Card, an improvement over last year's B-.

The Sustainable Endowments Institute, a special project of Rockefeller Philanthropy Advisors, produces the Report Card. Each year it assesses 300 public and private colleges and universities with the largest endowments.

This year's higher grade came in response to a 7.5 percent decline in the University's in carbon emissions, and increased use of recycled paper—jumping from 10 percent to more than 80 percent of purchases.

The Office of Sustainability and the Energy and Environmental Issues Committee have promoted a number of energy-saving initiatives, including retrofitting lampposts with ultra-efficient LED lighting. Campus electricity demand actually declined last year, for the first time since the late 1970s, says Paul Kempf, Notre Dame's director of utilities. "That's a major milestone."

What can faculty, staff, and students do to improve the University's Sustainability Report Card grade next year?

Be conscious, says Rachel Novick, education and outreach coordinator for the Office of Sustainability. "Be conscious about saving energy. Be conscious about making sure your computer's asleep when you're not using it. Be conscious about printing. Save electricity—turn off lights. Unplug things you don't use all the time."

The University's Green Loan Fund has monies available to invest in projects that will save Notre Dame energy—the fund can be used to retrofit lighting, add motion sensors or timers, or replace old departmental appliances with new energy-efficient ones.

The focus of future efforts, says Novick, will be to reduce the amount of energy we use. "Notre Dame is relatively energy intensive, so reducing our energy usage is the best way we can reduce our environmental impact. It's also a really powerful way to save money."



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NEWS BRIEFS

ROTC Veterans Day ceremonies Nov. 11

The University of Notre Dame's Army, Navy and Air Force ROTC units will conduct a 24-hour vigil at Clarke Memorial Fountain on the Fieldhouse Mall beginning at 5 p.m. Monday, Nov. 10. The annual Tri-Military Veterans Day Retreat Ceremony, weather permitting, takes place at 5 p.m. Tuesday, Nov. 11 at

CENTER FOR RESEARCH COMPUTING

Geographic Information Systems workshop

The Center for Research Computing will host GIS (Geographic Information Systems) Day 2009 on Friday, Nov. 20, from 1 to 5 p.m. in the Hesburgh Library Auditorium.

Keynote speaker is Paul W. Collins '73, CEO of Skyline Software Systems. Guest speakers include Phil Worrall, executive director of the Indiana Geographic Information



Jennifer Laiber

STUDENT INTERN Lisa Bucior

STUDENT REPORTER Katie Doellman

NDWorks, Notre Dame's faculty and staff newspaper, is published by the Office of Public Affairs and Communication. The views expressed in articles do not necessarily reflect the views of ND Works or the administration. NDWorks is produced semimonthly during the academic year when classes are in session, and monthly during June and July. Online PDF versions of past NDWorks can be found at **nd.edu/~ndworks**. Submit story ideas, questions and comments to **ndworks@nd.edu** or contact Carol C. Bradley, 631-0445 or **bradley.7@nd.edu**.

The deadline for stories is 10 business days before the following 2009-2010 publication dates: July 23, Aug. 13, Aug. 28, Sept. 10, Sept. 24, Oct. 15, Nov. 5, Nov. 19, Dec. 10, Jan. 7, Jan. 28, Feb. 11, Feb. 25, March 18, April 8, April 22, May 6, May 20, and June 17. the Clarke Memorial Fountain. Area veterans and the general public are welcome to attend.

HESBURGH LIBRARIES Scott Van Jacob, 1956-2009

Hesburgh Libraries' faculty and staff mourn the loss of Scott Van Jacob, Iberian and Latin American Studies subject librarian. Van Jacob died Oct. 10, after a lengthy illness.

Professionally, Van Jacob was a highly regarded Latin American specialist. He was also an accomplished amateur runner, and at age 38 won the Harrisburg (Pa.) Mile with a personal best time of 4:07.

A week before his death, Van Jacob and his family received friends and colleagues from the University and across the country at a reception honoring his career. Van Jacob is survived by his wife Elizabeth, a Hesburgh Libraries reference librarian, daughters Nina and Gemma and stepdaughter Amy. Council.

GIS software represents features on the earth as digital, spatial data. The information gleaned can be used in many ways—to track ocean currents, to plan emergency disaster responses, and for military mission planning and terrain analysis.

The event is free and open to the public. To register, click the GIS Day link at **crc.nd.edu/.**

KANEB CENTER Kaneb fellows named

The mission of the Kaneb Center for Teaching and Learning is to stimulate reflection about—and advocate for the enhancement of—practices, policies, and structures related to teaching and learning.

Each year, in recognition of teaching excellence, the Kaneb Center for Teaching and Learning names eight faculty fellows. Kaneb Faculty Fellows share their teaching abilities and experiences through workshops,



BLUE MASS

The ninth annual Blue Mass for police officers, firefighters, emergency medical technicians and their families was celebrated Tuesday, Oct. 27, in the Basilica of the Sacred Heart. The Mass, named for the predominant color of the uniforms worn by police and firefighters nationwide, was first celebrated for victims of the terrorist attacks of Sept. 11, 2001, and for the police officers, firefighters and rescue workers who died while serving and protecting others.

discussion groups, research, and individual consultation.

This year's recipients are Mendoza College of Business management professor **Robert Bretz; David Campbell,** associate professor of political science; **Richard Economakis,** associate professor in the School of Architecture; **Bill Goodwine,** associate professor in aerospace and mechanical engineering; **Catherine** Schlegel, associate professor of Classics; Stephen Silliman, professor of civil engineering and geological sciences; Department of Biological Sciences Associate Professional Specialist Michelle Whaley; and physics professor Michael Wiescher.

COLLEGE OF SCIENCE Research opportunities for undergraduates

Programs find opportunities in laboratories for undergrads

BY GENE STOWE, FOR NDWORKS

Undergraduate research, a longstanding natural element of a College of Science education at the Notre Dame, has accelerated in recent years with an increased commitment to make such opportunities available in a systematic way.

