

NDWorks

Vol. 8, No. 8

News for Notre Dame faculty and staff and their families

March 24, 2011

ND wants your ideas on ways to improve our efficiency

Town Hall meetings also review ND Voice findings

BY GAIL HINCHION MANCINI,
INTERNAL COMMUNICATIONS

Notre Dame **Executive Vice President John Affleck-Graves** has called on University staff members to support the Advancing Our Vision initiative by submitting their thoughts about how the University can increase our efficiency to support the University's strategic goals.

Notre Dame's founder, the Rev. Edward F. Sorin, C.S.C.; head football coach Knute Rockne; and President emeritus the Rev. Theodore M. Hesburgh, C.S.C., all led the University through transformational moments. Staff input is vital as the campus community considers how today's generation of faculty and staff will make a transformative impact on the University, Affleck-Graves said in Town Hall meetings earlier this month.

"There are moments in time that have made us a completely different University," Affleck-Graves said.



John Affleck-Graves, above, and at right, greeting staffers at a Town Hall meeting reception.

"Now is our time. We now have the chance to change Notre Dame. What are *we* going to do to make the world a better place?"

The Advancing Our Vision initiative focuses on supporting transformative momentum toward

our goals as economic pressures continue to restrict revenue growth. Affleck-Graves reviewed those pressures, which are being felt across all significant revenue streams. Parents can shoulder only limited tuition increases, donor giving

and the University's endowment have not recovered to pre-recession levels, and pending state and federal budget cuts are likely to place pressure on research awards.

University **President Rev. John I. Jenkins, C.S.C.**, announced the Advancing Our Vision initiative in a letter to the campus community last month, calling on faculty and staff to identify overall savings of 2 percent to 4 percent of the University's budget that could be dedicated to strategic priorities. Father Jenkins has established a

committee to oversee this project and make recommendations by the end of June. Implementation of these ideas is to begin in the fall.

The timing is right, Affleck-Graves said, because so many top universities are experiencing economic challenges, while Notre Dame is stable. "It's a great time for us to get good students and good faculty members.

"The people who best know where we're using resources inefficiently are you—the people who do things day to day," Affleck-Graves said. "What are the areas where you say, 'These aren't the things we need to do'? Give us your ideas."

Any faculty or staff member can submit an idea about savings to **AdvancingOurVision.nd.edu** by clicking on the "Help Us: Give a Suggestion" button in the left column. Practical steps that have resulted in savings include buying office equipment and supplies from preferred vendors and using the new **travelND** online travel and expense management process.

Additional coverage on pages 4 and 5.

2012 budget growth lowest in 10 years

BY GAIL HINCHION MANCINI,
INTERNAL COMMUNICATIONS

The fiscal 2012 budget reflects a continued strategy of financial conservatism with investments in critical initiatives that advance the University's mission and aspirations.

The \$1.175 billion budget shows the lowest increase in both revenues and expenditures in 10 years. It will enable the University to meet immediate needs and also maintain contingency funds, should the economy again turn downward.

Very few areas will receive increased allocations, and the increases reflect the goals of the administration and Board of Trustees in supporting Notre Dame's forward momentum, including:

- Additions to undergraduate and graduate financial aid that display Notre Dame's commitment to need-blind admissions and meeting full need for undergraduate students, and its commitment to enhanced support for graduate students.
- Faculty and staff pay increases that allow the University to make progress toward the goal of faculty salaries at the median of peers in the Association of American Universities and to maintain staff salaries at market-competitive levels. Core infrastructure support, mainly for new facilities, software and technology upgrades, and staff training also received some additional funding.

HARPER HALL DEDICATION

Harper Hall, the new home of the Mike and Josie Harper Cancer Research Institute—a novel collaboration between the University and Indiana University School of Medicine—was dedicated Tuesday, March 8.

Part of the funding for Harper Hall came from the foundation of Charles M. "Mike" Harper, left, a former South Bend resident and the retired chair and chief executive officer of ConAgra Foods. Harper made a \$10 million contribution to Notre Dame to support cancer research programs, matched by a \$10 million appropriation from the State of Indiana to Indiana University for the project.

The new building, located adjacent to Raclin-Carmichael Hall, home of the IU School of Medicine, South Bend, on the corner of Angela Boulevard and Notre Dame Avenue, contains 55,000 square feet of office and research laboratory space.



PHOTOS: MATT CASHORE

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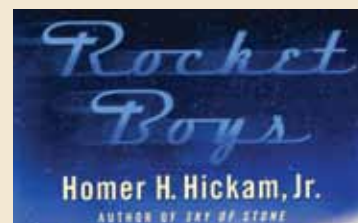
Don't get phished!

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NEWS BRIEFS

KURAMA RECEIVES GRANT FOR RESEARCH ON EARTHQUAKE-RESISTANT WALLS

Yahya C. Kurama, associate professor of civil engineering and geological sciences, recently received an \$894,467 grant from the National Science Foundation's George E.



COLLEGE OF ENGINEERING

Kurama, at right.

Brown Jr. Network for Earthquake Engineering Simulation program.

The grant will fund core research in new and more practical types of earthquake-resistant coupled structural wall systems. His efforts are focused on the development of a structure that can provide significant performance, construction and economic benefits over conventional systems. For more information, visit nd.edu/~cegeos/structural/index.html.

EGGLESON JOINS NDNANO

Dr. Kathleen K. Eggleston has joined the Notre Dame's **Center for Nano Science and Technology (NDnano)** as a research scientist working on issues related to the Ethical, Legal, and Social Implications (ELSI) and Environmental Health and Safety (EHS) of nanotechnology.

In this capacity, she will help the center look at how advances in billionths-of-a-meter-scale science and engineering can have both positive and negative effects on humans and the environment.

"The immense potential of nanotechnology to benefit the common good will only be fully realized when assessment of risks to the environment, public health, and occupational safety as well as consideration of ethical, legal, and social implications are conducted in synchrony with responsible research and development," says Eggleston.

ANNUAL FATHER TED RUN TO BENEFIT TRIO PROGRAMS

The fourth annual **Father Ted Run**, benefiting TRiO Programs, takes place at 9 a.m. Sunday, May 1, starting from the Jordan Hall of Science. The event includes 5K and 10K runs and a family walk. For more information and registration, visit nd.edu/~upbound. TRiO programs on campus include Upward Bound and Educational Talent Search.

