

An emphasis on pedestrian and bicycle safety

Crosswalk systems control both vehicle and pedestrian traffic

BY CAROL C. BRADLEY, NDWORKS

The new Douglas Road opened in mid-August, just in time for the beginning of classes and football season.

In addition to the newly completed bike and walking path around campus, two new HAWK (High intensity Activated crossWalK) systems, also known as pedestrian hybrid beacons, have been added in addition to the one already installed at Twyckenham Drive and Vaness Street at the southeast edge of campus.

Mike Seamon, associate vice president for campus safety, explains that the department spent quite a bit of time identifying areas where safety improvements could be added.

"That's what we like about the HAWK system," he says. "It's an intelligent system. You activate it, and it tells both cars and pedestrians what to do."

Two new crosswalks have been added, one near University Village and another where Douglas and Juniper Road connect.

Tim Sexton, associate vice president for state and local affairs, along with University Architect Doug Marsh and representatives of county government, collaborated on the Douglas Road project and associated safety improvements.

The new road includes a 10-foot-wide pedestrian and bike path. "And the county has widened Juniper north to Cleveland Road, so bikes and walkers don't have to interact with traffic," Sexton says. "There's now a pedestrian-friendly crosswalk at 933 and Douglas.

The most important message to convey is that safe crosswalks are only half of the equation. They can't keep people safe if they aren't used.

Adds Mike Seamon, "Whether it's a pedestrian, a bicyclist or someone pushing a stroller, we all need to be aware of one another. Everyone has a shared responsibility for safety, to watch out for one another."



How does the HAWK signal work?

Drivers: May proceed when the signal is dark. When the signal is activated, a flashing yellow lights tells drivers to be prepared to stop. A solid red light indicates STOP for pedestrian in crosswalk. When the lights change to flashing red, drivers may proceed with caution if no one else is in the crosswalk.







We're celebrating the 10th anniversary of NDWorks and the Grand Opening of the new Morris Inn with great prizes every month from August through December! **See the entry form on page M5.**

NEWS BRIEFS

UNIVERSITY EARNS FIFTH CONSECUTIVE GREAT COLLEGE TO WORK FOR'HONOR

For the fifth year in a row, the Chronicle of Higher Education has named the University of Notre Dame to the honor roll on its annual list



of Great Colleges to Work For. The honor roll, the Chronicle notes, recognizes

the "best of the best" among the colleges surveyed for the list.

The Great Colleges program, started in 2008, is the premier recognition program in higher education. The program recognizes colleges and universities for specific best practices and policies.

2013 TOTAL COMPENSATION STATEMENTS ARE ONLINE

Total Compensation Statements for all full-time staff are now available online. The statement describes the projected value of each staff member's 2012-2013 compensation package including pay, Universitypaid benefits and other voluntary offerings.

In keeping with University sustainability initiatives, statements will not be mailed. Statements may be viewed online at **inside.nd.edu** under the "My Resources" tab. For more information about your

NDWorks

June 20

July 25

Aug. 22

statement, call askHR at 574-631-9729.

EXECUTIVE MBA RANKED 15TH IN WORLD

In a just-released survey by The Economist, the University's Executive MBA ranked No. 15 among the top EMBA programs worldwide. The Economist's "Which MBA? Executive MBA Ranking" is the international news publication's inaugural ranking of executive graduate business degree programs.

The Notre Dame EMBA is offered through the Stayer Center for Executive Education at the Mendoza College of Business, which opened a state-of-the-art, 54,000-squarefoot building in March to house the executive education program. The ranking included the Notre Dame EMBA's 21-month program in South Bend, as well as the 17-month program in Chicago.

NOTRE DAME CENTER NAMED NATIONAL NUCLEAR SECURITY **ADMINISTRATION CENTER OF EXCELLENCE**

The National Nuclear Security Administration (NNSA) has selected a University of Notre Dame center as one of six new centers of excellence whose primary focus will be on the emerging field of predictive science.

The University's Center for Shock Wave-processing of Advanced Reactive Materials (C-SWARM) was named a Single-Discipline Center by NNSA and will receive \$1.6 million per year for five years under NNSA's Predictive Science Academic Alliance Program II (PSAAP II) agreement.

execution. Previously, she was vice president at Edelman, where she provided strategic counsel to global companies on corporate social responsibility and sustainability.

Richard F. Klee '74, tax director in the Office of the Controller, is the recipient of the Tax Award from the National Association of College and University Business Officers (NACUBO) at its annual meeting in Indianapolis.

The award recognizes an individual who demonstrates an outstanding commitment to NACUBO's tax advocacy efforts,



Klee

educational programs and publications focusing on higher education tax compliance and administration.

Klee, who has worked at the University since 1998, oversees the preparation of all University tax returns, including income, information, property, sales, trust, employee benefit and other returns. In addition, he and his staff develop and disseminate tax compliance guidance to University business units.

Professor of history **Jon T.** Coleman has been awarded a John Simon Guggenheim Memorial Foundation fellowship to work on an environmental history of movement in America before the widespread use of automobiles and airplanes.

"I'm interested in how travel and migration interacted with other natural movements like seasonal cycles of plant growth — such as grass to feed beasts of burden - and hydrological and weather cycles that influenced river flows and wind patterns for sailing," Coleman says.

FACULTY & STAFF NEWS BRIEFS

David Acton has joined the Snite Museum of Art as curator of photography. Acton comes to the University from Worcester Art Museum in Massachusetts, where he served for 26 years as curator of prints, drawings and photographs.

Marie Blakey, currently senior director of communications and marketing in the College of Arts

and Letters, has been appointed to the newly created position of executive director of academic communications at the University. She will report to both Provost Thomas G. Burish and Paul J. **Browne**, the new vice president for public affairs and communications.

Blakey

Joyce Coffee has been named managing director of the University's Global Adaptation Index. Coffee has 20 years of experience in environmental leadership, risk management, performance measurement and sustainability

UNIVERSITY PRESS BOOKS HONORED

Three books written by University of Notre Dame faculty have received 2013 Catholic Press Association **Book Awards.**

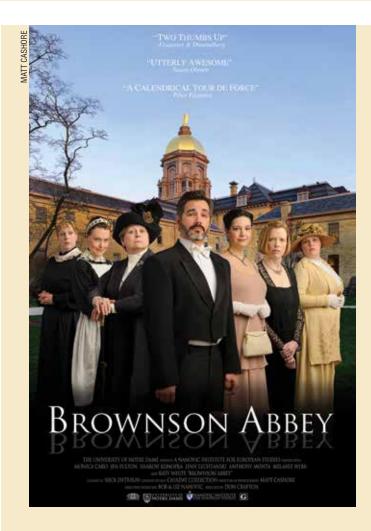
"Eternal Consciousness," by John Dunne, The John A. O'Brien Chair in Theology at the University of Notre Dame, received first place from the 2013 Catholic Press Association Book Awards for Spirituality (softcover).

"The Chapels of Notre Dame," by Lawrence Cunningham, professor emeritus of theology, and Matt Cashore, senior university photographer, received third place

> from the 2013 Catholic Press Association Book Awards for Popular Presentation of the Catholic

"Notre Dame's Happy Returns," by **Brian Ó** Conchubhair, associate professor of Irish language and literature, Susan Mullen Guibert, assistant

director in public relations Matt **Cashore** won first place from the 2013 Catholic Press Association Book Awards for Design and Production.



When the Nanovic Institute for European Studies needed a departing gift for interim director Don Crafton, the Joseph and Elizabeth Robbie Professor of Film, Television, and Theatre, they decided to create something unique.

Knowing Crafton's appreciation of film posters—and his suggestion for the Institute to run its first television ads by sponsoring the local PBS screenings of Downton Abbey—the staff members assumed characters from the Emmy-nominated series and featured the Nanovic's home in Brownson Hall.

Senior university photographer **Matt Cashore** executed the photography and artwork for the very successful project.

From left to right: Melanie Webb, Katy White, Sharon Konopka, Anthony Monta, Monica Caro, Jen Fulton, and Jenn Lechtanski. For more of the story, see nanovic.nd.edu/brownson-abbey. See Matt Cashore's blog post at blogs.nd.edu/ndphotography.

UNIVERSITY ENHANCES STADIUM SAFETY WITH NEW BAG POLICY



Come and cheer—but don't bring a tote bag or back pack!

As part of an ongoing commitment to safety and security, the University has adopted a new policy on bags and other items fans can bring into the football stadium on game days.

Beginning with the 2013 season-opening game Saturday, Aug. 31, fans will be prohibited from bringing large bags such as backpacks, duffel bags and totes into the stadium. Smaller bags such as purses will be allowed but will be inspected by trained security personnel, as will blankets, coats, ponchos and other similar items.

"Our top priority is safety, and we believe that in the wake of the Boston Marathon bombing and other incidents through the years, this new policy is the prudent course of action," said Michael Seamon, associate vice president for campus safety and director of game day operations. "We know our fans will adapt quickly to the policy, and we appreciate their cooperation in helping to make Notre Dame Stadium as safe as possible."



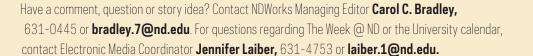
Dec. 12 Feb. 13

March 20 April 17

May 22

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







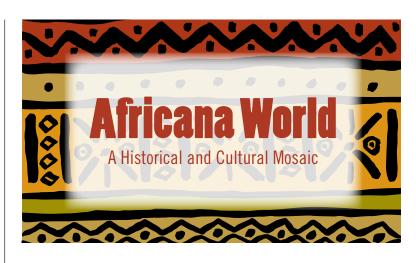
Fall Town Hall Meetings scheduled for Sept. 25-26

The Fall Town Hall meetings will take place on Wednesday, Sept. 25, and Thursday, Sept. 26, and will be hosted by University President Rev. John I. Jenkins, C.S.C., Provost Thomas G. Burish and Executive Vice President John Affleck-Graves. Employees are encouraged to participate.