New and expanded programs, both during the academic year and during the summer, are bringing more students into research, with the goal that any science student who wants research opportunities can have access to them.

The University of Notre Dame Environmental Research Center (UNDERC), which straddles the state line between Wisconsin and Michigan's Upper Peninsula in Vilas County, Wis., and Gogebic County, Mich., has long offered research opportunities for undergraduates, says Dominic Chaloner, who came to Notre Dame in 2000 and was appointed coordinator of undergraduate research in the College of Science in 2007.

Students have always been able to do research for academic credit, he says. "The question was providing opportunities over and above that."

A speech by University President Rev. John I. Jenkins, C.S.C., signaled a strong University commitment to undergraduate research.

"(Father Jenkins) wanted the institution as a whole to be encouraging students to be doing scholarly engagement beyond just going to lectures," Chaloner says. "At that point, I think it became more widely accepted that we had to do more than we were already doing."

Chaloner's strategy involves three components: providing information about opportunities; engaging students in opportunities, such as courses in which research is a central component; and supporting research with, for example, travel grants and fellowships.

Specific programs that provide summer opportunities include:

Summer Undergraduate Research Fellowships that started with a handful of students a few years ago and supported some 45 this year. "This summer, the program blossomed," says Marissa Runkle, the College of Science's marketing communications specialist. "They were funded by a number of funding sources," including Clare Boothe Luce and Balfour programs and the IU School of Medicine.

The Research Experience for Undergraduates (REU) is a longstanding program supported by the National Science Foundation. The summer program brings students from other schools to campus, but some Notre Dame undergraduates can participate here as well as going to other laboratories.

REU in biological sciences is the successor to a program started in 1993 with support from the Howard Hughes Medical Institute and organized by Michelle Whaley of biological sciences, who teaches research-based genetics and cell biology courses.

The departments of chemistry and biochemistry, physics and mathematics also offer REU programs, including an alumni mentoring program organized by Whaley that connects undergraduates with alumni for research. Four students participated in the first such this year.

In addition, four of Whaley's cell biology students this year continued their spring semester research during the summer.

"It's a challenge to find opportunities, but we have a lot of ways we can work with students," says the Career Center's Laura Flynn, who networks with university medical centers, pharmaceutical and medical device companies, among others, and shows students how to look for research opportunities.

Chaloner says the variety of options is important for increasing undergraduate research.

"I think what we're going to get to is a multitude of different ways of providing opportunities," he says. "The research is appropriate to the student's career aspirations. A medical school isn't going to look for the same level of depth of undergraduate research," as, say, a Ph.D. program. "Undergraduate research cannot be a monolithic thing—research is not one thing," he says.

"A Notre Dame student has a diverse experience. We want research to be a common part of that experience."



SCIENCE FAIR

On Saturday, October 24, campus visitors enjoyed vivid demonstrations in the Jordan Hall of Science in celebration of National Chemistry Week. At the nonmetals exhibit, graduate students in chemistry applied flame to balloons filled with hydrogen, helium and a mix of hydrogen and oxygen. Occasional booms filled the Galleria as the hydrogen-oxygen mix produced water and energy.

COLLEGE OF ARTS AND LETTERS 'Review of Politics' at 70

Journal published some of the most influential thinkers of the 20th century

BY MICHAEL O. GARVEY, NEWS AND INFORMATION

We can be grateful that the world of 2009 is so unlike the world of 1939, in which The Review of Politics was first published at the Notre Dame.

But agreeable as it is to leave the totalitarian regimes of Hitler and Stalin, the invasion of Poland, the concentration camps and fire bombings uniquely associated with that earlier time, it is not difficult in this one to share what the journal's first editors described as a feeling "that we are living in a kind of interval of history, in a duration of formlessness and fury." That generation-spanning resemblance may account for the review's enduring status as an indispensable journal of political philosophy.

The Review of Politics was founded during the tenure of Notre Dame's 13th president, Rev. John F. O'Hara, C.S.C., who was, to put it mildly, an unlikely patron for this or any other intellectual project. Suspicious of philosophy and all but apologetic theology, he forbade the campus sale of publications he found objectionable—Time magazine was one such—and routinely banned the many books he disliked from the University library.

Even one of his admirers, the late professor of American Studies and former editor of the review, Thomas Stritch, saw fit to describe him as "a censorious prude, one with the popularly caricatured nuns of Catholic schooling."

Nevertheless, it was Father O'Hara (later to become cardinal archbishop of Philadelphia) who, as Stritch put it, "founded the University of Notre Dame" by overseeing its most transformative growth, establishing and fostering a graduate school and welcoming into the ranks of the faculty a stellar array of English, Irish and European scholars. Most of the Europeans were refugees, fleeing both the fascist regimes and the spiritual and intellectual toxins these had released in European culture.

One of these had been recommended to Father O'Hara by an already prominent visiting professor, the French Thomist philosopher, Jacques Maritain.

Maritain's friend, political philosopher and historian Waldemar Gurian, had run predictably afoul of German authorities for lectures and essays critical of fascism (and so of Hitler) and had fled with his family to Switzerland, where he languished for a couple of years before receiving Father O'Hara's invitation. The journals of Catholic intellectual opinion for which Gurian had written in Germany had by then been shut down or hopelessly censored, and he arrived at Notre Dame in 1937 determined to found a new one. Two years later, with help from Rev. Leo R. Ward, C.S.C., another professor of philosophy, Gurian persuaded Father O'Hara to back the project.

Gurian's new publication became central to a community of thinkers understandably convinced that the West had lost its moral bearings and could not regain them without rediscovering what Jacques Maritain, in the Review's first article, called "integral humanism." In addition to Maritain, the earliest contributors to the journal include some of the 20th century's most influential political thinkers, among them Hannah Arendt, Carl Friedrich, Leo Strauss, Russell Kirk and Eric Voegelin.

While sharing a common concern, even alarm, about their culture's integrity and will, these writers were a highly eclectic group. According to A. James Mc-Adams, the William M. Scholl Professor of International Affairs and director of Notre Dame's Nanovic Institute for European Studies, "some of their political differences were far-reaching. Although none would have adhered to extremist positions, their personal enthusiasms ranged across the political spectrum, from Christian Democracy to social progressivism, agrarianism and Burkean conservatism."