COMMUNIVERSITY DAY ENGAGES STUDENTS AND COMMUNITY IN A DAY OF SERVICE

Student Government welcomes members of the campus community to get involved in two major spring activities, **CommUniversity Day** Saturday, April 2, and the **Bald and the Beautiful** cancer fundraiser April 13 to 15.

CommUniversity Day annually engages students and community members in a day of service. Faculty and staff can join such activities as fire hydrant painting, storm sewer identification, parks cleaning and preparing community gardens for planting. Details on getting involved are at CommUniversityDay.nd.edu.

Also planned, families can enjoy games, face-painting and an Easter egg hunt during a children's party from 1 to 4 p.m. on Irish Green. All members of the faculty and staff also are welcome to participate in a CommUniversity Day food drive by dropping food off April 2 at the Robinson Community Learning Center, where a community picnic will take place from 4 to 6 p.m. The Center for Social Concerns also is a CommUniversity Day partner.

The **Bald and the Beautiful: ND Fights Cancer** fundraiser hopes to raise \$60,000 in this third annual event supporting the St. Baldrick's Foundation, a national pediatric cancer research foundation, and Memorial Hospital. Colored hair extensions will be on sale. Students—usually student-athletes—shave their heads for donations, or cut their long



'WHAT WOULD YOU FIGHT FOR?' ADS WIN NATIONAL AWARDS

The Higher Education Marketing Report, which annually recognizes outstanding university communications with its Educational Advertising Awards, has recognized Notre Dame's "What Would You Fight For?" television ad series with several awards. The series will be featured in an upcoming issue of the publication.

The Educational Advertising Awards is the largest educational advertising awards competition in the country. This year, more than 2,500 entries were received from more than one thousand colleges, universities and secondary schools from all 50 states and several foreign countries.

The "Fighting For" series won a Best In Show award (Just 17 entries received this award) and a

Gold Award in the "Television Advertising: Series" category (the category's top award).

In addition, "An Irish Blessing," a 30-second television spot narrated by Provost Tom Burish, won a Bronze Award in the "Television Advertising: Single Spot" category.

Judges for the Educational Advertising Awards consisted of a national panel of higher education marketers, advertising creative directors, marketing and advertising professionals and the editorial board of Higher Education Marketing Report.

This year's "What Would You Fight For" series highlighted the research, scholarly achievements and social initiatives of Notre Dame faculty and students. To view the videos, visit fightingfor.nd.edu.

locks to donate to Pantene Beautiful Lengths, which creates wigs for cancer patients.

St. Baldrick's activities take place in LaFortune Student Center beginning at 4 p.m. each day. Register to donate or shave hair or buy a hair extension at nd.edu/~class12.

DEBARTOLO PERFORMING ARTS CENTER WINS FOUR ADDY AWARDS

The **DeBartolo Performing Arts Center** received four ADDY Awards from the Michiana Chapter of the American Advertising Federation.

The second issue of **Exposition**, covering events at the center during November and December of 2010, focused on the 100th birthday of legendary Japanese filmmaker Akira Kurosawa, won both a 2011 Gold ADDY in the Arts Magazines category, and a Best of Show in the Print Advertising



category. Contributing to the issue were **Kirk Richard Smith**, creative director; **Tadashi Omura**, graphic designer; **Leigh Hayden**, director of external relations; **Kyle Fitzenreiter**, marketing program manager; and **Anna M. Thompson**, executive director.

The center also received a gold award in the Arts Magazine category for the early fall issue of Exposition, as well as a gold medal in the Arts Brochure category for the "Synthesis"

brochure. The awards recognize the best in creative work in the Northern Indiana/Southwest Michigan area.

ROBINSON CENTER AWARDS RECOGNIZE CONTRIBUTIONS

Nicole McLaughlin, assistant professional specialist in the University Writing Program, has been awarded the Mr. Arthur Quigley, Ph.D., Award by the Robinson Community Learning Center. The award recognizes a

Notre Dame faculty or staff member who exemplifies the mission of the University "to exercise leadership in building a society that is at once more human and more divine."

Notre Dame junior **Caitlin Kinser** received the Rev. Don McNeill, C.S.C., Award, given to a student volunteer whose commitment to service has strengthened interaction between Northeast Neighborhood residents and the academic community by reducing obstacles and building relationships with youth and adult participants.



UNIVERSITY OF NOTRE DAME

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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 internalcomm@nd.edu or contact Carol C. Bradley, 631-0445 or bradley.7@nd.edu.

Mancini moves to IU School of Medicine-South Bend

Gail Hinchion Mancini, who founded NDWorks in December 2003 and *TheWeek@ND* in April 2010, is moving to the Indiana University School of Medicine-South Bend as director of public affairs and communication. She leaves Notre Dame after 10 years of service.

Mancini, director of internal communications for the past six years, is a frequent contributor to NDWorks and a recognizable name as the sender of campus emails ranging from flu shot schedules to road closings to Opening Mass invitations.

"Gail has been an integral part of OPAC for more than 10 years," said Todd Woodward, associate vice president of marketing communications. "In the past few years, she has overseen a huge overhaul in how we look at and communicate with our internal constituents."

NDWorks will continue production under the guidance of managing editor Carol Bradley. *TheWeek@ND* and calendar.nd.edu will be maintained by Jennifer Laiber.



MATT CASHORE

Mancini

Phished again!

One person's entire inbox was deleted by spammers

BY CAROL C. BRADLEY, NDWORKS

The email said, "Your inbox is full," and warned that your account would be frozen if you didn't take steps.

When you clicked the link, it took you to a website that asked for your NetID and password, and you typed them in.

Big mistake.

You've been "phished."

The result? Tens of thousands of spam emails go out under your name and email address.

You don't find out until your inbox fills up with bounced emails and nasty messages from people wondering why you're sending them Viagra ads. And the University blocks your account—for real—at least until you change your password.

"I have heard people joke about how lame many phishing scams are, but people at Notre Dame still fall for the scams," says **Ron Kraemer**, vice president for information technologies and chief information officer. "Falling victim to these scams can result in debilitating computer infections, identity theft and—in some cases—having our entire University email system blacklisted from online services."

