

Diagnosed with leukemia, staffer needs bone marrow transplant

Looking for a cure

BY CAROL C. BRADLEY, NDWORKS

About a year ago, **Ray Vander Heyden**, assistant director of career services, got a call from his doctor over the weekend. "That's never a good thing," he says.

He'd gone in for a routine physical, including some blood tests, and found out his white cell count was down. He was referred to an oncologist who performed a bone marrow biopsy. "I saw him Monday, and on Tuesday I was in the hospital getting chemotherapy," Vander Heyden says.

The diagnosis was acute myelogenous leukemia, a cancer of the blood and bone marrow that strikes nearly 13,000 people in the U.S. each year.

This spring, he developed a blood clot in his leg. "They did more blood work, and found out the leukemia was back," he says.

Now the hope for a cure lies in a bone marrow transplant.

Everyone should be tested

"We can cure half to 80 percent of patients with leukemia with bone marrow transplants," says Dr.

Rudolph M. Navari, clinical director of Notre Dame's Harper Cancer Institute.

Bone marrow donations must come from a close genetic match. Vander Heyden's sister, his only sibling, is not a match. But he's one of the lucky ones: Potential matches have been located in the "Be The Match" National Marrow Donor Program.

"If you have a list of five or 10 million potential donors, you may find a gene combination that is very close to the patient, maybe even closer than a sibling," says Navari. "That's why it's important to get as many people tested as possible."

Currently, people are more likely to find a match if their gene type is a common one, Navari adds. "If your ancestry is Caucasian Anglo-American, the chances of you having a close match are pretty good. If one parent was African-American and the other from Honduras, the odds are low."

The larger the list, the better the chances of a potential match, he notes. "That's why we want everyone to be a bone marrow donor. You'll regenerate the donated cells within a few months, and you could save somebody's life."

'Be The Match' and save a life

What does it take to be a marrow donor? You must be between 18 and 60 years old, be willing to donate to anyone in need and meet certain health guidelines.

Registering to be a bone marrow donor is simple. Visit join.marrow.org/LifeSource, the site for Life Source, Chicago's nonprofit blood center, and register online. You'll answer some health questions, and if you qualify, you'll

receive an envelope with a cheek swab in the mail. Swab your cheek and return the envelope—that's all there is to it.

It costs approximately \$100 per person to do the tissue typing necessary to add a person to the registry. LifeSource uses a "pay it forward" system—you decide what you can afford to pay, with the hope that others will donate more. You may also choose to



CAROL C. BRADLEY

"adopt a donor," by making a gift to cover the costs of testing for others. All donations are tax deductible.

Many people are unaware that 75 percent of bone marrow donations today involve peripheral blood stem cell donations, which do not require surgery. For more information on bone marrow donation and the national registry program, visit marrow.org.

Ray Vander Heyden, with his father, Al, 89. The two can often be found having lunch in Grace Hall's Café de Grasta. Vander Heyden retired from the corporate world and returned to South Bend because "I thought my dad could use some help," he says. "Now it's me relying on family and friends."

LED light fixtures light up the night, not the sky



PHOTO PROVIDED

New lights require less energy, last longer

BY RACHEL NOVICK, OFFICE OF SUSTAINABILITY

Notre Dame's **Utilities Department** recently retrofitted 121 outdoor campus light fixtures with high-efficiency LED technology.

Displaying the new LED light fixtures, at left (in blue shirts) Steve McCombs and Ruben Moreno of Sternberg Lighting with (in front, left to right) Joe Springstead, Jerry Zerkle and Don Burns; at rear, Tim Golichowski, left, and Dan Younggreen, all of Notre Dame's utilities department.

The new lights are located along Holy Cross Drive and Notre Dame Avenue and surrounding Jordan Hall of Science. They use 69 percent less energy and last seven times longer than the old metal halides, so the benefits of reduced energy consumption and maintenance costs as well as University-wide sustainability efforts are obvious.

Less obvious are the benefits to those who use the observatory at Jordan Hall. The old light fixtures had glass tops, with the result that approximately 30 to 50 percent of the total light output was directed upward, making it more difficult to see the stars. The new LED fixtures have solid tops with optics allowing only 0.5 percent of the total light output to be

directed upward.

"The new lights are a huge improvement," said Peter Garnavich, professor of astrophysics. "People at the observatory no longer directly see the bulbs, so all the light reaches the observatory indirectly. And the amount of light going straight up is much reduced." The new fixtures also meet LEED green building requirements for minimizing light pollution of the night sky.

"The light fixtures retrofitted thus far reduce campus carbon emissions by 43 metric tons per year," said Tim Golichowski, chief electrical engineer in the Utilities Department. "And they save enough energy in one year to power five average-size homes."

The LED light fixtures, designed and manufactured by Sternberg

Lighting, are now standard for new construction projects on campus, and have been installed surrounding Ryan Hall, Geddes Hall, Stinson-Remick Hall and multiple athletic facilities. All of the light fixtures along the sidewalks in Eddy Street Commons also utilize LED technology and were designed and manufactured by Sternberg as well.

The retrofit project was funded by the Office of Sustainability's Green Loan Fund, with an estimated payback of 10 years. The payback for LED light fixtures in newly constructed areas is six years.

Inside »



ANDkids Film Festival Page 2



Desert to Dome Page 3



Students in Uganda Page 4



Holy Cross history Page 8

NEWS BRIEFS

ANDKIDS WORLD FILM FESTIVAL

The second annual **ANDkids World Film Festival** takes place Wednesday through Saturday, July 21 through July 24, at the DeBartolo Performing Arts Center. The free festival welcomes children of all ages to experience the world through the eyes of children and youth through the universal language of film. Children are invited to express their originality in hands-on activities and film discussions.

The opening night special event showcases 1924's silent film **Peter Pan**, with a world-premiere film score by composer Larry Schanker. A film-scoring workshop with Schanker immediately follows. Other events include an outdoor showing of **A Town**



"Creature Comforts," top, and "Turtle: The Incredible Journey"

Called **Panic** at dusk Friday, July 23, and other films including **Turtle: The Incredible Journey**, 3 p.m. Thursday, July 22, which tells the story of a loggerhead turtle as she follows the path of her ancestors on one of the most extraordinary journeys in the natural world, and **The Kids Stay in the Picture**, 6:30 p.m. Saturday, July 24, the introduction and screening of a short film made by kids during this year's festival.

Other special events include **The Magic of the Movies**, an interactive workshop that explains what happens behind the scenes when making a movie. Kids will also have the chance to vote to determine their favorite film, with the award to be announced at the conclusion of the festival.

For a complete list of film screenings and events, visit performingarts.nd.edu/andkids or call the ticket office, 631-2800.