With the review's present editor, Catherine H. Zuckert, the Nancy Reeves Dreux Professor of Political Science at Notre Dame, McAdams has begun to edit a series of anthologies gathering the most noteworthy essays in the journal's 70 years of publication. Two of these, "The Crisis of Modern Times," edited by McAdams, and "War, Peace and International Political Realism," edited by Keir A. Lieber, associate professor of political science at Notre Dame, have already been published by the University of Notre Dame Press. Former editor Donald Kommers, the Joseph and Elizabeth Robbie Professor of Government and International Studies and professor of law at Notre Dame, is at work on another. According to one critic, Steven B. Smith, Cowles Professor of Political Studies at Yale University, the collected essays "demonstrate why the Review of Politics is a national treasure (which) has remained the premier journal for serious students of political philosophy."

Game Day goes green

Recycling comes to football weekends

BY LAURA MIDKIFF, FOR NDWORKS

Game day tailgaters and fans may have noticed something new in the parking lots around campus— 55-gallon drums marked with a white recycling emblem.

The blue receptacles show that Notre Dame is serious about its role as a sustainability leader. The University hopes to improve upon last season's record of 73 tons of waste diverted from landfills, and send the message that even pre-game fun can go green.

In addition, the Office of Sustainability—in partnership with athletics, General Services and security has introduced blue recycling bag self-dispensing units. The units are made from refurbished newspaper dispensers and have been attached to light posts. Tailgaters can take as many recycling bags as they need and leave the full bags behind at their vehicles to be picked up during the game.

Rachel Novick, education and outreach coordinator in the Office of Sustainabilty, says she has received numerous emails from fans and alums congratulating the University on recycling initiatives. "They want to have fun out there tailgating, but this way they're not creating so much trash," says Novick.

Such praise should make any septuagenarian's day.

First annual sustainability idea competition

Have a bright idea for recycling, eliminating waste or saving energy on campus? Submit your ideas to NDWorks, and we'll publish them in upcoming issues. You might receive an exciting prize like an Office of Sustainability water bottle. Submit your ideas to Carol C. Bradley, bradley.7@nd.edu or 631-0445.

STUDENT AFFAIRS Gender Relations Center: What it is—what it's not

Thinking about the ways men and women interact

BY CAROL C. BRADLEY, NDWORKS

The Gender Relations Center has often been misunderstood, says director Heather Rakoczy Russell.

"We're not a club, or a covert women's center, a LGBTQ (lesbian, gay, bisexual, transgender, questioning) center or a rape crisis center," she says.

"We are an office in Student Affairs that is interdisciplinary in nature. We design and implement programs about healthy relationships, gender and sexuality, consistent with the Catholic character of the University."

The office is unique among colleges nationwide in attempting to address these issues within a Catholic framework, she notes.

The GRC is charged with developing education and prevention programs—although it does make referrals to appropriate offices for students in crisis. It also acts as a resource center and facilitates opportunities for training in the campus community.

"What we attempt to do is create dialogue by collaborating with student clubs, other campus departments and community organizations in South Bend," Rakoczy Russell says.

Rakoczy Russell and Elizabeth Moriarty, GRC assistant director, are both Notre Dame alumnae (1993 and 2000, respectively) and both hold a master's degree in divinity. "We're drawn toward this work for similar reasons," Rakoczy Russell says. "It's moral formation. The ministerial aspects of the office appeal to the minister in each of us. The idea of moral formation is a distinctively Catholic idea."

The GRC encourages students to be thoughtful about the values they prize. "We challenge them



The GRC trains students to act as peer educators on issues of identity, relationships and equality.

to develop a conscience. We ask if they're living up to the values they were taught. A conscience doesn't go on leave on the weekend."

The center is committed to spiritual, emotional and intellectual development of all students, both male and female. The office is a place where women and men can engage in respectful dialogue and explore issues of identity, relationships and equality.

The GRC holds "awareness weeks" on topics such as eating disorders and sexual assault, educating through events, posters, lectures and social events. Programs are offered in a number of different venues. "According to focus group findings, men like campuswide, co-ed programs," she says. "Women prefer single-sex programs in residence halls."

Programs are also tailored to students of different ages—the "College HAS Issues" program for incoming students was held on enrollment day in the fall. Football ticket vouchers were handed out at the event. Last year only 19 students missed it, out of 2,100, she adds, and only six firstyear students were absent this fall.

"Our office is really working to encourage the integrated development of our students—both women and men. We're helping encourage students to ask better questions, and engage with each other from a position of knowledge rather than a position of ignorance."

When Rakoczy Russell was a student at Notre Dame between 1989 and 1993, there was still a four-to-one male-to-female ratio, she notes. "I never had a female professor and very few female classmates in my major classes in philosophy and theology. I really didn't think about those things."

Today, she says, Notre Dame women's confidence levels have changed. "There's a feeling that any major is open to them."

The real changes, she adds, have been on the ground—for example, when campus elected the first female student body president—then the second, and the third. "We did a program featuring all three," she says. "All three said they'd never thought of themselves as female student body presidents. They were student body presidents who happened to be female. They were equals."

Violence prevention initiatives raise awareness, increase understanding

Discussion draws attention to a difficult topic

BY LISA BUCIOR, NDWORKS

Rape and sexual assault are the most underreported crimes, making it difficult to measure the number of incidents on campus, says Heather Rakoczy Russell, director of the Gender Relations Center (GRC). While it is not unusual to see zero cases or only one case reported at Notre Dame each year, Rakoczy Russell says she knows from her days as a women's hall rector that the number is much higher.



Rakoczy Russell

Last year, the GRC launched the Violence Prevention Initiative (VPI), which has five main goals: to raise awareness

about violence in the local community, to increase understanding about global violence, to promote the healing of survivors of violence, to raise funds for local nonprofits invested in violence prevention and service to survivors of violence, and to serve as a flagship for violence prevention on Catholic campuses.