To accommodate the number of employees, the meetings are grouped by division. If possible, employees are asked to attend the session for their division. If you are unable to attend your designated session, you are welcome to attend one of the other sessions with the approval of your supervisor.

- Sept. 25, 11 a.m.-noon. (Washington Hall) = Campus Safety, Campus Services, Human Resources and OIT
- **Sept. 25, 3-4 p.m. (Washington Hall)** = Investments, University Relations, Colleges, Schools, Institutes, Centers, Provost's Office and other units reporting to the Provost's Office
- **Sept. 25, 10-11 p.m. (Eck Visitors Center)** = Evening shifts for the following units: Auxiliary Operations, Campus Safety, Campus Services and Facilities Design & Operations
- **Sept. 26, 3-4 p.m. (Washington Hall)** = Athletics, Audit, Auxiliary Operations, Facilities Design & Operations, Finance, General Counsel, OSPIR, President's Office and Student Affairs

Check evp.nd.edu beginning Monday, Sept. 9, for a list of topics that will be covered at the Fall Town Hall meetings and to submit your questions in advance.



A YEARLONG CELEBRATION OF AFRICAN DIASPORA

BY GENE STOWE, FOR NDWORKS

A 50th-anniversary commemoration of Dr. Martin Luther King, Jr.'s Oct. 18, 1963, speech at Notre Dame's Stepan Center has flowered into a yearlong celebration of African Diaspora.

An exhibit at the **Notre Dame** Center for Arts and Culture's Crossroads Gallery, "The African Presence in Mexico," will be open thursday, Aug. 22 through Thursday, Oct. 18. The Snite Museum of Art will display five photographs from key civil rights events, including King's 1958 arrest in Montgomery, the 1963 Birmingham demonstrations and the 1965 march from Selma to Montgomery, from Tuesday, Aug. 27through Sunday, Sept. 22.

Claudia Bernardi of California College of the Arts will conduct an Artist Talk and Discussion on "Walls of Hope: African American Elders Share Memories of Integration during the Civil Rights Movement in the '60s," at 6 p.m. Thursday, Aug. 29, and in the Notre Dame Center for Arts & Culture. The Northern Indiana Center for History will exhibit "Civil Rights in the Media." Other events in the fall semester include:

- "King in South Bend," a lecture by Monica Tetzlaff, associate professor of history at IU South Bend, at 6:30 p.m. Wednesday, Sept. 25, in the Notre Dame Center for Arts & Culture.
- A talk by Taylor Branch, Pulitzer Prize winner and author of landmark civil rights histories. at a community luncheon, 11:30 a.m.-1 p.m. Tuesday, Oct. 1 at the IU South Bend Civil Rights Heritage Center at the Natatorium. Branch

will also lead a discussion on journalism on campus from 4 to 5 p.m. and give a talk, "Myth & Miracles From the King Years," on campus from 7 to 8 p.m.

- Hot 8, a traditional New Orleans Jazz Band, will perform a secondline parade from the Notre Dame Center for Arts and Culture to the Civil Rights Heritage Center and the Northern Indiana Center for History and an artist talk on Saturday, Oct. 12.
- The Browning Cinema in the De-Bartolo Performing Arts Center will screen the documentary "King: A Filmed Record...from Montgomery to Memphis" at 3 p.m. Sunday, Oct.
- The Crossroads Gallery will display a "Day of the Dead" exhibit with special recognition for King on Friday, Nov. 1.
- A talk by 20th-century historian William P. Jones of the University of Wisconsin-Madison.

Spring semester events include a performance by the Kenny Barron Jazz Trio, a Martin Luther King Foundation community breakfast and South Bend Symphony celebration, a talk by Richard Pierce on the Underground Railroad, a talk by Brother Sage on the Underground Railroad in the St. Joseph Valley, a visiting artist presentation by Faith Ringgold, a performance of the play "Clybourne Park" by Bruce Norris, a performance of "Lift Every Voice" and an artist talk by Carrie Mae Weems.



FOOD DRIVE

Help provide a meal for a hungry child in St. Joe County by contributing to the University's annual food drive, Fighting Irish Fighting Hunger. The drive takes place Monday, Sept. 9, through Sunday, Sept. 29.

Your donation of \$1 can provide up to eight meals; barrels for donations of nonperishable food items will also be available in buildings across campus. Watch for the posters, or contact Anne Kolaczyk (akolaczy@ nd.edu) or Carol C. Bradley (bradley.7@nd.edu) for more information. Visit fightinghunger.nd.edu.

MORE NEWS

BRIDGE MURAL PROJECT NEEDS VOLUNTEER PAINTERS

Volunteers are needed to work on the 117,000-square-foot mural project on the Indiana 933 bridge between Angela Boulevard and Northshore Drive. Help is needed on weekdays through September between 9 a.m. and 6 p.m. No artistic talent is necessary, and volunteers will be supervised on-site by local artists. This opportunity is open to individuals and groups of up to 20. For more information, contact volunteer coordinator Sarah Heintzelman at s.heintzelman1920@gmail.com or 574-621-8969.

This project is one of several developed out of the Actionable Economic Development Forum, a group of local leaders from business, economic development, city government and the Chamber of Commerce, convened in the spring by the Community Foundation of

St. Joseph County. This group of 40 worked to identify specific local economic and social challenges, brainstorm solutions and launch fast-track pilot projects to address them—achieving significant results in a short period of time.

The Actionable Economic Development Forum was made possible by the Community Foundation of St. Joseph County, the University of Notre Dame, Judd Leighton Foundation and Union Station Technology Center.

NEW DOUGLAS ROAD, EXERCISE TRAILS OPEN

The newly realigned **Douglas** Road, including the Juniper Road connection, opened to traffic in early August. All exercise trails are open for use and the HAWK Pedestrian Systems are operational.

With the opening of the new Douglas Road, traffic will no longer be able to enter campus at the old Douglas Road entrance off Indiana 933, and sometime this fall the pavement will be removed.

All traffic will follow the new Douglas Road and traverse the roundabout to reach the entrance

to the Sacred Heart Parish Center. That section of what was called old Douglas Road will be renamed Moreau Drive.

PROCARD TRANSACTIONS ADMINISTERED THROUGH CONCUR BEGINNING AUG. 26

Beginning with the September 2013 Procard statement period (Aug. 26 to Sept. 25), cardholders will use **Concur** to administer their Procard transactions.

Concur will replace PaymentNet as the means to access and review transactions, change FOAPALs and process monthly statement reports.

There are several benefits in moving to Concur, including:

Single sign-on from InsideND page (no additional password to remember);

Familiarity with Concur—the system already in use for travel reimbursements;

It's green—a paperless system with scanned receipts, electronically forwarded for approval.

For more information, visit the website, controller.nd.edu/ payments-reimbursements/procard/ concur or email procard@nd.edu.

COLLEGE COLORS DAY ADDS SPIRIT CUP COMPETITION

The new College Colors Day Spirit Cup competition encourages all college football fans to visit CCD on Facebook (facebook.com/collegecolorsday) and pledge support for their institution. The contest is open Monday, Aug. 12 and runs through Thursday, Aug.29. The institution with the most pledges will be announced on College Colors Day, Friday, Aug.

scholarship fund!

30. The winning institution receives \$10,000 for its general



BE OPEN THE DEBARTOLO PERFORMING ARTS CENTER

WELCOME TO FOUR OF OUR NEW IDEAS

THIRD COAST PERCUSSION



Sean Connors Robert Dillon Peter Martin David Skidmore

Introducing the center's first Ensemble-in-Residence

"So much of music making is showing up somewhere, staying for two days and playing a concert. Music is incredible for its ability to allow for that. You don't have to set up scenery and stay for a week; you can show up with your instruments and, even though we have a ton of them," he laughs, "set them up, play a concert and move on to the next place."

Even so, Skidmore cautions brevity risks kinship with the public. "Being part of and growing with a community is something we value highly." he says.

Third Coast Percussion has accomplished that, to raves, in and around their Chicago stomping grounds. And they're already leaving their imprint on Notre Dame.

Their term as Ensemble-in-Residence officially began in July with full-day rehearsals, meetings with composers and leading the wildly popular opening night of ANDkids World Film Festival with live accompaniment to the night's film selections.

They'll return in September for the first of two Presenting Series dates and begin work on projects with Notre Dame faculty and students, and South Bend-area schools.

"It's no different than a personal relationship. You can go to a party, meet someone, have a great conversation and connection, and go your separate ways. There's nothing wrong with that." Then Skidmore asks, "How much more rewarding is it to meet someone and start seeing them on a weekly basis to develop a deeper friendship that can only come from knowing that person over a longer period of time?

"That's exactly how we feel about and want to get out of the Ensemble-in-Residence position at Notre Dame."

ND Arts Benefits for Faculty + Staff

All Notre Dame faculty and staff automatically receive a DeBartolo Performing Arts Center account. Always login at **performingarts.nd.edu** to see event pricing reduced for faculty, staff and Notre Dame students. Customize 29 preferences to receive to get our arts or cinema (or both!) weekly email and notice of events of interest to you.

Activate or Update Your Account Now

First-time user? Forgot your password? Using your account but don't receive our emails? Go to performingarts.nd.edu/ndbenefits now.

5-Star Picks: Presenting Series	
Third Coast Percussion	Sep 15
Hot 8 Brass Band	Oct 12
• Estonian National Symphony Orchestra	Nov 7
Kenny Barron Trio	Jan 18
• L.A. Theatre Works' <i>The Graduate</i>	Feb 13-15
 Flamenco Vivo Carlota Santana 	Mar 29

Two flexible Choose-Your-Own season ticket options save you more than faculty/staff price single tickets AND give you access to exclusive arts and entertainment benefits inside and outside the center!