IN MEMORIAM: MATH PROFESSOR PIT-MANN WONG

The University community is saddened by the loss of **Pit-Mann Wong**, 61, professor of mathematics since 1980. Wong, who devoted his career to the study of complex analysis and complex geometry, died of liver cancer on July 3 in South Bend. He is survived by his wife of 34 years, Priscilla Wong, associate director for administration, Campus Ministry; son Ping-Yu Wong; and daughter Dr. Serre-Yu Wong. Memorial contributions may be made to the University of Notre Dame Pit-Mann Wong Memorial Fund, c/o Carol Hennion, 1100 Grace Hall. The fund will be dedicated to the promotion of excellence in teaching and educating undergraduate and graduate students.

AVE MARIA PRESS TEAMS WITH HAIR SALON TO HELP WITH GULF SPILL

Mark Witbeck, owner of Granger's SportsClips hair salon and Ave Maria Press' director of change management, saw the disaster in the Gulf of Mexico as a call to action, noting that hair is an excellent oil absorber. Ave Maria Press, in keeping with the company's Catholic commitment to serve the needs of the community, paid shipping costs to transport hair collected at SportsClips and other salons across the country to the gulf, where it will be stuffed into used nylons and used as booms to soak up oil.

KRAEMER APPOINTED VP AND CIO

Ronald D. Kraemer has been appointed vice president and chief information officer at the University, effective Aug. 15. Kraemer comes to the University after serving 14 years at the University of Wisconsin, most recently as chief information officer and vice provost for information technology. Kraemer will lead all aspects of the Office of Information Technology and its staff of more than 200.

KOLATA RECEIVES NSF AWARD

James Kolata, professor of physics, has received a new three-year award of \$1,135,000 for his project "Nuclear Reaction and Structure Studies with Radioactive and Stable Beams" from the National Science

Foundation. The research involves the study of nuclear reactions utilizing beams of short-lived radioactive nuclei, together with the development of instrumentation and techniques to facilitate these investigations. The project, a collaboration between physicists at Notre Dame and the University of Michigan, may have applications for national-security programs.

DERENGOSKI TO DIRECT RECSORTS

Sally Derengoski has been appointed director of recreational sports. Derengoski will be responsible for all areas of RecSports programming as well as the department's facilities, including Rolfs Sports Recreation Center, the Rockne Memorial and Rolfs Aquatic Center. More than 94 percent of the student body participates in what is considered to be one of the top campus recreation programs in the country.



NEW BOOK ON SIMONE WEIL CONTRIBUTES TO UNDERSTANDING OF VIOLENCE, PEACE

Notre Dame Press has published "Simone Weil and the Specter of Self-Perpetuating Force," (\$30) by **E. Jane Doering**,

concurrent associate professor and executive coordinator of the Teachers as Scholars program in the College of Arts and Letters. The book examines and analyzes the material in Weil's notebooks and lesser-known essays to illuminate her evolving thought on violence, war and injustice.

Register now for 2010-11 parking permits

Current parking permits expire Aug. 20. To obtain a 2010-11 parking permit, access the **IND-CARS** online parking application through inside.nd.edu under the "My Resources" tab.

The site offers online registration, access to your current parking citation history, and the ability to appeal citations online or check the status of an appeal. You must have your current license plate number to register.

Hybrid/LEV (Low Emission Vehicle) is now a choice in the "model" section when registering. Please visit greencars.org to see if your vehicle qualifies. A downloadable spreadsheet of 2000-2010 LEED certified vehicles is available under "news and documents." The LEV tags, administered by the Office of Sustainability, are issued in addition to the regular parking permit.

Paper registration forms will be sent to retirees who currently have an "R" decal, but the forms should be used only by those unable to access the online system. If you have questions regarding retiree or emeriti parking, contact parking services at 631-5053 or email parking@nd.edu.



MANAGING EDITOR
Carol C. Bradley

CONTRIBUTING WRITER
Colleen O'Connor

GRAPHIC DESIGNER
Kristina R. Craig,
Kreative Concepts

COPY EDITORS
Brittany Collins
Jennifer Laiber

EXECUTIVE EDITOR
Gail Hinchion Mancini

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 NDWorks or the administration. 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.



Interactive pension estimate tool for non-exempt staff

Will estimate benefits at any future date

A new interactive tool, **Your Pension Resources (YPR)**, is on the way for non-exempt staff members who participate in the University Employees' Pension Plan. The tool is offered through the University's contract with pension plan administrator Hewitt Associates.

YPR is a new web-based tool that lets you estimate your pension benefit on any future date.

The pension benefit is designed to provide eligible participants with a guaranteed monthly income at retirement age. Calculation of benefit payments is based on the plan formula and other provisions, taking into account factors such as years of service, age and earnings. You will be able to run as many "what if" projections as you wish, at any time, to compare the effect that different retirement dates might have on your potential future benefit.

Prior to the rollout, pension plan participants will receive a letter directly from Hewitt Associates that includes information and a secure personal password for accessing YPR. Human Resources will provide participants with a list of frequently asked questions and a "How to Use YPR" tutorial guide. Human Resources will also offer training and support related to YPR on an ongoing basis.

Hewitt Associates will issue paper pension statements one last time, in late fall. Staff members will be notified before the statements are mailed.

Look for more information over the coming weeks. If you have questions, please contact askHR at 631-5900.

1,000 MILES TO WORK AND BACK

Jim Stevens, a North Dining Hall staffer, has biked 1,000 miles to work since spring. Stevens, who bikes round trip from Niles, Mich., was greeted at the 1,000-mile mark by Executive Vice President **John Affleck-Graves**; **Jim Lyphout**, vice president, Business Operations; **Jim Yarbrough**, Food Services' associate director of operations; and **Mike McCauslin**, assistant director of Risk Management and Safety, in his capacity as mayor of Niles.

Desert to Dome

Science dean to bike
2,200 miles for kids

BY JULIE HAIL FLORY,
PUBLIC RELATIONS

For Greg Crawford, dean of Notre Dame's College of Science, this will be no ordinary summer break. He and his wife, Renate, will embark July 24 on a 2,200-mile cross-country road trip—not in the family car, but on their bikes. They will ride from Tucson, Ariz., to the Notre Dame campus, all in the name of research for a rare disease that tragically strikes mostly children.

"Desert to Dome: Riding for the Lives of Children" will take the Crawfords across seven states in 29 days, with stops along the route to visit Notre Dame Clubs and cycling groups. The ride is in celebration of the University's newly strengthened partnership with the Ara Parseghian Medical Research Foundation, through which Notre Dame will support and advance research to find treatments, therapies—and ultimately a cure—for Niemann-Pick Type C (NPC), an extremely rare and deadly neurodegenerative disease that primarily strikes before or during adolescence.

The Parseghian Foundation is named after former Notre Dame head football coach Ara Parseghian, who lost three grandchildren to NPC. The Foundation is a nonprofit organization dedicated to funding research for the disease and other related disorders.

"I'm not going to solve any problems on the science part as a physicist," Crawford said, "so this is a small thing I can do—riding across the country and bringing visibility to this new partnership and the new model that we're going to develop

between the Parseghian Foundation and Notre Dame."