VPI sponsors several annual events, this year with titles inspired by the book of Ecclesiastes: "To everything there is a season, and a time to every purpose under heaven." The first of these was an active bystander training seminar, "A Time to Be Silent and a Time to Speak." Active bystanders, says Rakoczy Russell, are those people "willing to intervene or to take a chance to make a difference in a potentially dangerous situation."

Speaker Annie Envall, assistant director of the S-O-S (Sex Offense Services) of Madison Center, a rape crisis intervention and counseling organization, elaborated Rakoczy Russell's definition. "An active bystander is not afraid to step up and call people out on behavior that might be inappropriate," she says. "It's someone who is not afraid to make a scene."

The Friday night event attracted around 30 students, half of whom identified themselves as "FIRE starters," GRC peer educators who help lead the center's programming initiatives. (FIRE is an acronym for Finding Identity, Relationships, and Equality.)

The seminar, says Rakoczy Russell, is a test run for the new Students Preventing Acquaintance Rape (SPAR) program, a program targeting first-year students that serves as a complement to the "College HAS Issues" freshman orientation program; FIRE starters were required to attend the active bystander training in order to conduct the SPAR program in residence halls.

During the first part of the hour-long active bystander training, Madison Center's Envall instructed the participants how to best respond to a friend who is the victim/survivor of rape or attempted rape. Participants then broke into small groups and were given various campus scenarios and "rape myths" to discuss and analyze.

"You can never prove you prevented something," Envall says regarding the effectiveness of active bystander training. "But the more people are comfortable talking about rape and sexual assault, the more acceptable talking about the topic will be, and more attention is given to the topic."

'Notre Dating in the Dark' Ezploring whether love is blind

BY KATIE DOELLMAN, NDWORKS

What's more important, looks or personality?

Three women and three men got to know each other—in the dark—at the first

presentation of "Notre Dating in the Dark" by the Gender Relations Center (GRC) at Legends earlier this semester. The program, a takeoff on ABC's reality show "Dating in the Dark," was intended to spark conversations about whether love is truly blind and to bring clarity about what students look for in friendships and dating.

It's all part of the GRC's mission to encourage and facilitate dialogue among students about issues related to gender. The GRC engages students as FIRE Starters (Finding Identity, Relationships and Equality) to educate their peers on campus.

Sophomore FIRE Starter Kelsie Kiley said, "We're putting on this project to show students at Notre Dame if love is truly blind and if personality is the focal point of attraction or if it is based on physical appearance."

In "Notre Dating in the Dark," the six blindfolded volunteers started with introductions. The women were given the opportunity to search through the men's book bags, and the men rummaged through the women's purses. During a brief intermission the audience witnessed a round of speed dating, with the contestants still bindfolded.

At the end, participants chose the person they thought they'd be most compatible with. Since they were "in the dark," looks were not factored into the decision. Then the couples met on stage and removed their blindfolds for the first time.

Afterward, both participants and audience members had the opportunity for discussion. Sophomore contestant Janine Joly said, "It was weird. I'm not going to lie. It was the stages of a relationship in a confused order."

Another contestant, senior Chris Tulisiak, said, "I thought it was a struggle not being able to see the person when I was talking to them."

Sophomore Manali Patel, an audience member, said, "While it was a bit awkward to watch at times, it did make me wonder what I would be doing or saying if I was up there blindfolded. It made me curious about the specific qualities that attracted me to the friends I have now and guys I've dated in the past."

After the night was over, the director of the GRC, Heather Rakoczy Russell, said, "We were hoping what happened would be a conversation starter between students and cause them to ask themselves, 'Is love blind for me?' I think for a first program it was a good start. Hopefully it's just the beginning of self-reflection about healthy relationships."



CLOTHESLINE PROJECT

Gender Relations Center awareness initiatives included a display of T-shirts, part of the nationwide Clothesline Project (clotheslineproject. org), which provides a vehicle for women affected by violence to express their emotions by decorating a T-shirt. The shirts are then hung on a clothesline to be viewed by others as a testimony to the problem of violence against women.

HESBURGH LIBRARIES

Librarian, private eyeit's the same principle

Outreach librarian helps connect people, information

BY CAROL C. BRADLEY, NDWORKS

You can think of Felicia Smith as one of the next generation of librarians.

In the online virtual world "Second Life," students can meet Smith's leprechaun-costumed avatar, Iris Maximus. The name "Iris" comes from the acronym on the sign above the Hesburgh Library reference desk: information, research and instructional services.

Smith, Hesburgh Libraries outreach librarian, created a library "maze" in Second Life, which she uses to teach students library skills. They answer questions—for example, picking the book that's out of order in the Library of Congress system. One wrong answer and you get sent to the remedial room—two wrong answers and you're out.

It's one of many efforts Smith is making to connect students, faculty, staff, and the community to the

library and its resources.

Smith started her career working with a different kind of clientele-she was a certified private investigator who packed a .357 Magnum while working homicide and narcotics cases for criminal defense attorneys in Chicago.

Her father, a pastor, did not like her carrying a gun, she

recalls. "The good reverend couldn't sleep," she says. "He had a heart attack." She quit her job and took a temp job at a construction company.

It was the premature birth of her sister's son that set her on the path toward becoming a librarian.



Felicia Smith's computer screen shows the Clarke Memorial Fountain as it exists in Second Life.

Her nephew—now a healthy 10-year-old—weighed only 2 pounds, 4 ounces at birth. "I could hold him in the palm of my hand," Smith says. When the baby was ready to go home, Smith's sister was still in the hospital.

Smith, who had no idea how to care for 4-pound premature baby,

turned to the library at Northwestern Memorial Hospital for helpand found it. She became so familiar with the library on her lunch hour visits that she be-

> gan helping other patrons. The library had a job opening, but

they were looking for someone with a library science degree. "I'd never heard of a library science degree," she says. "But the librarian said she

could teach me, if I'd get the degree. A month later I was enrolled in a library science program."