5-Star Picks: Browning Cinema

- Helen Mirren in National Theatre Live! *The Audience*
- Family Films from Studio Ghibli Sep & Oct (children under 12 free)
- Woody Allen's Blue Jasmine Oct 4-5
- Joss Whedon's Much Ado About Nothing • Tom Hiddleston (Loki Avengers/Thor) is Coriolanus Jan 30 + Feb 1
- The Met Live in HD La Bohèm

BE HERE BE CONNECTED

Ticket Office: Mon-Fri, noon-6 p.m. | 631.2800 PERFORMINGARTS.ND.EDU (1)







Extended Hours

OIT Help Desk

The OIT Help Desk will have extended hours Aug. 23 to 27, and can provide computing support over the phone, via email or online chat.

Friday, Aug. 23, 8 a.m. to 6 p.m. Saturday, Aug. 24, 9 a.m. to noon Sunday, Aug. 25, 1 p.m. to 5 p.m. Monday, Aug. 26, 8 a.m. to 6 p.m. Tuesday, Aug. 27, 8 a.m. to 5 p.m.

Location: 128 DeBartolo Hall Email: oithelp@nd.edu Phone: 574-631-8111 Online chat: help.nd.edu

Follow the OIT on:



@oithelpdesk



facebook.com/oithelpdesk



oit.nd.edu/gplus

Computer Center

The ND Computer Center will be open extended hours Aug. 23 to 26:

Friday, Aug. 23, 8 a.m. to 6 p.m. Saturday, Aug. 24, 9 a.m. to noon Sunday, Aug. 25, 1 p.m. to 5 p.m. Monday, Aug. 26, 8 a.m. to 6 p.m.

Location: 102 IT Center Email: oitserv@nd.edu Toll-free: 877-561-7477 Local: 574-631-7477

What's new in IT?

ND-Guest Wi-Fi enhanced

Campus visitors can take advantage of the enhanced ND-Guest wireless network. without the need for a username and password. ND-Guest is an unencrypted wireless network designed to support visitors to the University. For additional information, visit oithelp.nd.edu/networking/#guests.

More ways to get information about IT services

Follow us on Twitter, Facebook or Google+

The OIT's social media feeds are a great place to find helpful tips and tricks, information about new services, the status of maintenance and updates on unplanned service problems. Follow us on Twitter @ oithelpdesk, Facebook facebook.com/oithelpdesk, or Google+ oit.ned.edu/gplus.

OIT Web IT service dashboard

The OIT launched a new Web service dashboard to let you know whether the key IT services you rely on are available or experiencing issues. Just visit **oit.nd.edu** to view the status at any time.

Text updates on IT status

If you want information about the status of IT services pushed to you via text message, you can subscribe by visiting **ndoit.bbcportal.com** and creating an account. In addition to text messages, you can also subscribe your email address. The OIT promises to use text messages sparingly so you will only receive texts that relate directly to the status of IT services.

OIT Help Desk offers new tools

The OIT Help Desk is your best resource if you have any computer hardware, software or other technology-related question or issue. In the past year, it has expanded support tools to offer added convenience to faculty, staff and students.

A new screen share tool allows the Help Desk representative to remotely view a customer's screen and share control of the keyboard and mouse. By viewing the screen, the Help Desk representative can easily gather information and provide a solution more quickly rather than relying on the customer describing what he or

she sees on the screen.

A screen share is the next best thing to having someone physically on hand to assist. The tool is used by multiple campus IT departments, including the OIT (Help Desk and Distributed Support Services), Engineering and Science Computing, Library IT, and Law School IT.

The Help Desk representative can set up the screen share quickly and easily. And to make future screen share sessions even easier, a support representative can leave a tool behind to connect again in seconds without a code the next time assistance is needed.

The OIT Help Desk also offers support via online chat. Just visit **help.nd.edu** from a Mac, PC or iOS device and follow the instructions. IPhone and iPad users running iOS 5 or newer must install a free app to connect. If needed, a Help Desk representative can turn a chat session into a screen share to provide better assistance. Chat is available during standard OIT Help Desk business hours.

For additional information, contact the OIT Help Desk at 574-631-8111 or **oithelp@nd.edu.**

Your Best Connection for Computers & Technology

Faculty, staff and students can take advantage of ND discounts on computers, software and accessories. The new **Hammes Hub,** scheduled to open in late August, is a full-service technology store located in the Hammes Notre Dame Bookstore. It will serve as Notre Dame's one-stop shop for academically priced software, computer accessories and hardware, including:

- •Apple (except iPhone and iPhone-branded products)
- •Dell
- •IBM/Lenovo

ND discounts are also available for Microsoft Office Suite, Windows operating systems and Adobe CS6 software. The **ND Computer Service Center** provides both warranty and non-warranty services on most computer brands and HP printers. Computer rentals are also available.

Keeping information secure at ND

The OIT Information Security team oversees many services, applications and systems to help keep ND information safe and secure. Here are some helpful tips to ensure your information on your computer or portable devices remain safe.

Mobile device security tips

Many people rely on mobile devices for the convenience and capabilities they offer. However, if your device is lost or stolen, information stored on it may be at risk.

Symantec did an experiment that involved intentionally dropping 50 smartphones in different cities with simulated corporate and personal information on them. Here are the results:

- 96 percent of lost smartphones were accessed by their finders.
- Six out of 10 finders attempted to view social media information and email.
- Eight out of 10 finders tried to access corporate information.

Here are some tips on keeping your mobile device secure:

- 1. Set a password, pin or security pattern to keep others from using your device.
- 2. Ensure your device locks after idling for too long.
- 3. Limit the amount of behindthe-scenes communication that
 may leak data or allow others to
 remotely connect to your device.
 For example, most devices allow
 GPS tracking. It is an unnecessary
 feature that exposes your location.
 It's a good idea to turn GPS
 and other similar services (e.g.,
 Bluetooth) off.
- Don't allow applications or Web browsers to store passwords, and limit personal information on your device.
- 5. Be sure to keep the operating system on your mobile device well maintained by downloading and applying patches from legitimate providers in a timely manner.
- 6. Enable remote wipe. If you lose your device, you may be able to remotely erase your data if you have installed a security application or Exchange email.

By following these guidelines, you can decrease the chance of identity theft as well as unauthorized access to your email and bank accounts, personal records, etc. Additional information is available at oithelp. nd.edu/mdsecurity.

Watch out for SPEARphishing

ND continues to receive thousands of phishing emails each day. But many organizations are now seeing SPEARphishing—a type of phishing campaign that targets a single company or institution.

A SPEARphishing email looks convincing. It may have a University logo and include proper University colors. It may look similar to a legitimate message you may have received recently. It can even play on

your guilt a little—such as: "Your email is full, and you won't be able to send email unless you log in here now."

If you click on the link, it will take you to a form that requires you to fill out your email address, username and password. If you enter the information and hit the send button—you just became another victim of SPEARphishing.

How can you tell if the email is legitimate? Just remember these simple tips:

- Notre Dame will never ask for your password. Why? Because we already have it. That is why you can successfully log in to your email and other ND services that require authentication.
- If you are unsure about whether an email is legitimate, contact the OIT Help Desk or forward a copy of the email so one of the support staff members can review it. These trained individuals can confirm whether the message is legitimate or not.
- If you click on a link, is the screen you're logging into familiar? It should be! If it looks unfamiliar, do not enter any of your personal information until you confirm it is legitimate.
- Is the message requiring you to take immediate action, or is it threatening? Notre Dame or any other legitimate organization will not send you a message so close to a deadline that you have to take immediate action.

Each year, there are about 800 reported phishing messages. And these messages look more and more legitimate.

Uh oh. OK, you already entered your email address, your username and password and it's gone. Now what? Call the Helpdesk. They'll ask you to send a copy of the email to them and change your password. Normally, that's all it takes. But if you tend to use the same password for everything, you may have just given SpearPhishers your personal email address, your Facebook password or worse, your online banking passwords. You should change any other accounts that use that password.

OIT continues to work to filter out junk mail like SPEARphishing emails, but a few may slip through the filters. When reviewing your email, be careful not to fall for these phishing scams. Keep your ND information and personal information safe. For additional information, go to: oit.nd.edu/phishing.

Disposing of old computer equipment

What do you do with your old laptop, desktop, tablet or smartphone? When you get a new device, there are some steps to take with "retiring" your old device. Before you discard it, be sure to destroy the data on it. Here are some valuable tips:



Remove the old hard drive and physically destroy it

- Use a drive-wiping program, such as DBAN, to wipe the hard drive inside your desktop PC or laptop. DBAN is available at dban.org/ download.
- Be sure to remove data from mobile devices:
 - iPhone, iPad or iPod Touch: Tap Settings > General > Reset > Erase all Content and Settings.
 - Android tablets or phones (instructions may vary slightly): Tap Settings > Backup & reset > Factory data reset.

By removing your data from your old computers and portable devices, others will not have access to your email, look at your Web browsing history or recover sensitive information like tax documents that contain your Social Security Number. For additional information, go to: oit.nd.edu/computerdisposal.

Securing your web Browser

Web browsers are the windows to the Internet. On a daily basis, we connect to dozens of websites to do our jobs, connect with friends, read news, do financial transactions and play games.

The fact that Internet Explorer (IE), Safari, Chrome and Firefox are used to access the Web also means that cyber-attackers think of them as great targets. If they can use our browsers to break in to our computers, phones and tablets, they can steal data, infect your PC or even use your PC to attack other sites.

To make sure the Web browsers on your computer are secure, follow these safety tips:

- Make sure your browser is up to date. Most modern browsers automatically update—just make sure you update when prompted.
- Be cautious when installing plugins for websites. Many program updates try to sneak in toolbars, other adware and junk applications. When you install a new program, make sure you select "custom" when given an install option, and de-select any extra software they offer.
- Don't use IE as your default browser. While some websites require IE, its security features often lag behind those in Chrome and Firefox. Only use IE when another browser will not work.
- Disable Java from Chrome, and Firefox, and use Safari or IE only when you have to access sites that require Java (see below).
- Advanced users: Consider using

Training Opportunities

Need to learn something, but can't find the right class? The OIT has a limited number of premium licenses for the **lynda.com** online training site. These licenses, available for \$20 for a month or \$200 for a year, are individual licenses (i.e., to be used by one person only and not to be shared within a department). A license gives you give access to all of the 1,500+courses on the training site as well as access to the accompanying exercise files.