Not such a small thing when you consider the summer heat and 3,500-foot incline the couple will face along the way, but they've been working hard to get in top shape for the trip.

"We've been doing a lot of training, getting up at 4:30 in the morning and training for hours, going to work and then training afterward," Renate Crawford said of the preparation. "We feel ready to go and a little anxious actually to get started, so I think it will be great."

Along the way, the Crawfords will be accompanied by a van sporting the Desert to Dome logo to draw attention to their cause and store bike parts and supplies.

"Business Operations has been

integral to the Desert to Dome bike ride," Dean Crawford said. "They quickly secured a vehicle that will transport our equipment safely and comfortably. The vivid yellow design on the vehicle will let everyone from Tucson to South Bend know

that Notre Dame is leading the effort in finding a cure for Niemann-Pick Type C disease."

When the Crawfords return to campus on Aug. 23, it will be mission accomplished for their remarkable ride. But, as Dean Crawford is quick

At right, Crawford and wife Renate.

Below, Crawford, second from right, poses with Transportation Services staff in front of a support van provided by Business Operations. "I felt the project was important to Notre Dame and those afflicted with Niemann-Pick Type C, and wanted to participate in any way possible," says Jim Lyphout, vice president for Business Operations.



PHOTOS: MATT CASHORE



to point out, it will be just the beginning of a newly energized challenge for Notre Dame researchers.

"Because of Notre Dame's connection with the Parseghian family and Coach Parseghian, it's a very special mission for our scientists," he said.

"We'd really like to be the ones to collaborate with the Foundation and others around the country to solve, treat and cure this disease in the future."

The Crawfords will chronicle their trip online at deserttodome.nd.edu.

Health Advocate offers help navigating the system

New benefit is free,
complements existing plans

FROM THE OFFICE OF HUMAN
RESOURCES

Notre Dame faculty and staff often use valuable time and energy navigating the health care system.

Since July 1, benefit-eligible full-time and part-time employees have access to Health Advocate Inc., professional health specialists who provide free, confidential 24-hour assistance on questions involving medical, hospital, dental, mental health, medication and other health care issues.

Health Advocate is an independent organization staffed by health care professionals—nurses, doctors, psychologists and administrators—whose expertise is solving health care issues.

Information packets were mailed in late June to faculty and staff homes. For more information, visit healthadvocate.com/notredame or the Office of Human Resources website, hr.nd.edu. All family members—including employees, spouses, dependent children, parents and spouse's parents—are eligible to use the service.

The goal of Health Advocate is to maximize health benefits. The service



complements Notre Dame's strong benefits program by helping employees identify appropriate doctors, specialists and treatment facilities, and can help with appointment details. It advises on complex health care issues, including coverage stipulations, and can cut through red tape by questioning coverage denials and investigating billing problems. Health Advocate can also help make care decisions for aging parents.

To use the service, make a personal contact with Health Advocate by phone at 888-695-8622. You will be assigned an individual Personal Health Advocate to manage your case.

Health Advocate can help make care decisions for aging parents.

Contact Health Advocate to:

- Find a new physician or specialist
- Question an insurance claim or coverage issue
- Negotiate a complex medical issue
- Find services for elderly parents
- Resolve billing problems
- Seek a second opinion
- Anticipate the costs of a procedure

Coming this fall—travelND

Travel, expenses simplified

Business travelers at Notre Dame soon will have an integrated online tool to make travel plans and follow up with expense reports.

Called **travelND**, the program will be managed through Procurement Services and includes the implementation of an online travel and expense reporting system; the replacement of the current American Express Travel Card with a JPMorgan Chase Visa card; and the addition of a procurement specialist dedicated to negotiating and managing travel-related contracts. **TravelND**, which will officially roll out with a pilot program this fall, will offer campus users:

- The choice to book travel using the online system or calling Anthony Travel, both offering Anthony Travel's support and access to negotiated travel vendor discounts
- An electronic expense reimbursement system to replace the current paper-based system
- A new travel card, with the widely accepted JPMorgan Chase Visa card replacing the current American Express travel card

More information on the program will be available in future campus communications. Look for the announcement in **The Week @ ND** for the launch of the **travelND** website.

Architecture students help build school in Uganda

Using their talents to fund-raise—and improve design

BY KAREN VOSS, SCHOOL OF ARCHITECTURE

University of Notre Dame School of Architecture students have teamed with Building Tomorrow Inc. (BT) to design, fund and build a much-needed school in the Kiboga district of Uganda, Africa.



Rising fourth-year architecture student Whitley Esteban shares her sketchbook with a young Ugandan boy named Paolo.

BT is an international social-profit organization that encourages youth philanthropy to build educational infrastructure projects for underserved children in sub-Saharan Africa. BT currently works in Uganda, identifying areas with the greatest number of children who have the least access to a primary school.

Notre Dame's involvement began last year when student Elijah Pearce, B.Arch '09, attended a talk by BT president George Srour and decided

to recruit fellow students to join their efforts. Over the next year Pearce, with the generous funding of Matthew and Joyce Walsh, brought together a group of six Notre Dame Architecture students to build the new school.

"With this project we were acting on two fronts," Pearce said.

"We were trying to fundraise for a school in an underserved area of Uganda, and we were also looking,

as architects, to see how we could improve the school's design."

The students' design takes advantage of cross-breezes to cool the building naturally. It is also oriented for optimal solar angles, minimizing the need for heating.

The school's roof collects water, and vent details have been added to the walls to enhance the design visually while improving the overall ventilation system. Perhaps most significantly, the students will be building with newly adopted interlocking soil-stabilizing bricks that reduce the need for mortar, produced on site entirely from local materials.

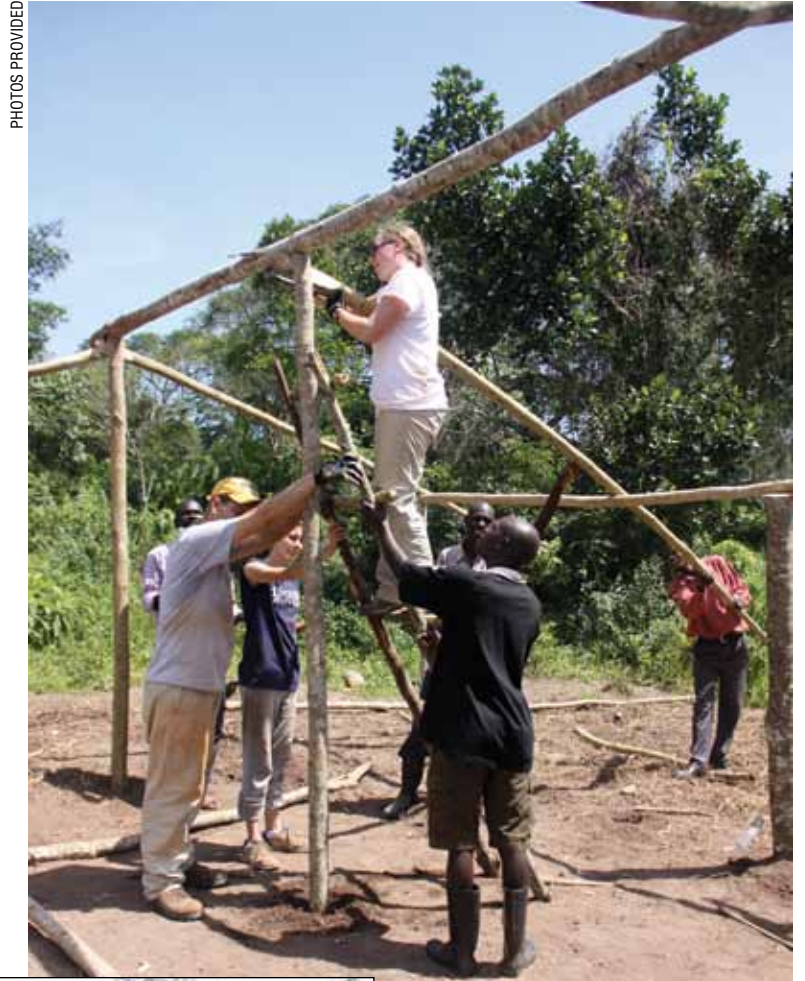
The school, to be named the Academy of Kyeitabya, will be BT's ninth in Uganda. Once open, the