Being a librarian is really pretty similar to her first job, she adds. "I use the same skill set as a private investigator to do my library research. It's the same basic principles of finding information."

Smith utilizes many different tools to connect a tech-savvy generation of students to library services.

She appeared in a pirate costume to introduce a first-year composition class to the notion of information piracy (i.e. copyright violations). Smith created a YouTube commercial for RefWorks, the library's online bibliographic software—it can be viewed by searching YouTube for "Citation Cop."

In addition to her busy library career Smith also teaches literacy classes at the South Bend Juvenile Justice Center (JJC).

Never satisfied with the way things have been done before, Smith is testing Kindles and other e-readers with her JJC students. "They love them," she says. "They had print copies as well, but 79 percent preferred Kindles to print."

Several different types of the devices are being tested on campus as well. One Kindle can hold 3,500 books, she points out. "So if the library is having space problems, that might be a creative solution."

Ultimately, she says, her goal is to help meet the University's goal of becoming a pre-eminent research institution—while at the same time being a force for good in the community.

An island called Sophia

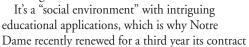
A virtual Notre Dame that lives in cyberspace

BY BILL SCHMITT, NDWORKS

Come explore an island destination called Sophia—surrounded by blue water, tucked tranquilly in a region full of utopias where people from around the world can imagine the future, construct habitats, test their knowledge, collaborate with friends and even fly. Now that's the life.

Actually, it's Second Life.

Second Life is an online virtual world you can visit for free, exploring myriad destinations and environments established by individuals, companies or organizations, including universities. Many people visit simply for entertainment, "but it's really not a game," says Chris Clark, assistant director of the Kaneb Center for Teaching and Learning.



Clark

with Second Life, Clark says. The contract includes a virtual deed to Sophia, the home island that University staff and faculty—like Clark, Jay Brockman, associate dean for educational programs in the College of Engineering, and Hesburgh Libraries outreach librarian Felicia Smith—have developed at the site.

Sophia settlers from the Kaneb Center, the College of Engineering, the Hesburgh Libraries and the Office of Information Technology form the team that has obtained the funding and created the content for Notre Dame's involvement so far. The reviews of Second Life's capabilities during its two-year "proof of concept" phase have been positive, but Clark says interest in more applications has to be shown from more faculty and staff members to keep Notre Dame involved.

"If we don't have any takers during this last year, we'll drop it," he says, adding that he is ready to work with interested parties and to solicit creative ideas for applications. Today's group of users have started some projects at Second Life that are worth considering—and worth visiting, if you're comfortable with the somewhat complicated registration process—before Notre Dame pulls up its stakes.

To visit Second Life, one must download software and choose an "avatar" to represent you in virtual reality. Hesburgh Libraries outreach librarian Smith, who teaches an "introduction to the library" course for students, makes it easy by getting students involved once her crew has landed together on Sophia. "After I do my library lecture, I log into Second Life to have the students use



y lecture, I log into Second Life to have the students use activities to reinforce what was covered," says Smith. "I created a maze that has questions on the walls, and the students use the library avatar to select the correct answers in order to move to the next room of the maze."

The College of Engineering's Jay Brockman created a realistic model of new Stinson-Remick Hall based on blueprints and other planning details. "We can actually use it for planning how to use that building" before it opens, he points out. Students and faculty can walk their avatars around the space that will be an interdisciplinary learning center, and see how different layouts of tables and chairs fit different purposes. They experience a visioning phase of design that is "a fuzzy part of the engineering process," and they see "a little bit of what life in the learning center might be like."

Felicia Smith's avatar "Iris."

Clark uses outdoor spaces on Sophia to reinforce image-editing and other software skills with students in his Computer Applications class, so if you visit be sure to look for a student-designed sculpture garden where art is accompanied by MP3 audio tracks and other enhancements.

He says the possibilities for sophisticated educational applications are numerous if usability and other hurdles can be addressed. The uses could include visual gatherings for students engaged in distance-learning programs, simulations of ancient buildings that avatars can walk through and explore, and representations of object that don's with but still can be observed and analyzed

Interested in trying out Second Life and seeing the virtual Notre Dame island of Sophia?

Visit **secondlife.com** and download the application software. When you've registered and created and named your avatar, go to "maps" at the bottom of the page and type in "Sophia." Visitors are welcome to take a look around. The Kaneb Center's Chris Clark is happy to answer questions: 631-7434 or clark.96@nd.edu.

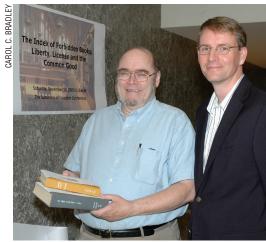
Hesburgh Libraries focus on banned books

Celebrating the freedom to read

BY CAROL C. BRADLEY, NDWORKS

Librarians J. Douglas Archer and J. Parker Ladwig will debate the freedom to read from the perspective of liberty vs. license as part of a Notre Dame Center for Ethics and Culture conference, "The Summons of Freedom: Virtue, Sacrifice, and the Common Good," Nov. 12 to 14.

Archer, whose work against censorship has included chairing the Intellectual Freedom Committee of the American Library Association, has created a display in the east end of



Archer and Ladwig

the Hesburgh Library concourse celebrating the freedom to read, in support of the American Library Association's annual "Banned Books Week." The display will be on view through mid-November.

At the entrance to the periodicals room, associate librarian Collette Mak has created a display of books—including familiar works such as "The Hunchback of Notre Dame," "The Three Musketeers" and "The Satanic Verses"—that at one time were banned by religious or political authorities.

Mak looks forward to being an active partner with the Notre Dame community in creating ongoing learning opportunities utilizing library resources. Previous displays included books on eating disorders, geared toward the recent Snite Museum exhibition "Thin." After displays on eating disorders and banned books, the next display will be more fun, she adds—books on Christmas. tions of objects that don't exist but still can be observed and analyzed.