To see the courses available, go to **lynda.com.** To arrange for a license or to get further information, contact the Training Office.

OIT technical training

The OIT User Education and Transition group offers a variety of technical training opportunities for faculty, staff and students. For more information, contact the Training Office.

Instructor-led classes

Our highly skilled instructors lead training classes in Microsoft Office 2010 and Adobe (Photoshop, InDesign, Acrobat and Dreamweaver) products. All regularly scheduled classes are free for faculty and students. To see the current listings, go to **oit.nd.edu/training-classes** and click on the *Discover IT* link.

Class documentation

Reference material for some popular applications (e.g., Microsoft Office) and for Notre Dame specific systems, as well as links to other online support, can be accessed through links at **oit.nd.edu/training-classes.**

Special request training

In addition to scheduled instructor-led classes, OIT Training also provides special request training options. There may be a charge associated with special request training. This training includes:

- One-on-one and small group technology instruction
- Guest instruction in faculty classrooms when students need technology training
- Other alternatives designed to meet your teaching and learning or administrative needs

Training consultation

Our instructional designers are available to assist individuals or groups create their own training. Our services include everything from helping you determine the best delivery method to helping your staff learn how to conduct training.

Contact Us

OIT Training Office Location: B004 IT Center Phone: 574-631-7227 Email at training@nd.edu

Campus Use of OIT Training Labs

Two computer training labs are available on a limited basis to Notre Dame groups for training activities in which the OIT is not directly involved. The labs are located in DeBartolo B002 (12 seats) and ITC G001 (15 seats) and include computers that run both Windows and Macintosh operating systems. For more information or to reserve one of these labs, contact the Training office.

security tools like NoScript for Firefox and NotScripts for Chrome. While these add-ons have a learning curve, they help stop malicious sites from attacking your PC. As you use them, you'll have to allow sites to run scripts, but eventually you'll find that fewer of the sites you commonly use have issues.

In 2013, Java has seen six updates, and more than 130 security fixes. The problems with Java's security have made it a popular target. The OIT recommends not to use a Java-equipped browser for your daily browsing.

Below are steps to disable Java:

Chrome

- Open Chrome and type "chrome://plugins" into the location bar.
- Click "Disable" under the Java plugin.

Firefox

Open Firefox and click the Firefox button, then Add-Ons

- (or Tools, then Add-Ons in on Linux, MacOS, and Windows XP systems).
- Select the Plugins tab.
- Select the Java plugin and click Disable.

Safari • On

- Open Safari, select the Safari menu and click Preferences.
 - Select the Security tab and uncheck the box next to Enable Java.

Internet Explorer (IE)

 Internet Explorer does not allow Java to be easily disabled. You must fully un-install Java to remove it from IE. The OIT recommends using IE as your Java-enabled browser only for those sites that absolutely have to have Java to work.

If you need additional information, contact your departmental IT staff, or the OIT Help Desk at 574-631-8111, or oithelp@nd.edu or chat online at help.nd.edu.

Sakai collaboration and learning environment

Sakai is the open-source collaboration and learning environment available to all ND faculty and students.

"We implemented this new learning platform for many reasons," says Ron Kraemer, vice president of information technologies and chief information officer. "But foremost was to enhance both the teaching experience for faculty and the learning experience for students."

Sakai is a platform that is built by higher education, exclusively for higher education. Features and fixes are created when one or more of the consortium members finds an issue, identifies a solution, discusses, tests and verifies the solution and then puts it in production for faculty to

The open source software offers several benefits because it is a collaborative effort of those who see a need to develop a solution to a specific issue. Plus, it is developed with direct input from those who use it, and improvements are made incrementally rather than in huge

leaps. This means Sakai will provide a stable and reliable system for faculty and students for many years to come.

Notre Dame has joined a consortium of other institutions that have been involved in the development of Sakai, including foundational members Yale, Rice, Stanford and Duke, as well as Indiana University and University of Michigan. These universities continue to contribute many resources including developers, instructional designers, quality assurance and documentation technicians.

Faculty members have access to a variety of Sakai resources, including:

• Sakai-iatry, the ND Sakai Faculty Users Group—Open to all ND faculty members and graduate teaching assistants. By joining this group, you can learn

more about Sakai through sharing experiences, talking to the experts and participating in discussions. To join, go to sakai.nd.edu.

- Training and Online Resources—You can take advantage of a variety of training videos, study guides and workshops at **sakai.nd.edu.**
- The Kaneb Center for Teaching and Learning can provide you with additional information about how to enhance your teaching with Sakai. Visit its website at kaneb.nd.edu or send an email to kaneb@nd.edu.
- OIT Help Desk—available to answer your questions about Sakai at 574-631-8111 or oithelp@ nd.edu.

Gradable forums now available in Sakai

Forums are organized discussions, commonly used for social interaction. They serve as a place where people congregate electronically to share

> ideas, voice opinions and build relationships. In an educational setting, forums provide an opportunity for students to digest what they've learned and then share their thoughts in

a more casual setting.

Instructors often use Sakai's forums tool as a way of gauging student comprehension. Instructors can initiate discussion based on a concept or reading, and allow students to take it from there.

When it comes to grading, the new Forums tool provides some flexibility. Instructors can view statistics on forums to grade level of participation, as well as review a student's individual postings, enabling them to grade students based on the quality of their

For additional information on the newest version of this versatile evaluation tool, go to: oithelp. nd.edu/sakaiforumstools.

How I use Sakai

During the 2012-2013 school year, I taught Writing and Rhetoric to two sections of first-year students. As a secondyear graduate student, I was still finishing my own coursework, so finding tools like Sakai to streamline the teaching process

Perhaps the greatest advantage to using Sakai was its Harrington flexibility. My students appreciated that they could access course readings and submit assignments from anywhere with access to the Internet, and that they didn't have to rush to print out copies of their papers five minutes before class. For my part, I was glad not to have to carry stacks of papers from the classroom! Writing and Rhetoric runs on a portfolio system, with students submitting multiple drafts of each assignment. Sakai's electronic assignment submission process kept everything organized for me, so that I could easily look at all the submissions for a particular assignment, or all of the assignments submitted by a particular student, without digging through folders.

Rather than wasting time in class collecting papers, I could set a deadline for 11:59 p.m. the day of class, and Sakai recorded the time when each paper was submitted. Similarly, by writing feedback in the "Instructor Comments" field of the assignment page, students could get my responses immediately, without waiting for the next class period. Even better, they didn't have to try to decipher my handwriting. For early drafts of papers, I would designate the assignment "Checkmark Only," allowing me to provide feedback without assigning a grade. For later drafts, I would give the assignments point values, which then fed directly into the Gradebook. The Gradebook automatically calculates current grades for students based on all graded assignments, which makes it easy to keep tabs on students' progress and assign midterm grades.

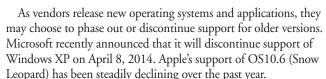
-Marjorie Harrington, Ph.D. student specializing in Middle English



Computer support at ND

To ensure a reliable, secure experience when using Notre Dame IT services, the Office of Information Technologies (OIT) provides support for the versions of computer operating systems, applications and browsers that:

- Continue to be supported by the vendor.
- Have been properly tested so you can access University



Since the operating system, application and browser not only w you to access mends you have rosoft Office





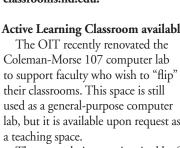
updates	Platform	Operating Syst
Classroom computing	must be compatible, they University IT services. The one of these computer op versions installed on your	nerefore, the OIT recomm perating systems and Micro

Dual-boot lectern computers in classrooms

Lectern computers in all Registrar classrooms offer both Windows 7 and OS X operating systems. Windows is the default on these computers, but if you wish to use OS X, just restart the computer, select OS X before Windows loads, and log in to OS X. For additional information, go to classrooms.nd.edu.

Active Learning Classroom available

The OIT recently renovated the Coleman-Morse 107 computer lab to support faculty who wish to "flip" their classrooms. This space is still used as a general-purpose computer lab, but it is available upon request as



The room design was inspired by SCALE-UP design principles and is suitable for workshops and class sessions where the focus is on learning activities and task-based learning. If you have any questions about the space, or would like to tour the space please contact Brian Burchett at 574-631-6503 or by email at bburchet@nd.edu.

Platform	Operating System Version(s)	Microsoft Office version(s) Word, Excel, PowerPoint, Outlook	Browsers
Windows*	7,8	Office 2010, 2013	Internet Explorer (IE), Firefox, Chrome, Safari
Apple Macintosh**	OS 10.7, 10.8	Office 2011	Safari, Firefox, Chrome

*Windows users: Currently the OIT provides support for Windows 7 and Windows 8. Windows 8 is not recommended for faculty/staff workstations as the interface changes are significant, with minimal benefit in functionality. Microsoft will discontinue support of Windows XP on April 8, 2014; the OIT will not be able to support Windows XP after this date as

**Mac users: Though the OIT currently provides support for OS 10.6 (Snow Leopard), support from Apple is declining.

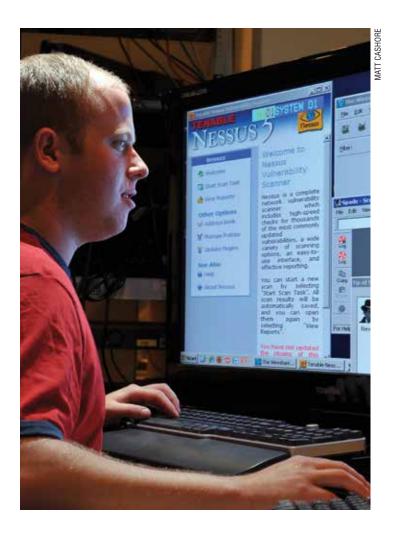
If you have a University-owned computer with an operating system or version of Microsoft Office not listed in the chart above, it needs to be upgraded. You can contact your departmental IT support staff for assistance.