BT Academy of Kyeitabya will join the nearly completed BT Academy of Sentigi as the second location supported by Notre Dame.

When talking about the project, the students emphasize the opportunity to give back through architecture. "We've been given a tremendous educational gift, and can now make a practical application of what we've learned here at Notre Dame," said fifth-year student Mallory Mecham.

Adds fellow student Tim Reidy, "Nobody felt obligated to take part in this project. Nobody needed course credits. But we all felt obligated through our conscience."

Updates from the students' time in Kyeitabya are available online at buildingtomorrow.org/blog.



PHOTOS PROVIDED



Above, recent architecture graduates James Michael, Deirdre Connell and Mallory Mecham (standing) begin work on a shelter building in Uganda.

At left, students from the School of Architecture work to backfill a foundation wall for a school they designed and began constructing in the Kiboga district of Uganda.

TRANSITIONS



CAROL C. BRADLEY

Cottrell



ERIC MISLY

Moriarty



ERIC MISLY

Welsh

Lt. Pat Cottrell, at left, retires this month after nearly 20 years as an ND security police officer—following a 21-year career on the South Bend force;

Steve Moriarty, center, has retired after a 20-year career at the Snite Museum, first as museum photographer, later as curator of photography; Jacqueline Welsh, the Snite's curator of education, public programs, has retired after nearly 10 years of promoting museum education to community audiences.

GRAFFITI ART PROJECT 2010

Students' work on display

Works from the **Graffiti Art Project (GAP)** will be on display Aug. 6 through 28 in Crossroads Gallery, Notre Dame Downtown, 217 S. Michigan St., South Bend.

GAP is a summer-long program designed to provide an outlet for South Bend students ages 10 to 17 with an interest in art. This year, nearly 75 students participated in the program, a joint effort of the South Bend Police Department, the Hispanic Leadership Coalition, the Institute for Latino Studies, La Casa de Amistad and the Robinson Community Learning Center.

The public is invited to an opening reception, 5:30 to 7:30 p.m. Friday, Aug. 6.



A painting produced by Jeremy, a participant in the 2009 Institute for Latino Studies Graffiti Art Project.



PHOTOS: CAROL C. BRADLEY

TRIO PROGRAM

The **Educational Talent Search (TRiO)** annual summer program was on campus June 7 through July 1. Fifteen middle school students from South Bend and Elkhart took part in language arts and math enrichment classes at Pasquerilla Center, as well as learning about careers in health and wellness. At left, Brianna Brown, Elkhart (left), and Crystal Hogan, South Bend, taught by Patrick Cain '07 (inset photo), a 2010 graduate of the ACE program, act out descriptive verbs "yelled" and "argued." Brown and Hogan will enter eighth grade this fall.



ND Institute for Advanced Study



Hösle

MATT CASHORE

in scope. The institute's first conference, held earlier this year, focused on the nature of beauty. The three-day event brought to campus eminent scholars including Maxim Kantor, acclaimed Russian painter, novelist and essayist, as well as anthropologists, artists, composers, economists, historians and theologians from universities around the world.

"We try to create an engaging relationship with the visiting scholar and students and faculty," says Hösle. "Maxim's visit

crossed a number of interdisciplinary boundaries; he delivered a series of lectures dealing with political life in Russia, which drew in the German and Russian language departments and fellows from the Nanovic Institute. He also presented a lecture and demonstration at the Snite Museum of Art, and spent a day doing critiques of graduate students' work in the Department of Art, Art History, and Design."

Interaction across disciplines and national boundaries is critical to the University's continued success as a premier international research university, says Hösle.

Plans for the 2011 conference, focused on the nature of goodness, are already under way. The conference will address significant questions such as the nature of values, biological factors that have rendered the evolution of moral behavior possible and how engineering can contribute to a better world.

Two forthcoming NDIAS publications will serve as resources for scholars and the public: "The Idea of a Catholic Institute for Advanced Studies," and a collection of essays presented at the January conference.

This year, the institute will partner with the College of Arts and Letters to offer faculty the opportunity to connect the conferences with the College Seminar (CSEM), a course designed to help first-year students develop engaging thinking, oral and debating skills.

"The institute provides an atmosphere where the most talented graduates and undergraduates develop pleasure in the life of the mind," says Hösle. "It's important to stay in touch with students because they inspire you not just with their knowledge, but with their questions."

CONTACT US!

SUBMIT STORY IDEAS,
QUESTIONS AND COMMENTS
TO NDWORKS@ND.EDU
OR CONTACT
CAROL C. BRADLEY,
631-0445 OR
BRADLEY.7@ND.EDU.

Office of Undergraduate Admissions increases efficiency by cutting paper usage

OnBase software helps Admissions go green

BY JULIE ZORB '11, FOR THE OFFICE OF SUSTAINABILITY

Last year, the Office of Undergraduate Admissions was able to dramatically increase efficiency and improve customer service by implementing a new software system that does away with paper files.

"We would never go back to the old way," says Mike Seeley, associate director and technical analyst for the office.

With the traditional paper file system, the admissions office kept physical copies of every portion of a student's application. Even applications submitted online were printed and filed in row upon row of file cabinets that lined the walls of the office.

The new OnBase software system, created by Hyland Software, allows the office to collect all parts of a student's application in a digital database.

The admissions office heard about the software through peer institu-

tions such as Stanford, Georgetown and Johns Hopkins. Some universities, such as Stanford, no longer accept paper applications at all. Although Notre Dame still accepts paper applications, the admissions office strongly encourages students to use the online application system. Approximately 95 percent of applications are currently received online.

Some supporting documents such as letters of recommendation still arrive in paper format, but these documents and any paper applications are immediately scanned into the OnBase system. The original paper copies can then be recycled.