Phishing scams are fraudulent emails sent by criminals in hopes of gaining access to your user name, password, bank account numbers or

credit card information to steal your identity. Many of the scams originate in foreign countries—Russia, Romania, Nigeria and South Korea.

Why do they want access to your email account?

Spammers are only one link in a "tiered economy" of crime, says David Seidl, OIT's director of information security. There are spammers looking to send more spam at the bottom of the heap, followed by credit card number thieves, those who handle merchandise bought with stolen credit card numbers, those who perpetrate identity theft and the criminals who coordinate the whole operation. It's sort of like the Mafia, Seidl says, or the old days of Prohibition with the bootleggers at the bottom and Al Capone at the top.

When you click on a link in a scam email, you're redirected to a fake ("spoof") website—often nearly identical to the real website for PayPal, eBay, your bank or credit card company—where you're asked to type in sensitive information.

Here's all you need to know to protect yourself: The University will NEVER request your NetID and password in an email. Neither will the Notre Dame Federal Credit Union, your bank, PayPal or the Internal Revenue Service.

The scams work because they scare people, Seidl says.

The most recent email scam to hit campus—the one telling you your inbox is full—is very typical. "When

people clicked on the link, it took them to a website that wasn't a Notre Dame site. Over a hundred people went to the site, and there were 20 compromises."

Seidl finds out about a security breach when the University starts to get complaints from Hotmail, MSN and other third-party providers, who then block email from the **nd.edu** domain, typically for 72 hours.

The University also monitors for outbound spam and abusive behavior, and takes action proactively. Says Seidl, "We identified many of the compromised accounts before they were able to send large quantities of spam, and we're taking active measures to limit the amount of email that can be sent from an account to prevent future compromises."

But spam isn't all there is to worry about.

Spurious websites, attachments and downloads can infect your computer with viruses or malware. A person with your NetID and password could potentially access any University service you're authorized to use—they could change your contact information or insurance beneficiaries, or read your email as another way to gain information for identity theft. At least one person on campus had their entire inbox deleted by a spammer.

To protect yourself, use the official, published Web address, address and telephone numbers of organizations you do business with, and contact



them directly if you think an email is suspicious. Rather than click on a link, go directly to the website by typing (instead of clicking a link or cutting and pasting from an email) the site's address into the address bar. You can also contact the OIT helpdesk at 631-8111 or forward the email to oithelp@nd.edu.

If you think you've been hooked by a phishing scam, report it immediately to limit potential identity theft. On campus, email

breaches should be reported at secure.nd.edu/goes-wrong/report_event.shtml. For phishing FAQs and a quiz to test your email scam savvy, visit oit.nd.edu/email/phishingfaq.shtml.

The bottom line, Seidl says, is turn on your brain before opening your email. "It's a personal responsibility to yourself, the University and the people you deal with who might be exposed."

Robinson Community Learning Center receives \$10,000 Shakespeare grant

Program will serve 20 to 25 inner-city youth

BY CAROL C. BRADLEY, NDWORKS

The **Robinson Community Learning Center (RCLC)** has been awarded a \$10,000 **Better World Books LEAP** (Literacy and Education in Action Program) grant for a six-week intensive summer Shakespeare program for inner city youth.

The summer camp will serve 20 to 25 youth ages 10 to 17, using "Romeo and Juliet" as the focal work. Participants will receive instruction in the essentials of theater through a variety of workshops including voice, text analysis, stage combat and set design.

The RCLC Shakespeare Company performs two full plays per year, and participants compete annually in the English-Speaking Union National Shakespeare Competition, in partnership with Shakespeare at Notre Dame, says Jennifer Knapp Beudert, RCLC manager.

"The program provides children with a safe and enriching place to be in the summer," she says. "It also builds literacy, public speaking skills, confidence and teamwork. It's the most wonderful learning experience—for both the kids and adults who participate in the program."

RCLC Shakespeare Company member **Charell Luckey**, a junior at Adams High School, competed for the title of Indiana State Champion

at the ESU competition in Indianapolis on Feb. 27. She was named first runner-up and received a cash prize.

Better World Books (betterworldbooks.com), a for-profit social venture founded by Notre Dame graduates Christopher "Kreece" Fuchs and Xavier Helgesen, collects used books and sells them online to raise money for literacy initiatives worldwide.

The organization has raised more than \$9 million for library and literacy projects, at the same time diverting nearly 49 million books from landfills. Better World Books got its start in a business incubator at the RCLC, sponsored by the Mendoza College of Business' Gigot Center for Entrepreneurial Studies; the organization's first book collection site was housed at the Robinson Center.

PHOTO PROVIDED



The RCLC Shakespeare Company brings Shakespeare to inner-city youth ages 10 to 17. A recent grant from Better World Books will fund a six-week intensive program focusing on "Romeo and Juliet."

St. Michael's Laundry offers

Service resulted from ND Bright Ideas program

BY COLLEEN O'CONNOR, FOR NDWORKS

Convenient, timesaving, cost effective and eco-friendly...for busy people, what's not to like about two new laundry kiosks providing 24-hour drop-off service at **St. Michael's Laundry?**

The idea came from a suggestion

to the Bright Ideas program, brightideas.nd.edu.

The secure, locked boxes, installed at both the Main Plant (located off Juniper Road north of the Notre Dame Federal Credit Union) as well as at the Laundry Distribution Center (adjacent to the A-15 parking lot, behind the Main Building) are available to faculty, staff and students.

To begin service, it is necessary to register at either location, at which time customers will be given a gray, personalized laundry bag. Registration will be used primarily for



24-Hour drop-off

e-mail notification of laundry updates or questions related to dropped-off garments.

Same day service is available upon request via a note visible as soon as the bag is opened. The Laundry will follow care instructions noted on clothing labels unless a visible note is left in the bag requesting other treatment.

While students are welcome to register for

the new drop-off laundry and dry cleaning service and receive their personalized bag, it is important to note that no student "bundles" are to be placed in the kiosks. Bar coded student wash/dry bundles will continue to be handled as they have been in the past.

For more information, call 631-7422 (Main Plant) or 631-7565 (Distribution Center).