Additionally, if you access University IT services on a personally owned computer, be sure your computer has a supported operating system and version of Microsoft Office installed, and to use the supported browser so Notre Dame IT services will continue to work properly.

You can find information about supported software at oithelp.nd.edu/applications-and-operating-systems. If you have additional questions, please contact your departmental IT support staff, or the OIT Help Desk at 574-631-8111 or **oithelp@nd.edu.**

Collaboration Services at ND

Both Box and Google are available at ND for faculty and staff use. These valuable services allow you to collaborate with others inside and outside of Notre Dame, and offer lots of storage space for your files.



Top 5 Reasons to Use Box

- Your files anywhere—Your files are available to you anywhere that you have a Web browser by logging into **box.nd.edu.** In addition, there are apps for your tablet and mobile phone that let you easily access your files in a friendly way. The Box Sync utility also makes sure that the latest version is always what's available from any place you access your files.
- **Share/collaborate with anyone**—Need to share a file with a student? A colleague at Notre Dame? A friend at another y=university? To share, just send them an email with a link to the file, and they can see it. To collaborate, you can give them editing rights if you need their contributions.
- **50GB of space for free** (if you need more, just ask) that's a lot of space at no cost. If you run out of space, you can request more by contacting the OIT Help Desk. And all of that space is available to you anywhere you can access
- **Full-text search of your files**—Did you forget what you named the file? Did you forget which file you stored it in? Box offers full-text search, so just type in your search, and Box will give you a list of your files that match by file name or by text within each file.
- **Integration with Microsoft Office**—Box offers a tool called Box Edit that allows you to save, open and edit files directly to your Box space using the default application installed on your computer. Click on the Apps icon to find, download and install.

Top 5 Reasons to Use **Google Drive**

- Your files anywhere—Any place that you have a Web browser, you can access your Google Drive. Apps for your mobile phone and tablet are also available so you don't even need a laptop or a
- Previews files of almost any kind without any extra software—Don't have the software you need to view some files? Google Drive previews a wide variety of file types, so you don't need special software just to look at a file.
- Real-time simultaneous editing with your colleagues—Ever needed to work on one file with two or more people, but you had to take turns? Google Drive lets you all work on separate parts of the document at the same time, making it easy to collaborate with your colleagues—whether they are here at Notre Dame or anywhere in the world.
- Files you create in Google Drive don't count **against your quota**—Any documents, spreadsheets, presentations, drawings or forms you create using Google Drive don't count against your Google quota—one less thing to worry about! Google Documents and Spreadsheets tools offer many of the same formatting and functional tools that you are used to in Microsoft Office.
- Free survey tool with Google Forms—Need to send out a short survey, but don't want to incur a cost from a survey vendor? Google Forms in Google Drive lets you create and administer surveys free of charge, store the results in a spreadsheet and summarize the data for you.

Which collaboration tool is right for me?

Notre Dame faculty, staff and students can take advantage of several free collaboration tools. The best choice for you depends on your specific needs and preferences.

	Google	Вох	SharePoint	Sakai
Do you need to store highly sensitive information? (See CorpFS below.)	×	×	×	×
Do you need to manage a class or course and share information with students?	4	1	×	4
Do you need an integrated team site with documents, calendars, tasks, etc.?	\	×	4	×
Do you need to collaborate on a document with another user in real-time?	4	×	×	×
Do you need to store, share, and collaborate on files with users outside of ND?	4	4	×	4



CorpFS is the only Universityapproved location to hold highly sensitive information: credit card numbers, Social Security numbers, driver's license numbers or bank account information.

Sample Uses

- Share contractor Social Security numbers between departments.
- Store research data dealing with an individual's private health information.

oithelp.nd.edu/corpfs

Sakai حا′

Sakai is Notre Dame's course management system that facilitates teaching, learning and assessment. Faculty can share files with students, conduct online quizzes/tests and manage a gradebook.

Sample Uses

- Create individual "dropboxes" for students to submit assignments.
- Manage grades for a course.

sakai.nd.edu

SharePoint

SharePoint at ND is an intranet tool featuring document management and collaboration, workflows, blogs, wikis, shared calendars, business intelligence, dashboards and more.

Sample Uses

- Publish a secure, private blog for internal communication.
- Publish a shared calendar without having to invite people to many individual events.

sharepoint.nd.edu



Google Apps is a suite of cloud tools that allow you to create and store documents, collaborate, and synchronize files across devices. Google also offers a full suite of office tools such as docs, spreadsheets and presentations.

Sample Uses

- Create a survey that saves responses to a spreadsheet.
- Edit a proposal document with a colleague at the same

google.nd.edu



Box is a cloud storage system that allows you to store and synchronize your files across devices, share folders or files, and collaborate with users inside and outside of Notre Dame.

Sample Uses

- Save a document on your computer and opening it from your smartphone.
- Send a link to a large file instead of emailing it as an attachment.

box.nd.edu

Need more help?

A full comparison of collaboration services can be found at oithelp.nd.edu/shared-file-space

Contact

OIT Help Desk 574-631-8111 oithelp@nd.edu



SERVICE ANNIVERSARIES

The University congratulates those employees celebrating significant service anniversaries in August:

30 years

Salvador Cruz, South Dining Hall Prashant V. Kamat, Radiation Laboratory Kimberly S. Krakowski, St. Michael's Laundry Norma R. Kyles, Admissions Elizabeth L. LaCluyze, North Dining Hall Steven T. Ruggiero, Physics Priscilla W. Wong, Campus Ministry

25 years

Joseph P. Amar, Classics

Michele R. Bates, Central Resources Cynthia L. Belmarez, Office of Strategic Planning Gary H. Bernstein, **Electrical Engineering** Ikaros I. Bigi, Physics Carole L. Coffin, Student Affairs Timothy G. Connelly, Track and Cross Country Kevin M. Corrigan, Men's Lacrosse Amitava K. Dutt, Economics and Policy Studies David A. Harr, Office of the Executive Vice President David R. Hyde, **Biological Sciences** Traci L. Ingle, Custodial Services Patrick J. Klaybor, Compton Family Ice Arena Scott C. Malpass, Investment Office Theodore E. Mandell, Film, Television and Theatre Rebecca E. Moskwinski, University Health Services John E. Negri, Catering by Design Laura E. Niven, Risk Management and Safety Olga Perry, North Dining Hall Kathleen A. Pyne, Art, Art History, and Design Christine R. Schaal, Mail Distribution Michael M. Stanisic and Flint O. Thomas, Aerospace and Mechanical Engineering Kathy D. Troth, **Biological Sciences** Stephen Whitaker,

20 years

James M. Ashley, Mary R. D'Angelo and Maura A. Ryan, Theology Alexander Blachly and Daniel C. Stowe, Music Patricia A. Blanchette, Philosophy Andrew C. Gould, Political Science Sandra M. Gustafson and Valerie L. Sayers, English David B. Hartvigsen, Management Mark A. Houseman, Academic and Administrative Services Mary E. Koepfle, Development Kathleen J. Kolberg, Preprofessional Studies **Zuwei Liu,** EIS – Core Services Martina A. Lopez, Art, Art History, and Design

Julliet N. Mayinja, Off-Campus Programs Christine L. McClure, Provost Office Elizabeth A. McIntyre, Custodial Services Jeanne M. Meade, Mendoza College of Business Gerard K. Misiolek, Mathematics Dawn M. Moore, Huddle Catherine Perry, Romance Languages and Literatures Gabriel A. Radvansky, Psychology Steven R. Schmid, Aerospace and Mechanical Engineering Andrew L. Slaggert, Hockey Clara L. Taylor, Central Resources Barbara A. Wiggins,

South Dining Hall

15 years Carl B. Ackermann, Finance Thomas F. Anderson and Elena M. Mangione-Lora, Romance Languages and Literatures Karen S. Baer-Barkley, University Counseling Center W. Martin Bloomer, Classics Timothy S. Boyer and Steven J. Saretsky, Food Services Support Facility Geraldine C. Brown, Development M.B. Coughlin and Heather R. Russell, Student Affairs Delores E. Dazell, North Dining Hall William L. Donaruma and Pamela Wojcik, Film, Television and Theatre Crislyn D'Souza-Schorey, Jeffrey S. Schorey, Mark A. Suckow, Kevin T. Vaughan and Patricia S. Vaughan, Biological Sciences John M. Duffy and Susan C. Harris, English Nicolette Duncan, University Health Services Traig S. Foltz, Academic and Administrative Services Thomas E. Fuja, Electrical Engineering Michael Gekhtman and Liviu Nicolaescu, Mathematics Denise M. Goralski, Physical Education Vanessa F. Henderson and Bounkouang Phanthavong, Custodial Services Shirley N. Kasalo, Investment Office Rosemary H. Kopec, Career Center Janet A. Kourany and Kristin Shrader-Frechette, Philosophy

Vivian R. Lewis, Huddle

John P. Meier, Theology

John C. Nagle, Law School

Susan C. Ohmer, Office of

Digital Asset Management

Anthony M. Rolinski, Varsity

Richard J. Ruder, Fire Protection

Thomas F. Schaefer, Accountancy

Strength and Conditioning

Tami J. Schmitz, Campus

Art, Art History, and Design

Robert P. Sedlack,

Candace M. Rassi,

Student Accounts

Ministry

Suon Nen, Paula Roberts and

Sokha Som, South Dining Hall

Robert E. Norton, German and

Russian Languages and Literatures

Amy K. Shirk, Law Library Rachel Tomas Morgan, Center for Social Concerns Deborah A. Van Bruaene, St. Michael's Laundry Mark J. Vigneault, Physics Sarah E. West, Chemistry and Biochemistry Catherine H. Zuckert and Michael P. Zuckert,