The office estimates that the software will save more than 300,000 sheets of paper—the equivalent of 36 trees—annually. Cutting out paper also cut costs: The savings in paper supply alone totaled about \$2,000 this year.

Staff members cite even greater benefits in terms of customer service and workload management. Under the old system, it could take more than two weeks to sort through the paper applications and supplemental forms received on Dec. 31, the

deadline for regular admission. It could take days to confirm whether the office had received a particular document.

"Now, if a parent calls to ask if we've received a part of their child's application, our staff can find the documents almost before the parent has finished asking the question," says Bob Mundy, director of admissions operations.

There have been other benefits as well. "It was amazing how quiet the office was after the switch," Mundy adds. The constant hum of the printer and the regular slamming of file cabinet drawers were gone.

Julia Bruckert, lead application developer for enterprise systems (OIT), who worked with the admissions to select and implement the OnBase software, suggests that other offices on campus could follow the admissions office's lead on cutting paper.

The Office of Student Financial Services is already in the process of switching to OnBase, and the general counsel's office recently decided to introduce the software to manage its conflict-of-interest files.

Research improves well-being of children and families

New CCF studies target childhood obesity, maltreatment

BY RENEE HOCHSTETLER, OFFICE OF RESEARCH

With the new **Family Lifestyles** and **Heart to Heart** projects, researchers at Notre Dame's Center for Children and Families are taking direct aim at two major obstacles to healthy child development: childhood obesity and child maltreatment.

The Center for Children and Families, established in 2001 by Professors John Borkowski and Mark Cummings, works to improve the well-being of children and families through research and intervention.

Projects affect three key areas: income and health disparities; developmental disabilities and psychopathology; and optimization of development, education and learning. The center is currently conducting more than 20 research projects with faculty from economics, sociology, psychology, anthropology, business and other disciplines.

"When you have a research center, you're bringing in people who have different interests and experiences," says Julie Braungart-Rieker, professor of psychology and the center's director. "Yet there's often a common issue that researchers would like to tackle, and that's when it gets exciting."

The **Family Lifestyles Project**, led by Braungart-Rieker; Jennifer Burke Lefever, research assistant professor of psychology; and Elizabeth Moore, associate professor of marketing, is an interdisciplinary study that examines environmental contributors to childhood obesity. At



Braungart-Rieker

MATT CASHORE

a time when one in five preschoolers is at risk of becoming obese before age 6, a study of this kind is an essential first step to creating successful early intervention programs.

Participants include a diverse set of families with children ages 3 to 5. The research team looks at factors like family dynamics, physical activity, children's self-control skills and large-scale issues such as the impact the media has on a family's food choices.

Families visit the center's lab once, and the team visits family homes twice to study child behavior, talk with parents and evaluate the environment, noting contents of cupboards and proximity of fast-food restaurants and convenience stores. Cultural distinctions are important, and work is done in part by family coaches who are familiar with and sensitive to participants' cultures.

The **Heart to Heart Project**, led by Kristin Valentino, assistant professor of psychology, is an intervention program that aims to relieve the emotional, social and cognitive effects of abuse and neglect in preschool-aged children.

The project seeks to determine whether coaching mothers on how best to communicate with their children about daily experiences and emotions will improve a maltreated child's development.

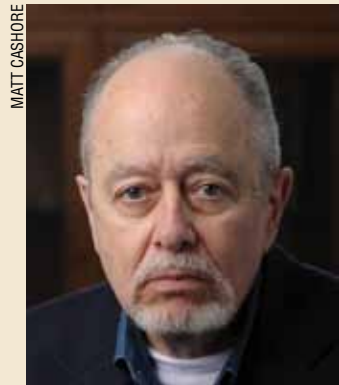
Participants are families with children ages 4 to 6 who have open cases with the Department of Child Services for substantiated child maltreatment. In order for Valentino's team to observe effects of intervention, half the participants receive coaching right away and the other half receive coaching after six weeks.

Family coaches visit homes once a week for four weeks, teaching parents communication skills like asking open-ended questions and discussing what their children were feeling and why. Together, the coach and the mom review videotaped sessions of the mom practicing new skills, so she learns to evaluate herself.

"The intervention really builds on the resilience literature," said Valentino. "Fostering the parent-child relationship and communication are what lead to change and positive development."

SERVICE ANNIVERSARIES

The University congratulates the following employees who celebrate significant anniversaries in July, including 30-year employees **G. Robert Blakey**, Law School, **Gloria J. Cross**, Hesburgh Libraries, **Stella L. Kirkman**, custodial services and **Steven C. Warner**, campus ministry.



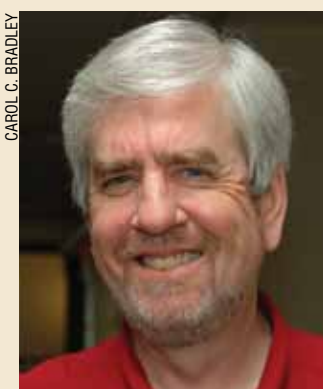
Blakey



Cross



Kirkman



Warner

20 years

Deborah A. Blasko, Center for Social Concerns
Bartley A. Burk, Hesburgh Libraries
Mary Ann Clark, Office of Research
Nancy K. Davis, aerospace and mechanical engineering
Timothy L. Hoepfner, fire protection
Jesse J. Huerta, preventive maintenance
John M. Millar, track and cross country
Kenneth A. Miller, fire protection
David R. Prentkowski, Food Services
Joanne H. Shellman, development
William A. Shoumake, Loftus

15 years

Pamela S. Chu and **Cecil M. Joiner**, Hesburgh Libraries
Olivia R. Constable, history
Jeffrey J. Duval, athletic grounds
Diane M. Gram, Hesburgh Libraries
Kenneth J. Hendricks, development
Scott R. Howland, Office for Students with Disabilities
Joan J. Huang, operations and engineering
Angela M. Kindig, archives
Aurelia E. Marina, Food Services
Slavi C. Sevov and **Richard E. Taylor**, chemistry and biochemistry
Thomas L. Stober, accountancy
Brenda S. Tucker, investment office
Jenna M. Zook, St. Michael's Laundry

10 years

Amparo Alban, Pamela F. Forizs, and **Francisco Medina**, Food Services
Robert H. Battalio, finance
Jennifer Brcka, Hesburgh Libraries
Michael P. Brey, Men's Basketball
Tracy L. Cabello, electrical engineering
Vandhana M. Chari, biological sciences
Virjilio Echevarria, custodial services
Christopher R. Fruehwirth, operations and engineering
Kathleen A. Fulcher, Alliance for Catholic Education
James B. Lewis, student affairs
Barbara J. Luter, ND Center for Liturgy
Gail H. Mancini, internal communications
Michael P. McNally, computer science and engineering
Krys I. Montague, Office of the President
Christina L. Negri, asset management
Abdul R. Omar, Kroc Institute
Tammy S. Patterson, St. Michael's Laundry
Jessica R. Rutledge, custodial services
Michael M. Seeley, admissions
Joseph W. Springstead, preventive maintenance
Margaret A. Strasser, University counseling center
Jeanette M. Torok, history
Tammy D. Vargo, information technology
Sara B. Weber, Hesburgh Libraries