ND looks to transformative ideas as it plans for the future

Provost outlines gains and next moves in address to faculty

BY GAIL HINCHION MANCINI,
INTERNAL COMMUNICATIONS

Notre Dame is advancing its reputation as a leading research University, and it will continue to do so through a formula that supports incremental growth while “grabbing unexpected opportunities” to support transformative change, **Provost Tom Burish** said in a late February address to the faculty.

“Notre Dame is becoming more and more of a premier university,” he said, noting the improved ranking of traditionally strong programs and a growth in sponsored program funding.

In the latter case, research grant proposals topped 1,000 in 2009-10 for the first time in history and the dollar value of those requests has grown, including requests with a

budget greater than \$5 million, Burish said. “This growth is due to your work—the work of the faculty,” he said.

While the number of awards received has not changed greatly, the size of the awards has, he added. And Notre Dame remains the nation’s leader in National Endowment for the Humanities fellowships. These improvements exceed the progress of some of the other leading national research universities.

“Everyone is getting better. We’re getting better, and in some cases we have gotten better faster than are other top research universities,” he said. His focus on research issues during his presentation reflected the fact that it was in this area, as opposed to undergraduate education and Catholic character—the other two main components of Notre Dame’s vision—that Notre Dame has the greatest challenges and



Burish

greatest opportunities at present. “We must continue to improve in all three areas,” Burish said, “but we have the most ground to cover in the research and graduate education area.”

Burish added that available comparative data are a few years old and do not yet capture

many of the investments Notre Dame has made in recent years.

Other improvements Burish noted:

- The number of **tenure track faculty** has increased from 765 to 800 during the last five years.
- The **library budget** has experienced about a 25 percent growth in five years, from just less than \$20 million to about \$25 million. The acquisitions budget has grown 40 percent over a similar period.
- **Undergraduate financial aid** has grown from about \$5

million in the early 1990s to an estimated \$106 million next fiscal year, making Notre Dame’s “one of the most competitive financial aid programs in the country.” Meeting its commitment to need-based education during an economic crisis, the University has increased aid by 40 percent in the past five years.

- **Graduate financial aid support** has increased by 45 percent in the past five years.
- Notre Dame **faculty salaries** remain slightly lower than the median of preeminent national research universities, but the gap is closing, with the average salary of the three faculty ranks ranging from 90 percent to 96 percent of the Association of American Universities median.
- Assignable **academic space** has grown by almost 380,000 square feet since 2005.

Research computing and internationalization are both enhanced by new leadership, Burish

added. Research computing has managed the significant expansion of servers and CPU cores. And Notre Dame’s international footprint has expanded by the addition of buildings in Rome and London, an office in Beijing, and a full-time Notre Dame representative in Santiago, Chile. Meanwhile, Nick Entriakin, associate provost and vice president for internationalization, is finishing the University’s first campus-wide strategic plan for internationalization, which was skillfully begun by Julia Douthwaite last year.

Burish described transformative change as “doing things you haven’t done before. It’s not running faster. It’s jumping.” Notre Dame has, in its history, experienced transformative change, one example being the rebuilding of the Main Building, and hence the blueprint for the university, after a 1879 fire to “a structure bigger and more grandiose and ambitious,” Burish said.

Significant progress seen in Northeast Neighborhood redevelopment

Urban Outfitters comes to Eddy Street Commons this summer

BY COLLEEN O’CONNOR,
FOR NDWORKS

Six objectives were identified early on for the revitalization of the **Northeast Neighborhood**: improve the appearance of the neighborhood, provide new housing alternatives, create a pedestrian commercial district, connect the campus and the community, sustain and enhance neighborhood diversity, and preserve the area’s architectural heritage.

All these objectives are well on their way to being met, as the area on the south border of the Notre Dame campus continues to develop, offering more and more opportunities for shopping, dining,

lodging and living in the shadow of the Dome.

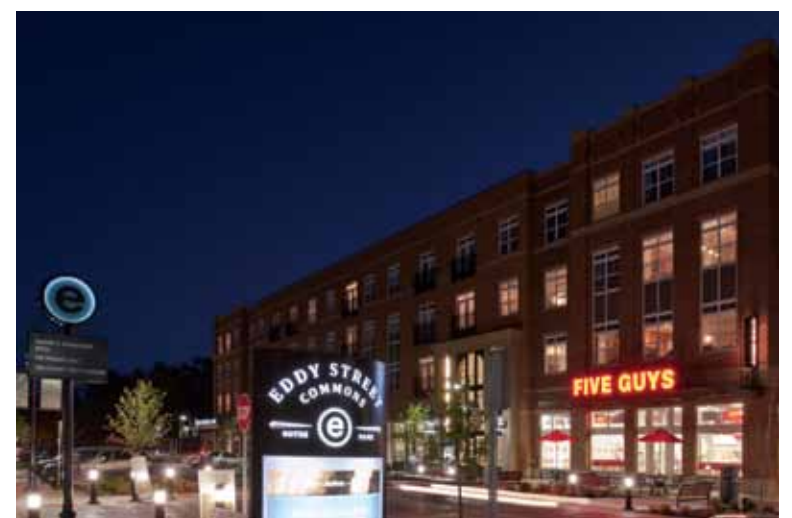
Eddy Street Commons, the mixed-use, new urbanist neighborhood immediately south of Angela Boulevard, is adding its 15th retail tenant, Urban Outfitters, this summer—in large part due to activism on the part of ND’s student government.

This publicly traded American company, targeting the ages 18 to 30 crowd, sells clothing, footwear and housewares. It joins 14 other establishments: Outpost Sports; Anytime Fitness; Old National Bank; AT&T; Nicholas J. Salon and Spa; Camellia Cosmetics; Kildare’s Irish Pub; The Mark Dine and Tap; Chipotle; Five Guys Burgers; Hot Box Pizza; Kilwin’s Ice Cream; and Jamba Juice.

The office building located

in Eddy Street Commons has recently added a new occupant, R.W. Anderson, an engineering firm. Carleton, a software business specializing in financial software, will open soon. Both businesses join Notre Dame’s Investment Office and Development Office at this location. Leases for the balance of the office space are expected to be signed in the near future.