10 years

Political Science Cristina Anderson, Legends Robert Audi, Philosophy David M. Bartels, Radiation Laboratory Susan Baxmeyer and Phillippe A. Collon, Physics **Julie Boynton** and **Anthony** J. Polotto, Planning, Design and Construction David M. Byrne, **Building Managers** David Cavalieri, Aerospace and Mechanical Engineering Mayland Chang, Dusan Hesek, Viktor Krchnak, Mijoon Lee, Shahriar Mobashery, Jeffrey W. Peng, Marta Toth and Sergei Vakulenko, Chemistry and Biochemistry Clayton K. Cole, Film, Television, and Theatre Annette E. Eaton, Alcohol and Drug Education David W. Fagerberg and Gabriel S. Reynolds, Theology Molly M. Fremeau, Food Services Administration Dawn Greathouse, Women's Soccer Julie Hart and Larry R. LeMaire, Rolfs Aquatic Center Amy Huber, Basilica of the Sacred Heart Debdeep Jena, Electrical Engineering Lei Li and Matthew J. Michel, **Biological Sciences** Sharon J. Loftus, Law School Amy N. Mason, Golf Course Administration Sara L. Maurer, English Carla McDonald, North Dining Hall Margaret H. Meserve, History Jeffrey A. Morris,

MBA Career Development

Aerospace and Mechanical

Irene J. Park, Psychology

Syphone Phoutpannha,

John Slaughter, Engineering

and Science Computing

Thomas A. Stapleford,

Program of Liberal Studies

Janice Verwilst, Admissions

Custodial Services

South Dining Hall

Maria Ramirez,

Adminstration

Alice M. Nightingale,

Engineering

NEW EMPLOYEES

The University welcomes the following employees who began work in July, including a number of new Morris Inn staff:

Megan Akatu, Albino Akoon, Theodore V. Braun, Aaron Brock, Matthew N. Cappellini, Melissa Cass, Carmen L. Erickson, Heather Goralski, Matthew J. Hentz, Shane Hinkle, Nora Hussein, Beverly Kagel, Benjamin Q. Kartje, John G. Kramer, Amarah Laquindanum, Samantha J. Laycock, Broderick Lee, Sean T. Leyes, Henry J. Loranger, Cambria Mansfield, Craig Marsh, Matthew J. Marshall, Issam Marzouki, Mary R. Morgan, Rodolfo Navarro, Henriette R. Ngenga, Matthew L. Parker, Tracy M. Post, Alonso Rey, Lauren Rieff, Dulce M. Rivera-O'Brien, Diane L. Santi, Sarah Schramm, Velisa M. Scott, Cassandra L. Sprigg, Timothy J. Timberlake, Bruce M. Weeks, and Jessica N. Zloza, Morris Inn Kathryn Anderson and Mary Goodman, Admissions Tabbitha Ashford and Dejon Purnell, RecSports Kimberly H. Belcher, Theology Lauren M. Bolland and Michele A. Talos, Law School Admissions David J. Brewton, **Utilities-Operations** Nathan H. Bush, Ryan S. Camden, John J. Nolan and Alan P. Wasielewski, Athletics Digital Media Cristina Carrazza and Xin Wen, Psychology Carrie Casner, St. Michael's Laundry Paige N. Cox and Jody A. **Peters, Biological Sciences** Sarah G. Dalton, Summer Camps Jeannine DiCarlantonio, Nhat Nguyen, Patrick E. Reidy and Christopher G. Tarnacki, Residence Halls Staff

Tyrone Diment, Huddle Jeffrey Faust, Stephen Marks and George Moser, Customer Support Services Marty Harshman, James W. Riley and Kristin Roose, Development Ashley Johnston, School of Architecture Jessica F. Keating, Institute for Church Life Jill D. Lerner and Jessica O'Hearn, ND Center for Arts & Culture Katherine Linnertz, Women's Lacrosse Paul D. Manrique, Katelyn Mendoza and Laura Peterson, Student Activities Victoria S. Mansoor. Multicultural Student Programs and Services Justin McManus, Band Sarah N. Mead, ND Marketplace Jim Morrison, Provost Office Ciara M. O'Halloran, Student Managers Timothy P. Real, Catering by Design Sarah C. Rodts and George A. West, Office of Campus Safety Patrick R. Rogers, Men's Basketball Laura Tarwater, Harper Cancer Research Institute Esther L. Terry, Satellite Theological Education Program Jeffrey R. Thibert, Center for Undergraduate Scholarly Engagement Catrina M. Thompson, Women's Tennis Frank Vaccaro, Rolfs Aquatic Center Lin Wang, Development Marketing and Communications Benjamin J. Wilson, Center for Social Concerns

University adds new children's choir

Program will reinvigorate sacred music education in Michiana

BY MICHAEL O. GARVEY, PUBLIC RELATIONS

The voices of 40 children will be added to the University of Notre Dame's internationally renowned choirs this fall.

According to Mark B. Doerries, conductor of The University of Notre Dame Children's Choir, "Our program is geared toward three populations: the children of Notre Dame, Saint Mary's, and Holy Cross faculty and staff; children from local Catholic and Protestant churches that do not currently have children's choirs; and home schooling families who may not have access to artistic children's programs."

Participation in the ecumenical choir is free, and information on auditions and registration is available online at theology.nd.edu/graduateprograms/master-of-sacred-music/childrenschoir/ndcc-auditions.

Doerries said a principal concern of the new choir is to reinvigorate children's sacred choral music and education in South Bend area churches. In addition to singing ecumenical sacred music, choristers, ages 8 to 14, will receive voice lessons led by graduate students of the Masters of Sacred Music program at Notre Dame, take part in a musical retreat at the Michiana Christian Service Camp each fall, perform in a sacred music drama each spring and participate in an annual festival of local church choirs with a nationally recognized choral conductor.

Contact: Mark Doerries, 631-6528, mdoerries@nd.edu.



Facility Hours

Effective Aug. 26 - Dec. 19, with special hours of operation for football Saturdays, varsity swim meets, fall break, Thanksgiving break and final exam study days.

Rolf Sports Recreation Center

574-631-3068

Mondays — Fridays 5:45 a.m. - 11 p.m.

Saturdays 9 a.m. -11 p.m. (9 a.m. - noon Family Hours) Sundays noon - 11 p.m. (noon - 2 p.m. Family Hours)

Rockne Memorial Building

574-631-5297

Mondays — Fridays 6 a.m. — 11 p.m.

Saturdays and Sundays 10 a.m. - 11 p.m. (2 - 5 p.m. Family Hours)

Rockne Pool

Mondays — Fridays 6 - 9 a.m., 11:30 a.m. — 6:30 p.m.

Mondays — Thursdays 9-10 p.m.

Saturdays 1-6 p.m. (2-5 p.m. Family Hours)

Closed Sundays

Rockne Weight Room

Mondays — Fridays 7 - 8:30 a.m., noon - 1:30 p.m., 3:30 - 11 p.m. Saturdays and Sundays 3:30-11 p.m.

Rockne Climbing Wall

Mondays — Thursdays 6 - 10 p.m. Closed Fridays, Saturdays and Sundays Sundays 2-6 p.m.

Rolfs Aquatic Center

574-631-5980

Mondays — Thursdays 9:30 a.m. - 2 p.m., 8 - 10 p.m.

Fridays 11 a.m. -2 p.m.; 8 - 9 p.m.

Closed Saturdays

Sundays 1-6 p.m. (2-5 p.m. Family Hours)

F.A.S.T. (Faculty and Staff Training)

Open to employees, spouses and retirees. Classes meet Sept. 3 - Dec. 20.

Mondays 9 – 10 a.m. 12:15 – 12:45 p.m.	Zumba	Kimmi	RSRC AR 1	\$30
	Zumba Express	Maria	RSRC AR 1	\$25
Tuesdays 9 – 10 a.m. 12:15 – 12:45 p.m.	Cardio Sculpt	Indiana	RSRC AR 2	\$30
	Flex N Tone	Indiana	RSRC AR 2	\$25
Wednesdays 9 – 10 a.m. 12:15 – 12:45 p.m.	Yoga	Steve	RSRC AR 1	\$70
	Cardio Express	Indiana	RSRC AR 2	\$25
Thursdays 9 – 10 a.m. 12:15 – 12:45 p.m.	Cardio Sculpt	Indiana	RSRC AR 2	\$30
	Flex N Tone	Indiana	RSRC AR 2	\$25
Fridays 9 – 10 a.m. 12:15 – 12:45 p.m.	Pilates Mat	Patty	RSRC AR 1	\$70
	Cardio Express	Indiana	RSRC AR 2	\$25

Upcoming Special Events

Register online via RecRegister.

RecSport Biathlon

Sept. 14, St. Joe Beach (0.5-mile open water swim, 2-mile run around lakes)

Oct. 12, Legends on campus (2-mile walk, 3-mile run, 6-mile run)

Shamrock Classic

Oct. 26-27, on campus (NIRSA Regional Flag Football Tournament)

For more information or to register via RecRegister, visit recsports.nd.edu

Recsports.nd.edu

New! RecRegister has a new look and includes user-friendly features just in time for the fall! Register online for your favorite fitness class or a campus run, sign your child up for swim lessons or a family event, take advantage of great savings on personal training packages, or join a club sport! Students, faculty and staff use their ND ID. Spouses may receive their unique usernames and passwords with a visit to the Rolfs Sports Recreation Center. Don't wait for registration to open: Get a head start today by logging in!

Fitness Classes

Classes meet Sept. 2 - Dec. 12. No classes during Fall Break, Oct. 19 - 27. Schedules are subject to change.