Most of Second Life's reported 500,000 active users go there to socialize, do some virtual shopping or make wholesome use of their imaginations; the fate of educational applications is yet to be determined. But you may want to go exploring to see if Sophia helps your own travel dreams come true.

Chris Clark's Second Life avatar, Hezekiah Dench, standing near the entrance to the Hesburgh Libraries' maze, can walk, fly or teleport to a virtual Stinson-Remick Hall.



Office of the University Architect wins Team Irish award

The team in the Office of the University Architect is among the most successful and highest achieving teams on campus. Through their dedication to enhance and improve the aesthetic of Notre Dame, they have successfully managed the largest physical expansion of the University in its illustrious 167-year history. Between July 1, 2008, and December 31, 2009, this 19-person team, led by University

Architect Doug Marsh, has planned, designed, constructed, and facilitated the move-in of 683,000 square feet of new buildings and 118,000 square feet of renovated facilities. Additionally, this team has led in the reroofing of 11 buildings on campus, covering 318,000 square feet. Lastly, it has led in the development of four major landscape improvement projects for the campus encompassing a total of 22

Pictured above:

Back row, left to right: Craig Tiller, Doug Marsh, Margaret Snyder, Tony Polotto, Jim Reabe, Doug Schlagel, Victor Saavedra, Tami Kronewitter, Mike Daly

Second row, left to right: Pat Karpinski, Gina Pilarski, Julie Boynton, Tammie Wrenn, Joan Lacay, Valerie Teumac-Minder, Pam James Front row, left to right: Ray Phillips, Butch Layman, Chuck Hums

acres: the creation of the Irish Green; a new pedestrian-friendly West Quad; incorporation of the Longitude Dial into the lawn south of the Jordan Hall of Science; and the beautification of the Morris Inn parking lot.

These 32 projects range from the expansion and renovation of the Law School to the ongoing annual repairs to the original Notre Dame Stadium seating bowl. The scope of these projects are vast and require a wide range of expertise, including design, cost estimating, project management, interior design, accounting, and a wide variety of administrative skills. Six professionals on the Office of the University Architect staff have become LEED (Leadership in Energy and Environmental Design) accredited professionals while four others are currently preparing to achieve the same after an in-depth study of sustainable building practices and passing a rigorous examination.

We salute these dedicated professionals today by recognizing them with a Presidential Team Irish Award, which honors exemplary service, teamwork, and commitment. The award program has been designed to provide a special and unique opportunity to publicly recognize teams that exemplify the University's core values.

Staff members have full access to library resources

A place for reading or research

BY LISA BUCIOR, NDWORKS

The Hesburgh Libraries exist to serve three constituent groups: students, faculty and staff. Yet librarians fear one of those groups is not taking full advantage of the service.

"Many of our staff members do not think of our library as a resource," says Denise Shorey, associate director for user services. "They tend to look at the library as something other people use."

University staff members have full access to the library's materials and resources and may check out books and bound periodicals. University ID cards double as library cards.

But circulation of materials is only

and collection development needs, Shorey says, so it will not likely have the latest bestselling murder mystery; however, there are numerous materials for individual research.

"If you have a child going off to college, and you need to research different colleges, or if you are looking at the health care debate, we can help you," she says.

Library resources go beyond the physical building and materials. The library online catalog, articles and databases can be accessed from home or office via library.nd.edu. You'll be prompted to log in with your NetID and password.

"If somebody is taking a class and working on a bachelor's degree somewhere else, they might not realize that the resources they are using at the other school are available to them here free of cost," Shorey says. While the library does not currently offer any workshops or tutorials geared specifically toward staff members, Shorey wants staff members to know the library can help them, and she wants to know how the library can better serve staff.



Shorey

"At another library where I worked, someone mentioned he didn't know how to use LexisNexis," she says. "I offered to do a workshop on a Saturday or an evening. He got a few people together, I came in on a weekend, and

SERVICE ANNIVERSARIES

The University congratulates the following employees who celebrate significant anniversaries in November, including 30-year employees Douglas E. Bradley, Snite Museum of Art; Janet L. Dillon, South Dining Hall; Marlou J. Hall, School of Architecture; Carolyn M. Rush, integrated communication services, and Robert Wojtasik, preventive maintenance.

25 years

Brenda Durrenberger, transportation services Robbye L. Lennox and Marina B. Smyth, Hesburgh Libraries

Sandra L. Tharp, admissions Betty A. VanderBeek, development

20 years

Danny J. Bloss, Food Services Support Facility

Charlotte S. Ford, Hesburgh Libraries

Geary L. Locke, Notre Dame Conference Center

Eva E. Nance, institutional research

Anthony W. Williams, South Dining Hall

15 years

Henry G. Berry and Grant Mathews, physics

Nancy E. Cyr, admissions Sylvia D. Dillon, Campus

Ministry Charles R. Loving, Snite Museum

Kimberly S. Milewski, College of Arts and Letters

Sharon A. Nagy, development Elisa L. Podrasky, London

Undergraduate Program Marc Poklinkowski, South Dining Hall

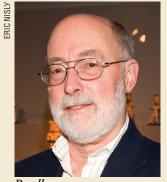
10 years

Joseph A. Bickel, LaFortune Student Center William D. Brovold, Office

of the Director, Maintenance Maureen Collins, Office of Graduate Studies

Charles Cowsert, Hesburgh Libraries

Patricia A. Ford, Career Center May L. Kwok, South Dining







J. Dillon





Services Support Facility Wendy M. McMillen, University Press

Daniel Reck, operations and engineering

Stephanie C. Reed, men's basketball

Matthew R. Simpson, public affairs and communication

Maria C. Weston, Mendoza College of Business information technology



one part of the picture, says Shorey.

"People can come to have a quiet place to read or stop at the information desk to find out something. They occasionally bring in their high-school age children who need to do research for school projects," she says.

The library builds its collection mostly to fulfill academic curriculum we went through it.

"I would love to know that our staff members are using the library, either physically or at home or at their offices if they need it. We have a lot of staff members at this institution, and that is a large body of people who could make use of the resources we have," she says.