Golf Cart Safety

Training is mandatory

BY COLLEEN O'CONNOR, FOR NDWORKS

In July 2007, the **University Motorized Off-Road Vehicle Policy** was adopted. The purpose of the policy is to ensure the safe and efficient operation of motorized off-road vehicles (MOVs). These include golf carts, Cushman vans, Bobcat utility carts, gators and ATVs. Highlights of the policy are:

- University MOVs are to be used for business purposes. Other "responsible usage" may occasionally be appropriate.
- Training is required for all individuals, including faculty, staff and students, who drive a golf cart or other MOV on University grounds. Training is provided by the Department of Risk Management and Safety online at riskmanagement.nd.edu/training/motorized-off-road-vehicle-training.
- All MOVs, leased, rented or owned by the University, must be registered with Transportation Services. Contact Brenda Durrenberger at bdurrenb@nd.edu or 631-6467. Note: MOVs used exclusively for golf course purposes that do not leave golf course grounds are exempt from registration.
- MOV operation on city streets and roads is prohibited.
- MOVs may be operated on campus roads and sidewalks.
- Operators must be at least 18 years of age.
- Neither smoking nor alcohol consumption is allowed.
- Recreational headsets and cell phone usage are prohibited while driving.
- All newly acquired MOVs must have headlights and taillights, a horn or warning device, mirrors and back-up alarms.
- All accidents and/or damage must be reported to NDSP, Transportation Services and the Department of Risk Management and Safety. Information about the University's golf cart program can be found on the Transportation Services website (transportation.nd.edu).

New phishing scam

Your inbox isn't full

BY LENETTE VOTAVA, OIT

One of the newest phishing scams to show up in campus email inboxes states that your email box is full or has exceeded its size limit. The message also contains a link to click on to validate your mailbox to make more space available. DO NOT click on the link. Just delete the email.

Phishing is one of the most common forms of identity theft. A message is sent as spam or a pop-up from someone pretending to be a financial institution or organization, and requests personal information or asks you to click on a link in the message. Be aware that this is an attempt to steal your personal information (account, password, etc.).

Remember Notre Dame, or any other legitimate organization, will **never** request personal or account information by email. Legitimate organizations should already have this information on file.

Before you reply to any request for personal information, contact the organization by phone or visit its website to confirm the email came from it. Do not use any contact information contained in the email.

Use firewalls, anti-spyware and anti-virus software to protect your computer, and keep them current. Visit onguardonline.gov for additional information about Internet fraud, securing your computer and protecting your personal information.

NEW EMPLOYEES

The University welcomes the following employees who began work in May and June:

Gregory J. Abbracciamento and **Vernon Bogan**, Army ROTC
Gaurav Aggarwal, computer science and engineering
Shanette M. Alston and **Emily Hess**, ticket office
Richard R. Austin, **Caitlin Cameron** and **Andrea E. Cisneros**, Alliance for Catholic Education
LeAnna Bailon, Air Force ROTC
Mark R. Bennitt and **Kevin N. Casault**, enterprise systems
Jared K. Bulosan and **Shane L. Creech**, operations and engineering
James T. Cachey, Hesburgh Libraries
Rebecca Etkin and **Courtney E. Boise**, psychology
Anne M. Griffith, development
Greer E. Hannan, Center for Ethics and Culture
William J. Herman, ND Marketplace
Shelly R. Leshner, physics
Paul F. McGinty, St. Michael's Laundry
Daniel A. Pohlman, chemical and biomolecular engineering
Michael D. Sullivan, athletic events
Linh N. Tran, Reckers
Mandy R. Van Bruaene, payroll services
Sherri Walsh, res life and housing
Duane A. Wilson, Robinson Center

New policy prohibits vehicles on sidewalks

Going 'off road' causing damage

BY COLLEEN O'CONNOR FOR NDWORKS

Long known for its historical beauty and pedestrian accessibility, Notre Dame's campus has been increasingly under siege by vehicular traffic. According to Doug Marsh, associate vice president and University architect, "We have seen an increasing culture of entitlement for drivers of vehicles to use sidewalks to get to their campus destinations, resulting in sizable, obvious damage to the campus grounds. Our campus planning has long been pedestrian-oriented, so the current pedestrian-versus-vehicle conflict is something which we must immediately address."

Consequently, the **Office of Business Operations** held a mini town hall meeting on June 3 for all campus drivers and their supervisors. This is the first time in many years that the University has communicated expectations directly to drivers in a formal setting. The group included trained drivers employed by multiple campus departments, outside contractors and vendors, and fast-food delivery service drivers who deliver to students and staff. More than 300 people attended. A PowerPoint presentation highlighting the widespread landscaping damage was the core of the program, followed by a Q-and-A session.

"The feedback from the meeting was positive and informative," says Marsh. "Through graphic pictures of deep trenches, compacted soil, dead grass and other landscaping issues, we successfully conveyed the urgency of the problem and its threat to one of Notre Dame's most precious assets, the beauty of our campus."

Drivers are asked to use designated loading zones, driveways and parking lots to access buildings and facilities. The only two instances in which it is acceptable to be on sidewalks are in the case of emergencies, such as fire or EMT response, or for a special one-time delivery of heavy equipment. Such exceptions need to be scheduled in advance with Notre Dame Security Police or the Office of the University Architect.

Sanctions were discussed for future violations, including the issuance of tickets from Notre Dame Security Police, or even towing. Habitual offenders will be subject to disciplinary action.

According to Marsh, there has been some progress since the June 3 meeting, but room for improvement remains. Significant costs are still being incurred to repair damaged areas. The goal is for a culture of zero tolerance of vehicles on sidewalks. As stated by Jim Lyphout, vice president for Business Operations, "There is no substitute for good judgment."

Marsh welcomes any assistance from the campus community. "Please feel free to report any observation of violations to the Office of the University Architect, univarch.1@nd.edu."

Maintaining a commitment to social justice without burning out

A study in activist sustainability

BY KEVIN CLARKE, FOR THE COLLEGE OF ARTS AND LETTERS

Turning the pages of **Erika Summers-Effler's** new book, "Laughing Saints and Righteous Heroes: Emotional Rhythms in Social Movement Groups," it won't be long before readers notice they are not working their way through a typical sociology text.

Tracking the experiences of activists in an anti-death-penalty group and members of a contemporary Catholic Worker house, "Laughing Saints" can be broken down according to the reader's specific interest. One may follow the tale of the Catholic Workers; someone else might trace the death penalty activists; professional sociologists and scholars can pore over the exhaustive documentation and study citations that Summers-Effler includes in her analysis.