Mondays

6:15 — 7 a.m.	Sunrise Cycle	Indiana	Rockne B026	\$50
11 - 11:45 a.m.	Gentle Healthy Toning	Patty	RSRC AR 1	\$25
5:30 - 6:15 p.m.	Indoor Cycling – 45	Angela	Rockne B026	\$50
5:30 - 6:15 p.m.	Poolates Combo	Patty	Rockne Pool	\$25
5:30 - 6:30 p.m.	Zumba	Gisele	RSRC AR 1	\$25
5:30 - 6:30 p.m.	Cardio Core	Cindy	RSRC AR 2	\$25
5:30 - 6:30 p.m.	Yoga	Steve	Rockne 205	\$60
6:45 - 7:45 p.m.	Yoga Basic	Patty	Rockne 205	\$60
6:45 - 7:45 p.m.	Body Sculpt	Annie S.	RSRC AR 1	\$25
6:45 - 7:45 p.m.	Cardio Kickboxing	Lisa	RSRC AR 2	\$25
Turandana				

iucsuays				
6 - 7 a.m.	Power Yoga	Steve	RSRC AR 1	\$60
12:10 − 12:50 p.m.	Yoga	Linda	RSRC AR 1	\$60
12:15 — 12:45 p.m.	Cycle Express	Lisa	Rockne B026	\$50
5:30 — 6:15 p.m.	Indoor Cycling – 45	Annie K.	Rockne B026	\$50
5:30 - 6:30 p.m.	Pilates Mat	Bridgette	Rockne 205	\$60
5:30 - 6:30 p.m.	Zumba	Jennifer	RSRC AR 1	\$25
5:30 - 6:30 p.m.	Cardio Bootcamp	Indiana	RSRC AR 2	\$25
6:45 — 7:15 p.m.	Tabata Plus	Kari and Cindy	RSRC AR 1	\$25
6:45 — 7:45 p.m.	20/20/20	Indiana	RSRC AR 2	\$25

Wednesdays

Woulloadaya				
6:15-7 a.m.	Sunrise Cycle	Indiana	Rockne B026	\$50
11 − 11:45 p.m.	Zumba Gold	Patty	RSRC AR 2	\$25
Noon - 1 p.m.	Yoga	Steve	RSRC AR 1	\$60
5:30 — 6:15 p.m.	Poolates Combo	Patty	Rockne Pool	\$25
5:30 — 6:15 p.m.	Indoor Cycling – 45	Angela	Rockne B026	\$50
5:30 - 6:30 p.m.	Yoga	Steve	Rockne 205	\$60
5:30 — 6:30 p.m.	Zumba	Gisele	RSRC AR 1	\$25
5:30 - 6:30 p.m.	Body Sculpt	Cindy	RSRC AR 2	\$25
6:45 — 7:45 p.m.	Cardio Core	Indiana	RSRC AR 1	\$25
6:45 — 7:45 p.m.	Pure Barre	Bre	RSRC AR 2	\$25
6:45 — 7:45 p.m.	Pi Yoga	Patty	Rockne 205	\$60

Thursdays				
6 – 7 a.m.	Yoga	Steve	RSRC AR 1	\$60
12:15 — 12:45 p.m.	Cycle Express	Sue	Rockne B026	\$50
5:30 — 6:30 p.m.	Tabata Plus	Kari and Lisa	RSRC AR 2	\$25
5:30 — 6:30 p.m.	Body Sculpt	Alyssia	RSRC AR 1	\$25
5:30 — 6:30 p.m.	Yoga Challenge	Steve	Rockne 205	\$60
6:45 — 7:45 p.m.	Zumba	Jennifer	RSRC AR 1	\$25
6:45 — 7:45 p.m.	20/20/20	Cindy	RSRC AR 2	\$25
Fridays				
6.15 – 7 a m	Sunrise Cycle	Indiana	Rockne R026	\$50

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12 - 1 p.m.	Yoga	Steve	RSRC AR 1	\$60
5:30 - 6:30 p.m.	Cardio Funk	Megan	RSRC AR 2	\$25
		-		
Sundays				
1:30 — 2:15 p.m.	Indoor Cycling – 45	Annie K.	Rockne B026	\$50
1:30 — 2:30 p.m.	20/20/20	Megan	RSRC AR 1	\$25
2:45 — 3:45 p.m.	Pi Yoga	Patty	RSRC AR 1	\$25
2:45 — 3:45 p.m.	Pure Barre	Bre	RSRC AR 2	\$25
4 – 5 p.m.	Zumba	Caitlin	RSRC AR 1	\$25

Family FIRST (Fitness Instruction and Recreational Sports Training)

These five-week class series focus on sports instruction and education for the whole family. Registration opens online Sunday, Sept. 1, via RecRegister for Session I and Monday, Oct. 14 for Session II.

Family Climbing Sundays Sept. 15 - 0ct. 131 - 2 p.m. Rockne Memorial Climbing Wall

Family Climbing Sundays Nov. 3 - Dec. 81 - 2 p.m. Rockne Memorial Climbing Wall

Personal Training

Hiring a personal trainer can be a great way to make a real change in your life. This fall, RecSports is offering a special promotion, Work Off Your Weekend! Every Monday during football season, take 10 percent off all personal training packages. Visit recsports.nd.edu every Monday for a special promo code to enter in the RecRegister checkout.



Learn to Swim

RecSports offers three categories of swim lessons: Parent and Infant, Pre-School-Aged, and School-Aged aquatic education. To accommodate more restricting schedules, private lessons are also offered. Learn to Swim is open to Notre Dame students, employees, spouses, retirees and affiliated families, as well as the public. Please note that public lessons are subject to a different registration period to give priority to the Notre Dame community. Swim assessments are mandatory for first-time registration at the Rockne Memorial of any participant 3 years or older. All lessons take place at Rockne Memorial Pool.

Swim Assessment Friday, Aug. 30 5:30-7:30 p.m. (no registration necessary)

Session I

ND Registration opens 9 a.m. Monday, Sept. 2; public registration opens Monday, Sept. 9. Mondays and Wednesdays 4-5 p.m. (Sept. 16 – Oct. 9) \$50 Tuesdays and Thursdays 5-6 p.m. (Sept. 17 – Oct. 10) \$50 Sundays 11 a.m. - 2 p.m.(Sept. 22 – Oct. 13) \$30

Session II

ND Registration opens 9 a.m. Monday, Oct. 14; public registration opens Monday, Oct. 21. Mondays and Wednesdays 4-5 p.m. (Oct. 28 – Nov. 20) \$50 Tuesdays and Thursdays 5-6 p.m. (Oct. 29 – Nov. 21) \$50 Sundays 11 a.m. - 2 p.m.(Nov. 3 - Nov. 24) \$30

For Families

Even Fridays are family events held on the second and fourth Friday of every month, unless otherwise noted. These events are designed to meet the recreational needs of the whole family and seek to be fun and budget-friendly, as well as highlight family-friendly activities in the local community. To participate, please register online via RecRegister.

Aug. 30, 5:30 – 7:30 p.m. **Swim Assessment Night** at Rockne Memorial Pool

Sept. 13, 5:30 - 7:30 p.m. **Chess Clinic Night** at Rolfs Sports Recreation Center

Sept. 27, 5:30 – 7:30 p.m. **Fencing Clinic Night** at Joyce Center Fieldhouse

Oct. 12, 9 a.m. - noon **Domer Run Day** (Saturday) at Legends on campus

Oct. 25, 5:30 – 7:30 p.m. **Pumpkin Patch Visit** at Thistleberry Farms

Nov. 8, 5:30 - 7:30 p.m. Family Swim at Rockne Memorial Pool

Nov. 22, 5:30 - 7:30 p.m. **Bowling Night** at Strikes & Spares Alley

Dec. 20, 5:45 - 6:35 p.m. and 6:45 - 7:35 p.m.

Holiday Family Skate at Compton Family Ice Arena

Instructional Series

Classes meet for series of weeks. No classes during Fall Break, Oct. 19-27.

D 0 :				
Dance Series				
Irish Step Mondays 8 – 9 p.m.	Connor	RSRC AR 1	Sept. 9 — Nov. 25 (No class Nov. 4)	\$35
Beginner Ballet			(110 01033 1101. 4)	
Mondays 7:55 — 8:50 p.m.	JoAnn	RSRC AR 2	Sept. 9 – Nov. 18	\$35
Intermediate Ballet				,
Mondays 8:55 — 9:50 p.m.	JoAnn	RSRC AR 2	Sept. 9 – Nov. 18	\$35
Partner Latin Dance				
Tuesdays 7:30 — 8:30 p.m.	Ramzi	RSRC AR 1	Sept. 10 – Nov. 19	\$35
Hip-Hop Dance				
Tuesdays 8 – 9 p.m.	Bre	RSRC AR 1	Sept. 10 — Nov. 19	\$35
Beginner Ballet				40-
Wednesdays 7:55 – 8:50 p.m.	JoAnn	RSRC AR 2	Sept. 11 – Nov. 20	\$35
Intermediate Ballet	la A n n	DCDC AD 0	Cant 11 Nav 20	φοr
Wednesdays 8:55 — 9:50 p.m.	JOANN	KSKC AK Z	Sept. 11 – Nov. 20	\$35
Martial Arts Series				
Tai Chi				
Mondays 5:30 — 6:30 p.m.	Br Rav	Rockne 109	Sept. 9 – Nov. 18	\$40
Women's Defense Fight	2		50pt. 5 25	Ψ
Mondays 6:45 – 7:45 p.m.	Wally	Rockne 109	Sept. 9 – Nov. 18	\$40
Beginner Shotokan				
Tuesdays 6:30 — 7:30 p.m.	Matt M	. Rockne 109	Sept. 10 – Nov. 19	\$40
Brazilian Jiu Jitsu				
Wednesdays 7:45 – 8:45 p.m.	Wally	Rockne 109	Sept. 11 – Nov. 20	\$40
Advanced Shotokan	V4 - TT V4	Dardon 100	O+ 10 N 01	ф4O
Thursdays 6:30 — 7:30 p.m.	Matt M	. Rockne 109	Sept. 12 – Nov. 21	\$40
TRX Suspension Training Seri	20			
Tuesdays 5:30 — 6:15 p.m.	Ed	Rockne 109	Sept. 10 – Oct. 15	\$25
Thursdays 5:30 — 6:15 p.m.	Mac	Rockne 109	Sept. 12 – Oct. 17	\$25
Fridays 12:15 – 1 p.m.	Mac	Rockne 109	Sept. 13 – Oct. 18	\$25
Tuesdays 5:30 — 6:15 p.m.	Ed	Rockne 109	Oct. 29 – Dec. 10	\$25
Thursdays 5:30 — 6:15 p.m.	Mac	Rockne 109	Oct. 31 – Dec. 12	\$25
		(No class Nov. 28)		
Fridays 12:15 — 1 p.m.	Mac	Rockne 109	Nov. $31 - Dec. 12$	\$25
		(No class Nov. 29)		
Sports Series				
Beginner Tennis	1	Fil Tools On the	0 1 10 . 0. 1 15	фиг
Tuesdays 7 – 8 p.m.	Jennie	Eck Tennis Courts	Sept. 10 – Oct. 15	\$45
Intermediate Tennis Tuesdays 7 – 8 p.m.	Ionnio	Eck Tennis Courts	Oct. 29 – Dec. 3	\$45
Fencing	Jeilille	LCK IGIIII2 COUIT2	UCI. 23 — Dec. 3	φ43
Wednesdays 7 – 8:30 p.m.	lan	Joyce Center	Sept. 11 – Nov. 20	\$60
110d1100ddy0 7 0.00 p.iii.	iuii	Joydo Gontoi	00pt. 11 110v. 20	φοσ
Water Series				
Lifeguarding				
Wednesdays 6 – 9 p.m.	Sarah	Rockne Pool	Sept. 11 – Nov. 20	\$125
S.C.U.B.A.				
Sundays 3:30 – 7:30 p.m.	Kathy	Rockne Pool	Sept. 8 – Dec. 2	\$215
Wallness Carica				
Wellness Series Pre/Post-Natal Yoga				
i ic/r ust-ivatal Tuga				