The Fairfield Inn and Suites Hotel, which opened June 15, has been well received by the community. This 119-room limited-service hotel was planned in conjunction with a full-service hotel located next door. The unstable economy of the last two years has delayed the commencement of the full-service hotel. However, Kite Realty, the developer of Eddy Street Commons, is still optimistic about the future of a full-service hotel



in this location.

The Champions Way City Homes, three-story row houses located between Angela Boulevard and Napoleon Street, west of Innovation Park, are nearly 40 percent complete, with 24 of 62 planned units delivered.

Plans for Phase 2 of Eddy Street Commons, located on either side of Eddy Street between Napoleon and Howard, have not yet been

developed. Plans for this phase will be determined by the market response to Phase I.

The development of the area known as the “Triangle,” bounded by Napoleon Street on the north, Georgiana Street on the west, and State Road 23 on the south and east, is on hold temporarily until land assembly can be completed. This situation will hopefully be resolved by spring, at which time infrastructure and utility work can begin. The Northeast Neighborhood Revitalization Organization (NNRO), with the South Bend Heritage Foundation as its agent, is the developer of this property. The plan calls for approximately 55 single-family detached homes to be built. The NNRO is currently sponsoring a name competition for this subdivision. Submit suggestions to Marguerite Taylor, mtaylor4@nd.edu.

Currently there are no plans drawn for the “Five Points” commercial district. Ultimately, it will be redeveloped after the State Road 23 widening project is completed by the end of 2013.

The Notre Dame Housing Program, selling lots to full-time faculty and staff along Notre Dame Avenue for construction of single-family detached homes, is close to full capacity, having sold 29 lots to date, with a projection of 30 to 35 lots total.

NEWLY INSTALLED ‘ST. GEORGE’ RECOIL SEPARATOR WILL HELP PHYSICISTS UNDERSTAND NUCLEAR REACTIONS

Michael Wiescher, Freimann Professor of Nuclear Physics, leads an active research program in nuclear astrophysics through the **Joint Institute for Nuclear Astrophysics (JINA)**, an institute within Notre Dame’s Nuclear Science Laboratory (NSL). The goal of the research is to better understand the nuclear reactions responsible for energy production and the creation of elements in stars.

The study of these nuclear reactions at stellar energies is hindered by very low count rates and high background levels. To overcome some of these challenges, a team of Notre Dame team scientists designed the Strong Gradient Electromagnetic Online Recoil separator for capture Gamma ray Experiments—nicknamed “St. George.”



The 60-foot-long spectrometer—composed of eighteen electromagnets, each weighing an average of one ton—was purchased through JINA, built by Bruker BioSpin and delivered to the NSL in Nieuwland Science Hall in January. The system is currently being installed, and preliminary testing will begin soon.

ND Voice results underscore high employee engagement

BY GAIL HINCHION MANCINI,
INTERNAL COMMUNICATIONS

Reviewing the results of last fall's ND Voice employee satisfaction survey, **Bob McQuade**, vice president for human resources, noted that 70 percent of staff participated. Satisfaction measures improved in all areas of emphasis, according to the results, a summary of which can be found at evp.nd.edu.

The highest scoring areas of satisfaction relate to how staff think and feel about the University and are personally committed to going the extra mile on her behalf. Among overall findings:

- Among 2010 scores that comprise engagement, 97 percent say they understand the University's goals and strongly believe in them; 95 percent recommend Notre Dame as a good place to work and 90 percent say they plan to stay

at the University and are not looking for work elsewhere.

- 74 percent of respondents have a favorable view of their immediate manager, up from 63 percent in 2006.
- 71 percent of respondents have a favorable impression of Notre Dame's pay and benefits, up from 52 percent in 2006.
- 60 percent feel favorably about development and training, up from 49 percent in 2006.

Since the first survey six years ago, the results have been used to identify initiatives that can improve the workplace environment for staff. As a result of this year's survey, the University will focus efforts on building and enhancing positive manager-employee relationships, says McQuade. Every division will be asked to examine the issue of manager-employee relationships and develop actions towards enhancing this area of focus.

McQuade said the focus on manager-employee relations answers feedback he and John Affleck-Graves, executive vice president, consistently receive from employees who are frustrated they have no means of commenting on their supervisors' management skills, or how well they build relationships with their staffs.

Focusing on manager-employee relationships may help impact other areas where satisfaction is less strong, such as whether employees feel respected or whether they believe employees are held accountable in an equitable way, McQuade says.

As part of this effort, the Offices of Human Resources and Finance will initiate a pilot program to explore ways that staff can simply but effectively provide managers with feedback on how they interact with their staff.



MATT CASHORE

Town Hall Q & A session

ND Voice

Q: How did you choose to focus on building positive employee relations with managers as a result of ND Voice?

A: The data pointed to a few areas where improvement is needed, but the common concern came down to a question of how people are treated. We feel if we can make movement there, we'll see positive impact in other areas, such as accountability.

Q: How are we going to address our low satisfaction scores in the area of accountability?

A: The accountability scores are lower than we like, but we believe that focusing on manager-employee relations will have a significant impact in this area.

Q: Will performance management tools such as 360-degree evaluations be part of this effort to improve employee-manager relations?

A: The Offices of Human Resources and Finance are initiating a pilot program to create an evaluation tool to provide feedback to managers. This will not be a classic 360-degree evaluation, but will include a means to provide feedback. We hope to create a simple process that will provide basic, useful feedback and insight on how an individual's leadership style affects their people.

Q: How can we devise a system for people to give feedback to their supervisors while assuring them their input will not be held against them?

A: This is a challenge, especially in smaller departments. We expect to explore this issue during the pilot.

Q: Will staff who work for faculty be included in this opportunity to provide supervisor feedback?

A: This process should include all staff. The Office of Human Resources will work with the Provost's Office to ensure this happens.

Q: As we focus on improved employee-supervisor relations, will supervisors be required to take courses to improve?

A: We wouldn't expect mandated training or education. But we would expect that those who manage supervisors are able to make high quality management skills a part of the performance management dialogue.

MATT CASHORE



Q: Will ND Voice results be shared with individuals and departments?

A: Yes. The website evp.nd.edu is carrying a summary of the data that any of us can access. Data that reflect input at the divisional level has been provided to each vice president and dean, and they are to share the results with their staffs. Every division will

be asked to develop initiatives that build positive employee-manager relations. If a division has other areas that should be addressed, that division's leadership will help staff to create an action plan.