DISCOUNTS, SERVICE

Faculty, staff and students are eligible to make personal hardware and software purchases through the Notre Dame Computer Store, ITC 103 or oit.nd.edu/store.

Purchases must be for personal use only, and payment must be made with a personal credit card, cash or check-FOAPAL numbers are accepted only for service repairs. Institutional purchases of hardware and software should be made through Procurement/buyND.

Educational prices for employees are available from preferred vendors Lenovo, Dell, and Apple Computer. Most computer orders include free ground shipping.

Discounts on computer accessories and peripherals are available through a partnership with Gov-Connection. Discounts are available on software as well, including a variety of titles from Microsoft and Adobe. Visit oit.nd.edu/store for information and links to vendors. The computer store also offers on-site repair service, including authorized warranty service for Lenovo, Dell and Apple.

Hall Jack E. Lolmaugh, Food



IRISH HEALTH

More than 1,100 employees explored benefits options at the Irish Health expo at Rolf's Sports Recreation Center in late October.

Upcoming Events

MUSIC

Unless otherwise noted, all performances take place in the Marie P. DeBartolo Performing Arts Center. For more information or to purchase tickets, visit **performingarts.nd.edu** or call 631-2800. Ticket prices are for faculty and staff, senior citizens and students of all ages.

Peter and the Wolf by the Quintet Attacca

7 p.m. Wednesday, Nov. 11, Leighton Concert Hall The voices of the instruments are the characters in the story, with the music of Prokofiev arranged for wind quintet. Characters may appear in costume too! Cosponsored by the Fischoff National Chamber Music Association and the DeBartolo Performing Arts Center Free but ticketed

The Metropolitan Opera:

Live in HD: Tosca—Puccini 1 p.m. Friday, Nov. 13 Browning Cinema The story of three people—a famous opera singer, a freethinking painter and a sadistic chief of police—caught in a web of love and politics. \$22/\$15

University of Notre Dame Chorale and Chamber Orchestra present God, Country, Notre Dame 8 p.m. Friday, Nov. 13, Leighton Concert Hall Works by Haydn, Tallis, Debussy and Bernstein. Presented by the Department of Music \$8/\$6/\$3

The Metropolitan Opera Live in HD: Turandot—*Puccini*

1 p.m. Saturday, Nov. 14, and 1 p.m. Friday, Dec. 11, Browning Cinema Director Franco Zeffirelli's breathtaking production of Puccini's last opera. Maria Guleghina plays a Chinese princess whose hatred of men is so intense that she orders beheaded all suitors who can't solve her riddles. \$22/\$15

'Sugar Wife' mirrors modern struggles

Play set in 1851 stays relevant to relationships today

BY JEREMY D. BONFIGLIO, FOR NDWORKS

Margaret Janiczek has been thinking a lot about choices lately—and not just her own. A Notre Dame senior, she has been trying to make sense out of the decisions at the heart of Elizabeth Kuti's "The Sugar Wife," the Department of Film, Television, and Theatre's production that opens Tuesday, Nov. 10, in the Decio Mainstage Theatre of the DeBartolo Performing Arts Center.

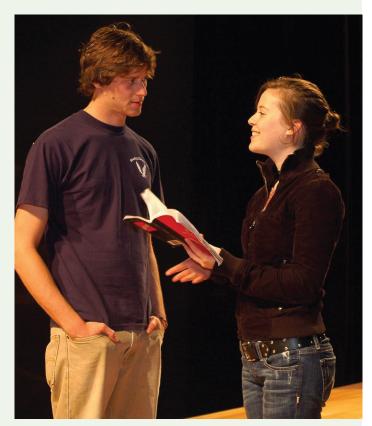
"It's been a process of searching and experimenting to find how I can fit into Hannah's shoes and make her make sense," Janiczek says of the play's lead character, Hannah Tewkley. "She experiences some radical changes and I have to make sure the audience follows her path and her decisions. One of the biggest challenges is putting a lid on my own rather optimistic outlook on life and allowing Hannah to really not know what will happen next, especially when the prospects aren't too savory."

"The Sugar Wife," which premiered in 2005 in Dublin, Ireland, juxtaposes religion and the ethics of business in an 1851 Irish Quaker community. At the heart of the play's moral dilemma are Hannah and her husband, Samuel Tewkley, played by Janiczek and fellow senior Robert Hannum. As the couple struggle to reconcile the simple ethics of their faith while running a successful business, Hannah insists they invite a former slave and an abolitionist into their home, where an unavoidable collision of culture, class and values ensues.

"It's not about race in the way you would suspect because it is set in Ireland and they don't have that same painful past as we do in America," says director Siiri Scott, who also coordinates the Acting and Directing track in FTT and prepares seniors for graduate studies in theater. "It's really about religion and hypocrisy and how we live out our faith.

"Although the play is set in the 19th century, I think that the relationship problems, obligations to parents, religion and society, business ethics and matters of fidelity that run through the play will connect deeply with a modern audience," Janiczek says. "Should you feel guilty about earning money when many have none? What if your conscience conflicts with your religion's teachings?

It's those questions, Janiczek says, that makes "The Sugar Wife" relevant to not only a modern audience, but to the campus community as a whole.



Seniors Margaret Janiczek (Hannah Tewkley) and John Maltese (Alfred Darby) rehearse "The Sugar Wife" in the Decio Mainstage Theatre. See performance times and ticket prices below.

Notre Dame Concert Bands Game Weekend Concert 8:30 p.m. Friday, Nov. 20, Leighton Concert Hall Featuring the Symphonic Band and Symphonic Winds Presented by the Department of Music \$5/\$4/\$3

DANCE

Flamenco Vivo! 7 p.m. Wednesday and Thursday, Nov. 18 and 19; 8 p.m. Friday, Nov. 20, Decio Manstage Theatre From renowned Flamenco master Carlota Santana comes El Corazón del Flamenco by Flamenco Vivo! a rhythmic romp of flamenco palos (styles) revealing the soul of this exciting traditional dance. Visiting Artist Series \$25/\$25/\$15

THEATER

The Sugar Wife 7:30 p.m. Tuesday, Nov. 10, through Saturday, Nov. 14, 2:30 p.m. To Be or Not to Be (1942) Nanovic Institute Film Series: European Shakespeare *7 p.m. Thursday, Nov. 12* An anti-Nazi satire set in occupied Warsaw, centering on the resistance of a Polish theater company.