"It's written sort of like a 'choose your adventure' sociology book," she says. "I wanted to write a book that would be understandable to a general audience but that would still have the sophisticated analysis that would be useful to a professional, academic reader."

The unique layout of the book is intended to facilitate that kind of diverging flow of reader interest. "It was important to me to produce a manuscript that is accessible to as many people as possible," Summers-Effler says, "but it was especially important that it would be accessible and useful to the people I studied."

Summers-Effler knows that many

community activists struggle with strategies for the sustainability of their organizations—and her desire to assist them comes out of her personal experience. "I started out as an activist, but I became burned out. So then I turned to social work, but I burned out on that, too."

As a scholar, Summers-Effler was determined that her research offer practical support to the people who continue in their work on behalf of society's disenfranchised. "If I couldn't be a Catholic Worker," she says, "I wanted to find a way to help."

Indeed, her experience of social activism burn-out provided the initial inspiration for her research questions:

How do activists maintain their personal commitment and energy over the long haul to the issues that first inflame their passion and desire for social change? How do they create sustainable organizational structures that are true to a social vision that at times is deeply at odds with the prevailing culture? Why do such dedicated people risk their emotional, economic, psychological, sometimes even physical well-being on behalf of strangers?

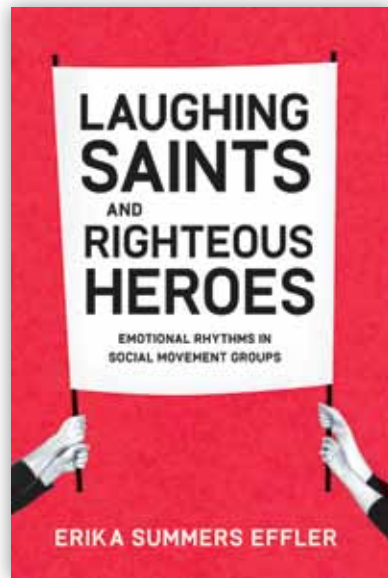
To begin to find answers, Summers-

Effler spent three years "shuttling back and forth" and observing the interpersonal and institutional dynamics of a Catholic Worker house and an anti-death-penalty coalition. Some days, she says, the work was as "exciting as watching paint dry"—but other days were enlivened by the outbursts that are part of the daily drama of life in a Catholic Worker house or a confrontation over capital punishment. "I was there for all of it," she says.

What she noticed about both groups was a structural dynamic that dealt with organizational turbulence by embracing it. The Catholic Worker house survived its many setbacks and challenges by establishing rituals of reflection that offered spiritual sustenance to its core members, allowing them space to recoup, recover and recommit to their work.

The death-penalty group was less focused on nurturing the emotional and spiritual health of its members and suffered a high turnover, barely maintaining a core group, who often felt underappreciated and overworked.

These are the kinds of lessons in sustainability Summers-Effler hopes her activist readership can draw from her research, as they struggle to remain committed to their life-changing commitments to some of society's thankless tasks and forgotten people.



ESTEEM: Preparing students to innovate

Transforming technical skills into commercially viable products

BY NINA WELDING, COLLEGE OF ENGINEERING

One of the challenges to improving the country's technological pre-eminence is the education of qualified students—not only in engineering and scientific principles, but also in the innovation process. The 2009-10

In addition to coursework focused on finance, technical marketing, operations management and R&D management, each student is required to complete a capstone business plan for a high-tech startup company. Current student projects range from tissue vaccines and nanotechnology-based solar cells to passive smart windows and the optimum design of structures for crashworthiness. At the end of the 12-month program, each student will be fully capable of



PHOTO PROVIDED
ESTEEM student Amanda Pegan '09 is working with Professor John Renaud to develop a high-tech business plan focusing on a topology optimization software program. The program more accurately models auto crashes, potentially leading to the production of stronger, safer materials.

academic year ushered in an inaugural group of 29 students pursuing a master's of science degree in engineering, science, technology and entrepreneurship at Notre Dame.

The new **Engineering, Science, and Technology Entrepreneurship Excellence Master's (ESTEEM)** program represents the collaboration of the College of Science, the College of Engineering and the Mendoza College of Business. Its purpose is to prepare an elite group of recent graduates in the fields of engineering, science and mathematics for a future in which they will lead technological advances.

ESTEEM students are learning valuable skills to help them transform the technical engineering and scientific skills they already possess into commercially viable products and processes with societal and economic value.

starting his or her own small company or creating new opportunities in larger corporations.

In addition to faculty guidance, the students are able to take advantage of the facilities in the newly opened Innovation Park at Notre Dame, a business incubator designed to facilitate the migration of research and new venture ideas into the marketplace. The collaborative space offered at Innovation Park encourages students to interact with the executives of companies also located in the facility. They are able to observe and participate in the process of technology transfer from concept to end-user, including technology development and validation, business plan fundamentals, financial processes, manufacturing and marketing.

Campus drinking water meets highest standards

2009 Consumer Confidence Report released

BY CAROL C. BRADLEY, NDWORKS

The University's 2009 annual **Consumer Confidence Report** on drinking water quality shows that drinking water on campus meets the Environmental Protection Agency's highest standards, with all monitored contaminants measuring below allowable levels, says Mike McCauslin, assistant director of risk management and safety.

Additionally, the University tests

water for 150 potential contaminants, including pesticides, herbicides, metals and synthetic organic chemicals, which were not detected.

The University's water system is a privately owned public water supply, operated by the utilities department. The system provides water to the University community and to nearby C.S.C. properties.

Questions regarding the system or sampling results should be directed to McCauslin, 631-5037, or Paul Kempf, director of utilities, 631-6594.

To download a copy of the complete report, visit nd.edu/~riskman/.

STAFF SPOTLIGHT

JEFF GUERRA

HE'S KNOWN AS THE CAMPUS 'WATERBOY'

BY CAROL C. BRADLEY, NDWORKS



Utilities operator Jeff Guerra is often referred to as the campus "waterboy"—his job focuses on water quality, including taking care of utility plant water supplies and managing water treatment in buildings.

Guerra, a 15-year employee, recently gave a presentation before the 30th annual Electric Utility Chemistry Workshop at the University of Illinois Champaign-Urbana on the University's recently installed reverse osmosis (RO) boiler makeup system, which has helped make campus steam generation more reliable and a lot greener.

"The boilers use water to make steam, which in turn is used to heat, cool and generate electricity for campus," he says. "We always lose a little water in the process."

That's where the RO system comes in. It adds water to make up the losses, first removing up to 99 percent of impurities.

Boiling water concentrates the minerals and other impurities that exist in all water supplies—think of it as similar to the way build-up in your coffeemaker, or like the white film left in the bottom of a pan after you boil water.

The RO system acts like a filter, removing the impurities from the water before it enters the boiler. By purifying the water before it enters the system, the RO process lowers energy costs and increases operating efficiency.

"And the water quality is much better," Guerra adds. "It's a much greener technology."