Advancing Our Vision

Q: Will the Advancing Our Vision project look for savings among unrestricted funds only, or will it also examine changes to restricted funds?

A: We will be looking at both restricted and unrestricted funds.

Q: Are the savings being sought through Advancing Our

expand our faculty and staff.

Q: What improvements would you see happening across the academy through the Advancing Our Vision Initiative?

A: The needs are different, depending on the college. In science and engineering, space is a primary concern. In Arts and Letters, particularly the humanities, scholarship and library resources are needed. We are absolutely committed to all those needs.

Q: Does the Advancing Our Vision initiative assume that certain divisions are overspending in relation to other institutions?

A: We have visited many of our peer institutions and we believe that we are a better run university than many, and way ahead in terms of efficiency. While every division could probably identify some opportunity for savings, this initiative has not predetermined that some divisions will be able to make a greater contribution than others.

Other Topics

Q: How are we doing on our green initiatives?

A: We're pleased that the progress we've made promises to result both in energy and cost savings over the long run. We have spent about \$10 million on making our buildings more energy efficient, and our new buildings are LEED certified. As a result, even though we've grown the campus, we're using less energy. We've worked hard on recycling and have reduced waste. One area we'd like to improve on is reducing waste in the dining halls.

Q: The federal government is casting a critical eye on

higher education in regard to its tax-exempt status. How does Notre Dame hold up under this scrutiny?

A: The University takes all compliance requirements very seriously. For the past 15 years, senior administrative leaders have met on a regular basis to discuss tax and compliance matters with our outside advisers to ensure proper internal controls are in place. We believe this to be a best practice relative to our peers.

Q: There are pictures of Martin Luther King Jr. with Father Hesburgh all over this campus. Why don't we have Martin Luther King Day as a holiday?

A: Our practice is that if the students are in session, we don't take a holiday. For example, we also have classes on Labor Day and Presidents' Day. We tend to group our holidays to maximize the opportunity for students, who come from all over the country and dozens of international settings, to visit their families.

Q: There is only one event per year where staff are able to bring their families. Is it possible to increase opportunities for family activities by offering family pricing for events?

A: The Opening Mass and Picnic is a wonderful way to start the year off, and we welcome families for Mass and a picnic meal and family entertainment. In addition, RecSports has introduced bi-weekly family entertainment such as bowling, ice skating and swimming, at little or no cost. Employees are offered discounts at the DeBartolo Center for the Performing Arts. In addition, most men's and women's sports competitions offer discounted or free tickets. We will continue to look for ways to include families in our activities.

ND participates in One Book, One Michiana

Events include stargazing, memoir writing and raffle

BY CAROL C. BRADLEY, NDWORKS

Each year, the St. Joseph County Public Library selects a book to bring readers together for a communitywide discussion.

The second annual **One Book, One Michiana**, April 1 through May 7, this year features "Rocket Boys," NASA engineer **Homer Hickam's** memoir of his life in Coalwood, W.Va., where a group of young boys dreamed of launching rockets into outer space—and made those dreams come true.

Notre Dame faculty, staff, students and alumni are participating in the events series in a variety of ways.

Walt Collins, former editor of Notre Dame Magazine, will facilitate a two-session program on **memoir writing** at 6 p.m. Monday, April 4 and April 11, in the Main Library Dickinson Room. In the first session, Collins presents the basics of memoir writing. In the second session, he facilitates

a panel discussion on writing and publishing a memoir. No registration required.

Join astrophysicist **Keith Davis**, director of the Digital Visualization Theater, for **The Sky's the Limit**, an exciting 3-D program of space exploration and astronomy, at 8 p.m. Wednesday, April 6, Jordan Hall of Science. Preregister at libraryforlife.org or call 282-4655.

Technology—the Future—the Plan—the Use, a Lunch and Learn series program, takes place at noon Thursday, April 21, in the Main Library Humphreys Multimedia Room. Presented by **Dave Brenner**, president and CEO of Innovation Park, and others. Contact Sue Solmos, 235-5879 or ssolmos@southbendin.gov to preregister. Attendees are welcome to bring a brown bag lunch, or contact Solmos in advance to order lunch.

The Night Sky and Amateur Astrophotography will be presented at the library's Centre Township Branch, 1150 E. Kern Road, South Bend, at 6 p.m. Tuesday, April 26. **Flint Thomas**,

professor of aerospace and mechanical engineering, will give a presentation on techniques for photographing the night sky. No registration required. Call 251-3700 for more information.

At 6 p.m. Thursday, May 5, at the German Township Branch, 52807 Lynnewood Ave., ND alumnus Dr. Steven Gable and Vicki McIntire present a book discussion of **Packing for Mars: The Curious Science of Life in the Void**, by Mary Roach. The book offers insight into the nitty-gritty details of astronaut life. Preregister at libraryforlife.org or call 271-5144.

The Hammes Notre Dame Bookstore is sponsoring both art and written word contests for students in grades six to 12. Prizes will be awarded, and the winning entries will be displayed in the lobby of the bookstore. Entries for the art contest will be accepted from Friday, April 1, through Monday, April 18. Winners will be announced on Friday, April 22. Entries for the written word contest will be accepted from Monday, April 18, through Monday, May 2, with winners announced on

Saturday, May 7. Visit ndcatalog.com for details.

In addition, a raffle is being held for a personalized and autographed football signed by Coach Brian Kelly. Entry forms are available at all SJCP locations from Friday, April 1, through Thursday, May 5, with one entry allowed per library visit. Attendees at

One Book programs during those dates will receive a bonus entry form. The winner will be announced at the One Book, One Michiana Celebration event on Saturday, May 7, at the Main Library. You need not be present to win.

For more information and a complete list of events, visit libraryforlife.org/onebook/.

April 2011 OIT Technical Training Courses

Word 2007: Mail Merge
Thursday, April 7, 8:30–11 a.m.

Excel 2007: Basic
Tuesday and Thursday,
April 12 and 14, 8:30 a.m.–noon

insideND
Wednesday, April 13, 9–11 a.m.

Dreamweaver CS5: Basic
Friday, April 15, 8:30 a.m.–noon

Software Licensing
Wednesday, April 20, 9–10 a.m.