Rape of Europa (2006)

6:30 and 9:30 p.m. Friday, Nov. 13 and Saturday, Nov. 14 The epic story of the systematic theft, deliberate destruction, and miraculous survival of Europe's art treasures during the Third Reich and the Second World War.

Amarcord (1974) PAC Classic 100/ Rediscovering Fellini 3 p.m. Sunday. Nov. 15 Fellini's Oscar-winning film follows the colorful, sometimes bizarre members of a small Adriatic village in the 1930s.

Still Walking (2009)

6:30 and 9:30 p.m. Thursday, Nov. 19 and Friday, Nov. 20

"Holiday Safety Tips" Noon to 1 p.m. Monday, Nov.16, Robinson Community Learning Center

Part of the Senior Citizen Monthly Lecture Series, sponsored by the Office of Community Relations, open to those 55 and older. RSVP to Amy, 631-3249, by Wednesday, Nov.11. Box lunches are provided from 11:30 to noon.

Lecture: "The Mayor of Hell?"

8 to 9 p.m. Monday, Nov. 16 McKenna Hall Come and meet John Fetterman, Harvard graduate and mayor of Braddock, Pa., the dead city he's determined to revive in a most unconventional way.

Christine Hume and Jeff Clark 7 to 9 p.m. Wednesday, Nov. 18 Hammes Notre Dame Bookstore Poetry readings by the authors, sponsored by the Creative Writing Program.

Cancer Care Lecture Series: Skin Cancer

6:30 to 8 p.m. Thursday, Nov. 19, Indiana School of Medicine Auditorium, 1234 Notre Dame Ave. Presented by Dr. Holly Harris, Dr. Lauren Cerullo, and Dr. Rudy Navari. Part of the community lecture series sponsored by the South Bend Clinic. RSVP to Margarette Phillips, 237-9201 or online at SouthBendClinic.com.

Science Lecture Series: "The Buzz About Fruit Fly Research" 11 a.m. to noon, Saturday, Nov. 21, Jordan Hall of Science Room 205 Michelle Whaley, associate professional specialist in the Department of Biological Sciences

Saturday Scholar's Series: "Understanding the Cultural, Religious, and Spiritual Lives of Emerging Adults (18- to 23-year-olds)" Noon, Saturday, Nov. 21, Annenberg Auditorium, Snite Museum of Art Christian Smith, William R. Kenan Jr. Professor of Sociology

Visiting Artist Series: Idan Raichel Project

7:30 p.m. Saturday, Nov. 14, Leighton Concert Hall An Israeli musical collaborative that combines Ethiopian folk music, Arabic poetry, Biblical psalms and Caribbean rhythms. \$22/\$22/\$15

Notre Dame Concert Bands Fall 2009 Concert

3 p.m. Sunday, Nov. 15, Leighton Concert Hall Featuring the Symphonic Band and Symphonic Winds Presented by the Department of Music Free but ticketed Sunday, Nov. 15, Decio Mainstage Theatre Set in 1851 in a Quaker community, the drama revolves around the moral dilemmas facing a couple as they struggle to reconcile their faith while running a successful business against a backdrop of poverty. Presented by the Department of Film, Television and Theatre \$12/\$12/\$10

FILM

Unless otherwise noted, films are screened in the Browning Cinema, DeBartolo Center for the Performing Arts. Tickets are \$5 for faculty and staff, \$4 for seniors and \$3 for students. Director Kore-Eda Hirokazu's exquisitely detailed family drama shines with warmth and understanding.

La Strada (1954) Pac Classic 100/ Rediscovering Fellini 3 p.m. Sunday, Nov. 22 Gelsomina is sold by her mother into the employ of Zampan, a brutal strongman in a traveling circus.

LECTURES AND EVENTS

Science Lecture Series: "The Physics of Angels and Demons: Notre Dame at the Large Hadron Collider" *11 a.m. to noon, Saturday, Nov. 7* Room 101, Jordan Hall of Science Mike Hildreth, associate professor of physics



Even Fridays! Family Tennis Clinic 5:30 to 7:30 p.m. Friday, Nov. 13, Eck Tennis Center

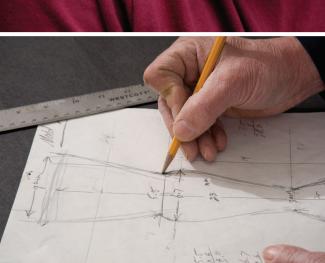
Family FIRST

Family Cardio—for parents and children ages 6 to 12
2:30 to 3:30 p.m. Sunday, Nov. 8, Rockne Memorial
Family Stationary Cycling—for parents and children ages 13 to 18
Sunday, Nov. 15, Rockne Memorial

These events are free, but pre-registration is required. Visit **recsports.nd.edu** and click the RecRegister link.

The work of Bill BE BY CAROL C. BRADLEY

Sculptural Vessels Snite Museum of Art Mestrovic Gallery Nov. 1 to Dec. 20







His ceramic sculptures are dynamic and gestural, and reference the human form in both shape and scale.

Recent work of 36-year art, art history, and design faculty member Bill Kremer will be on exhibit in the Snite Museum of Art's Mestrovic Studio Gallery through Dec. 20.

The sculptures—which are mold-cast, then altered and painted with brushstrokes of slip—are fired to 2,500 degrees in a 30-foot-long anagama (single chamber) wood-fired kiln on Kremer's two-acre property in rural Cassopolis, Mich. The glaze is created by wood ash that covers the pieces in the process of firing.

The exhibition is accompanied by an illustrated catalog on Kremer's work and working methods, written and photographed by Eric Nisly.