Preserving the history of the Holy Cross Order

BY CAROL C. BRADLEY, NDWORKS



Father Chris Kuhn, C.S.C.



Sister Jeanette Fettig, C.S.C.



Brother Larry Stewart, C.S.C.

Brother Alan McNeill and the true history of the Bengal Bouts

Holy Cross archivist Brother Larry Stewart's research on Brother Alan McNeill has demonstrated that while Brother McNeill faithfully served the Congregation for 40 years, he was not—as has been rumored—the true founder of the Bengal Bouts.

Brother Larry presented a paper on the life of Brother McNeill at the recent Holy Cross History Association annual conference, held in June at Holy Cross College.

The source of the confusion is a photo showing a picture of Brother McNeill standing with a group of Brownson Hall students holding a large poster advertising a "Boxing Exhibition." The label beneath states that "Brother Alan started 'Bengal Bouts' at Notre Dame." The flier claims the event occurred in 1920, and thus was the first of the legendary boxing matches.

Brother Larry was able to trace the original photo to a story in the May 22, 1922, issue of *The Bengalese*, a publication of the Holy Cross missions. It was contained in an article just titled "Ben Gall, Sr. Takes Up Boxing."



At left, Brother Alan McNeill, C.S.C.

In enlarging the poster, he adds, one can read "Two Burlesque Bouts at the Boxing Exhibition in the Notre Dame Gym: Benefit: Bengal Missions. Tuesday, March 14."

Although the poster announcing the exhibition stated that the event was to benefit the Bengal missions, the concluding paragraph of the article states that "Brother Alan and the Committee on Arrangements have decided that the proceeds of these first Mission Bouts (\$286) will be sent as the first installment for the 'Brownson Hall Room' in the new Seminary in Detroit."

What was billed as a boxing exhibition, says Brother Larry, "was just a pantomime burlesque show—and the proceeds went not to the Bengal Missions but to a seminary in Detroit!"

It was Knute Rockne, in 1923, who began a movement that resulted in the creation of Notre Dame's first boxing team—with the first boxing match to be christened "The Bengal Bouts" taking place in 1930.

The Holy Cross History Association (HCHA) held its 29th annual conference in June at Holy Cross College, with 80 conferees including more than 50 Holy Cross religious from across the U.S. and Canada.

The HCHA's mission is to promote study of and research on those religious communities that trace their origins to the Blessed Basil Moreau of Le Mans, France.

The organization also works to seek out, collect and preserve historical documents and to publish and circulate works of scholarship relating to the Congregations of Holy Cross.

The HCHA, a grassroots effort supported by the priests, brothers and sisters of the C.S.C., was founded in 1982—"with the idea of preserving and making available the records of our heritage," says Rev. Chris Kuhn, C.S.C., director of the Holy Cross Province Archives at Notre Dame. "The conference rotates each year to a different part of the country at or near a Holy Cross institution."

Papers this year included a presentation on the early presidents of Saint Mary's College by Sister Kathryn Callahan, C.S.C., former director of the Saint Mary's archives; the poetry of the Very Rev. Christopher O'Toole, C.S.C., by Rev. John VandenBossche, C.S.C.; and a look at the life of Brother Alan McNeill, presented by Brother Lawrence Stewart, C.S.C., archivist of the Holy Cross brothers archives.

The 2011 conference will be held at Ursuline College, Pepper Pike, Ohio. For more information, visit the HCHA's website at myweb.stedwards.edu/georgek/csc_hist/historyconf/history.html.

For those interested in conducting research on the Order, historic records are held locally in three separate locations:

The Holy Cross Midwest Province Archives Center, Father Chris Kuhn, director, (631-5371) doesn't have a street address. It's located just west of Holy Cross House on Douglas Road. The archives are open weekdays from 9 a.m. to noon, other times by appointment.

The Sisters of the Holy Cross Congregational Archives and Records are housed in Bertrand Hall, Saint Mary's College. The archive is generally open 8 a.m. to 4 p.m. Contact archives director Sister Jeanette Fettig at 631-5886 or jeanette@cscsisters.org to make an appointment. Visitors are welcome to visit the displays in the Sisters of the Holy Cross Heritage Room.

The Holy Cross Brothers Midwest Province Archives, 54515 St. Road. 933 N, are located at the Holy Cross Provincial Administrative Building, the first building on the right as you enter Holy Cross Village. Visitors are welcome to view the exhibits 8:30 to 4 p.m. daily. To discuss research, contact archivist Brother Larry Stewart, C.S.C., 631-8972 or archives@brothersofholycross.com.

Sister Margaret Ann Nowacki, C.S.C., who works in the Sisters of the Holy Cross communications office, photographs participants at the HCHA conference.

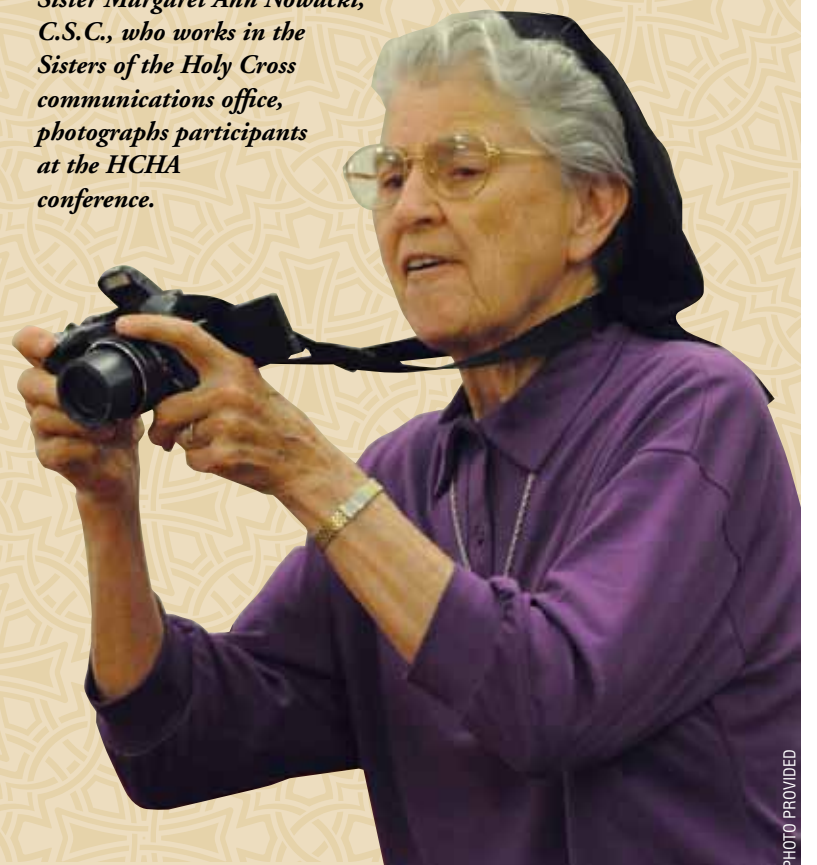


PHOTO PROVIDED