Excel 2007: Intermediate
Wednesday and Thursday,
April 20 and 21, 8:30 a.m.–noon

Excel 2007: Advanced
Tuesday and Thursday,
April 26 and 28, 8:30 a.m.–noon

Word 2007: Intermediate
Monday and Wednesday,
April 25 and 27, 8:30 a.m.–noon

Outlook Calendaring
Thursday, April 28,
1–4:30 p.m.

View the complete schedule at oit.nd.edu/training/documents/discoverit.pdf and register for classes at endeavor.nd.edu.

Join the training listserv for updated information on courses and schedules. Call the technical training office, 631-7227, or email training@nd.edu.

SERVICE ANNIVERSARIES

The University congratulates the following employees who celebrate significant service anniversaries in March, including 30-year employees **Anne T. Mills**, Snite Museum; **Vicky L. Rodebush**, MNA Program, Mendoza College of Business; and **Karen R. Wesolek**, men's basketball.



Wesolek

20 years

Noelia Sanders, Warren Grille
Constance E. Slack, Office of Research
Lisa Vervynckt, Notre Dame Conference Center

15 years

Joan C. Crovello, business process advisory services
Russell T. ("Cappy") Gagnon, Joyce Center
David J. Ludwig, investment office
Alfredo Ramirez and **Julie D. Stogsdill**, operations and engineering
Robert M. Winding, information security

10 years

Gloria Allen and **Brent M. Gregory**, Morris Inn

Kimberly M. Brennan, MNA program, Mendoza College of Business
Mathew A. Chrystal, science computing
Jon R. Crutchfield, customer support services
Wes Evard, College of Engineering dean's office
Nita Hashil and **Timothy G. Zmudzinski**, Hesburgh Libraries
Jon P. Jesse, Naval Science
Patrena K. Kedik, annual fund
April L. Miller and **Melisa K. Wroblewski**, custodial services
Troy Moreno, academic space management
Amy Nguyen, South Dining Hall
John J. Platte, C.S.C., building managers
Karen E. Putt, Alumni Association
William C. Reagan, development—athletics advancement
Mark A. Zeese, business process advisory services

25 years

Nancy A. Dausman, **Jeffrey A. Sparks** and **Charles A. Wynegar**, Custodial Services
Susan A. Feirick, Hesburgh Libraries
Pamela D. Foltz, Center for Social Concerns
Kimberly S. Hahn, registrar
Patrick L. Martin, Romance languages and literatures
Patti A. Sikorski, mail distribution

NEW EMPLOYEES

The University welcomes the following new employees who began work in January and February:

Jake S. Adams, central receiving
Sylvia Armas-Abad and **Heather R. Legault**, Alliance for Catholic Education
Arezoo Ardekani, aerospace and mechanical engineering
Christine L. Broadbent, electrical engineering
Anne-Marie Campbell and **Craig J. Horvath**, Annual Fund
Joseph S. Checcha, Morris Inn
Linda A. Costas, development
Cortney Cox, executive MBA
Karen I. Deak, **Edwin Michael** and **Crysta Gantz**, biological sciences

Austin W. Dwyer, accounting and financial services
Jeff L. Edgerly, Building Services
Elizabeth Ferlic, performing arts center
Kirk Flickinger, risk management and safety
Pamina M. Firchow, Kroc Institute
Steven T. Fortener, Foundation Relations
Matthew E. Getze and **Stewart Markel**, Center for the Study of Languages and Cultures
Tina M. Gonzales, **Ernest Taylor** and **Lianna M. Workman**, Custodial Services
Richard W. Herbst and **Eamon P. Ladewski**, Law School

Bertrand M. Hochwald, electrical engineering
Declan Kilberd and **Jose E. Limon**, English
Cheng Liu, Center for Research Computing
Eric E. Martin, Freimann Animal Care Facility
Kayla A. Matrunick, varsity strength and conditioning
Oscar B. McBride, Institute for Educational Initiatives
Peter M. Metzger, Customer Support Services
Francesca A. Murphy, theology
Kristen M. White, utilities

NOTRE DAME Women's Golf League

The **Notre Dame Women's Golf League** Spring Kickoff takes place at 5:30 p.m. Tuesday, April 26, in the Warren Golf Course indoor facility off Douglas Road. Enter through the gate east of the Douglas Road roundabout.

Members of the Notre Dame Women's Golf Team will be on hand to offer tips, so bring a club or two. A short meeting and refreshments follow in the clubhouse.

The golf league begins Tuesday, May 24, at the nine-hole Burke Memorial Golf Course. Tee times are available between 4 and 5:44 p.m. Divisions (flights) will be based on handicap, which will be established after playing three rounds.

The league runs through Tuesday, Aug. 9, with the annual tournament and banquet Tuesday, Aug. 16.

Membership dues are \$18, and greens fees are \$9. Registration deadline for the league is Friday, May 6.

Participation in the league is open to current Notre Dame employees, wives of current employees, ND retirees receiving a Notre Dame pension check or the wife of a retiree receiving an ND pension check or the holder of a Notre Dame Courtesy Card.

League applications will be available at the kickoff meeting. Contact league Secretary/Treasurer Lori Maurer, 631-4667 or lmaurer@nd.edu for more information or to request an application.

Holy Cross brothers participate in Rush Alzheimer's study

Commitment includes donating brain for autopsy at death

BY CAROL C. BRADLEY, NDWORKS

Two members of the campus community, **Bro. Larry Stewart, C.S.C.**, archivist for the Holy Cross Midwest Province Archives Center, and **Bro. Roy Smith, C.S.C.**, director of development for the Midwest Province, are undergoing annual testing—and will donate their brains for autopsy at death—in hopes of advancing research into Alzheimer's disease.

The two are participants in the ongoing **Rush University Medical Center Religious Orders Study**, which has led to breakthroughs in the understanding of Alzheimer's—and offers tantalizing clues to possible interventions.

Alzheimer's disease afflicts about 10 percent of those older than the

age of 65, and nearly half of those older than 85. Currently, a definitive diagnosis of Alzheimer's can be made only after death, by examining the brain under a microscope following autopsy.