Intramural Sports

Sundays 1-2 p.m.

Registration is two days online at Rolfs Sports Recreation Center; see sports for registration dates. Turn entry forms and sports fees into Rolfs Sports Recreation Center. Fee can be paid by check, cash, hall account or FOAPAL number.

RSRC AR 1

Sept. 22 – Oct. 20

Monday, Sept. 2 – Tuesday, Sept. 3 Baseball IH (M), \$50 Sand Volleyball CR \$25 Tackle Football IH (M) \$100 Tennis Singles All Campus (M & W) \$10

Monday, Sept. 9 – Tuesday, Sept. 10 7 vs 7 Indoor Soccer CR \$55 Badminton Singles All Campus (0) \$5 **Dodgeball IH** (M & W), GFS (0) \$20 Flag Football IH (W), CR, All Campus (M) \$55 Four-Person Golf Scramble IH (M & W), GFS \$100 **Individual Cross Country GFS** (M & W) \$5 Team Cross Country IH (M & W) \$20

Monday, Sept. 30 – Tuesday, Oct. 1 **Broomball CR \$80** Racquetball Singles IH (M & W), GFS (0) \$5 Table Tennis Singles All Campus (0) \$5 Volleyball IH (M & W) \$25

Monday, Nov. 4 — Tuesday, Nov. 5 Basketball IH (M & W), CR, GFS (M) \$55

Monday, Dec. 9 – Tuesday, Dec. 10 Ice Hockey IH (M) \$425 Indoor Soccer All Campus (M & W) \$50



Join the club and Bike ND!

There's a new club on campus, brought to you by RecSports, Human Resources, NDSP, Sustainability, Public Affairs, Food Services and fellow cycling enthusiasts!

Bike ND will work to:

- Provide educational programming as well as structured programs to promote the viability of biking to campus.
- Address logistical and safety concerns.
- Promote surrounding community cycling opportunities and initiatives.

Registration is FREE and available beginning Monday, Aug. 26, at **recsports.nd.edu.** Just click the 'Recregister' icon. Questions? Contact Tabbitha in RecSports, 631-5849 or visit blogs.nd.edu/bikend.

Crawford rides again for NPC







Science dean raises more than \$500,000 for research

BY GENE STOWE, FOR NDWORKS

College of Science Dean Gregory **Crawford's** fourth cross-country bicycle ride raised more than \$500,000 for research in the fight against Niemann-Pick Type C (NPC) disease.

The 35-day, 3,700-mile ride began in Los Angeles and ended at the National Niemann-Pick Disease Foundation's 21st Annual Family Support and Medical Conference in Baltimore on Aug. 2. Crawford has biked more than 11,200 miles in four summers.

"I'm so proud to be a part of the Notre Dame mission, supporting NPC research for the families and children who suffer from this disease, and to raise money for research for our phenomenal and dedicated faculty members at Notre Dame," Crawford said.

Money raised this year will fund clinical trials on a promising drug that Professor Paul Helquist and his collaborators have identified

for treating NPC.

Little was known about NPC 20 years ago when three of legendary Notre Dame football coach Ara Parseghian's grandchildren were diagnosed with the rare, fatal, incurable genetic disorder. His son and daughter-in-law, Mike and Cindy Parseghian, launched the Ara Parseghian Medical Research Foundation that has raised millions for research.

Crawford's first ride in 2010 was from Tucson, Ariz., to Notre Dame to deepen ties between the foundation and the University, where NPC has been a focus in the Center for Rare and Neglected Diseases, directed by Kasturi Haldar, and other laboratories, including **Helquist**, **Olaf Wiest**, Kevin Vaughan, Rich Taylor and Holly Goodson.

Notre Dame alumnus Norbert Wiech, who has had a successful career in pharmaceuticals, started Lysomics LLC to guide potential treatments through the FDA approval process.

This year's Road to Discovery ride included visits to 16 Notre Dame Clubs along the way and to family and children with NPC, as well as top leaders and researchers at prominent universities, including the University of

Arizona, the University of Texas, Austin; Tulane University; Duke University, University of California, Santa Barbara: University of California, San Diego; and N.C. State University.

The ride began after the close of the Parseghian Classic gold event at Pebble Beach, Calif., which raised \$100,000 for NPC research. Earlier in the spring, Parseghian's former players and friends presented him with a check for \$300,000 for NPC research.

"Greg has been an inspiration to us and he came along just when we needed him the most," said Parseghian.

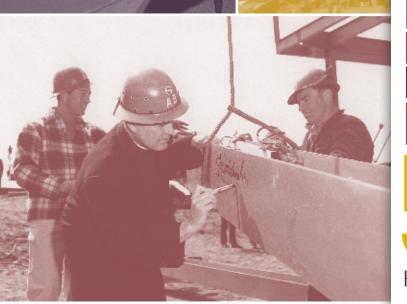
During the bike ride, Crawford also met children and young adults with NPC and their family members, including more than 100 families who greeted him at the conference.

"My constant inspiration is the children and families who are suffering from this disease, including the beautiful faces of Michael, Marcia and Christa Parseghian on the van that rides with me," he told a crowd of conference-goers and Notre Dame alumni who greeted him at the finish line in Baltimore.

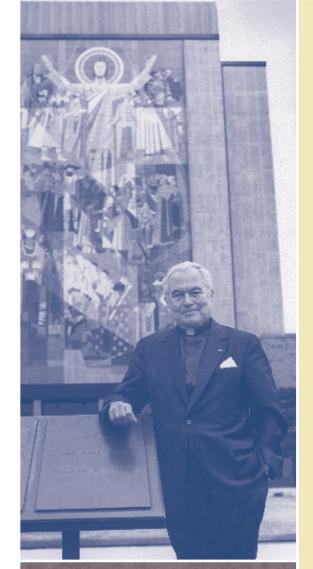
CELEBRATING **50 YEARS** OF THE HESBURGH LIBRARY











Connecting People to KNOWLEDGE

LIBRARY

1963-2013

Mentions of a college library at Notre Dame date as far back as 1869. In 1873, a central circulating library for students was established in the Main Building. In 1917, Bond Hall was built to house the expanding central library, and there it remained until Memorial Library opened in 1963.

More than 50 years ago, Rev. Theodore M. Hesburgh, C.S.C., dreamed of a new library building that would serve, along with the Basilica and the Golden Dome, as one of the three pillars of the Notre Dame campus. It would become the academic heart of the University. He envisioned that Memorial Library and its now world famous Word of Life mural would stand, for all to see, as a symbol of academic excellence and the pursuit of truth.

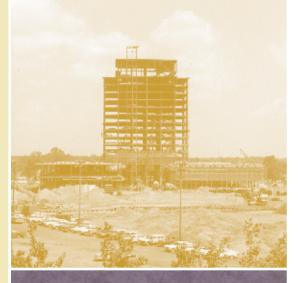
On the 50th anniversary of the opening of Memorial Library (renamed Hesburgh Library in 1987), we reflect on this vision-turned-reality and the vital contributions the Libraries have made to the advancement of Notre Dame, its faculty, students, and alumni.

We celebrate the Libraries' enduring mission of connecting people to the world's knowledge and preserving that knowledge for scholars throughout

Join us as we embrace this vision anew, ensuring that the Libraries of Notre Dame will inspire intellectual inquiry and academic excellence for the next 50 years and beyond.

Thomas G. Burish, Provost

Diane Parr Walker, Edward H. Arnold University Librarian

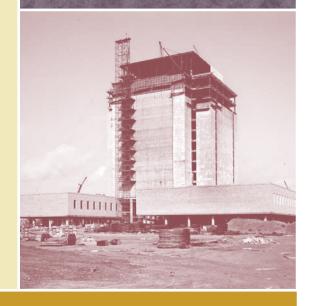


as we kick off our 50th Anniversary Celebration

Please join us

4 p.m. - 6 p.m. Hesburgh Library Richard and Margaret Carey Courtyard

Friday, September 20



For more information, visit

50years.library. nd.edu