At the time the study was developed in 1993, it was thought that clergy would be altruistic—and more accustomed to thinking about mortality—than the average person, and thus more willing to donate their brains to science, says study director **Dr. Robert Wilson**, senior neuropsychologist at Rush University Medical Center, Chicago. "The idea was proposed to a bishop in Chicago and approved," says Wilson, "and we set out to recruit. Most of what we know about Alzheimer's comes from observational studies like ours. We start with a lot of people with no signs of disease, and watch."

Brother Roy learned of the study through a presentation to a joint conference of black Catholic sisters, deacons, priests and brothers. "They were trying to recruit more African-American participants," he says. "I thought it might be helpful, and helpful to me."

Brother Larry saw Brother Roy participating in some of the testing—walking a line to test his balance—



Brother Smith, left, and Brother Stewart.

and thought it looked interesting.

Brother Larry has a degree in virology from Notre Dame and a Ph.D. in physiology from the University of Texas, Austin, and had previously volunteered for exercise-related studies. He loves memory games and crossword puzzles, and does a sudoku puzzle daily, so the cognitive tests sounded interesting too.

"And my parents both died of Alzheimer's," he adds. "My brother and sister and I wondered if we'd inherit it too."

With all his years of teaching high school biology and using specimen slides, the notion of donating his brain didn't faze him. "That didn't bother me at all," he says.

The goal of the study is to obtain reliable clinical and psychological data on individuals 65 or older with no prior diagnosis of Alzheimer's

disease. A secondary goal of the research is to help identify risk factors for Alzheimer's, and to discover what changes in the brain might be responsible for the condition.

The ongoing study, which to date has resulted in more than 100 published papers, offers researchers 17 years of clinical data on more than 1,200 participants, and brain tissue from more than 350. The data

will help researchers to understand the relationship between cognitive decline and the progression of disease pathology.

Researchers conduct yearly assessments of participants' performance on cognitive performance tests (long- and short-term memory, language, perception), participants fill out a questionnaire covering medical and family history, and neurological assessments are performed by trained nurse clinicians. The results can be compared from year to year.

At the time the study began, says Wilson, "We knew a lot about the brains of those with Alzheimer's disease, but not a lot about those with no—or mild—cognitive impairment. Most epidemiological research only collects clinical outcomes—who became demented, who did not."

The traditional thinking is that mild cognitive loss is part of normal aging, he notes. What the research has found "is that the very early changes in memory and thinking skills are a result of the same disease process at late-life dementia. The early, mild changes are the first signs of a long, long disease—Alzheimer's or its variants."

The study is already leading to novel strategies for improving cognitive function—for example, physical activity combined with cognitive activity such as videogames that reward users for getting better at multitasking. Another approach has been to train people in more complex, real-world type situations that draw on many skills at once—dancing, taking acting classes or training to be a teacher's aide in an inner-city school.

The Religious Orders Study is a remarkable story, Wilson says.

"The view of the disease is very different now than when we started this study, in no small part to the things we've learned directly from the study. Another remarkable feature is the dedication of the participants. All of us feel very special to be a part of it, and we intend to make every bit of use out of the tremendous sacrifice of the participants."

Participants (clergy only) are still being recruited for the ongoing study. For more information, contact Traci Colvin, study manager, 800-977-7874 or Traci_Colvin@rush.edu, or visit rush.edu/rumc/page-1099611542043.html.

Business Operations celebrates Black History Month

Working Group seeks to recognize diversity

BY COLLEEN O'CONNOR, FOR NDWORKS

In an effort to raise awareness of and respect for diversity, in late February Business Operations sponsored a staff event in recognition of Black History Month. Held at Stepan Center, the celebration included samplings of African-American cuisine provided by Notre Dame's Catering by Design and Frankie's BBQ of South Bend; readings of poetry by Maya Angelou; excerpts from Martin Luther King Jr.'s "I Have A Dream" speech; easel displays of African-American art, inventors and engineers and a performance by the Berean Eagles Drum Corp.

The event was organized by the Business Operations Diversity Working Group, a committee established last summer in conjunction with the University's initiative to foster the development of a more diverse employment culture. The committee, chaired by Margot Jones, includes Gayle Wilson, Fath-Allah Oudghiri, Patrick Farrell, Luis Borrero, Reginald Kalili, Dawn Bell and Sharon Hawkins. "We are very pleased with the turnout for our first event," said Jones.

A cross-cultural calendar is now being distributed by the group. A growing and changing document, the calendar currently highlights religious and social events and holidays. Future activities will seek to broaden the definition of diversity by way of a social and educational learning format. Plans include roundtable discussions.

According to Gayle Wilson, coordinator of events, "Diversity awareness will only take place if everyone truly believes that the person they know nothing about is worth knowing about."

Meet Ron Kraemer, OIT's new VP and chief information officer

Goal is to enhance teaching, learning, research and scholarship

BY GAIL HINCHION MANCINI, INTERNAL COMMUNICATIONS

When Ron Kraemer was a graduate student, his research involved geographical information systems and the algorithms and databases that were used for transportation routing, planning and scheduling. The work done in his research group was the 1970s predecessor to things like Google Maps and Mapquest.

But back when Kraemer got his start in information technologies, as a University of Tennessee graduate student and staff member of Oak Ridge National Laboratory, he and his colleagues used pencils, rulers and county maps. They meticulously measured segments of highways, then coded proportionate mileage measurements to create early transportation planning databases and programs.

Since then, the pencils and rulers have been jettisoned, as has his first computer, a 128K with dual floppy drives and a monitor whose letters glowed amber. To this day, though, the algorithms themselves support airline scheduling and help chart

environmental events like volcanic activity or the melting patterns of polar ice caps.

Given his own memories of technological progress, Kraemer finds it refreshing that his earliest months at Notre Dame have introduced him to faculty who themselves have known a pencil or two, if not a typewriter.

Today they clamor for support in providing technologically rich classroom experiences, online resources, electronic student-to-faculty communication opportunities and electronic platforms to share student work. They are joined by researchers who want the University's research computing services to be top-notch, and information managers such as the library staff, whose focus is providing digital content and effectively extracting information from the Internet and various networks.

As Notre Dame's recently appointed vice president and chief information officer, this is the future Kraemer expects to pursue.

"Notre Dame has always been known to be strong in administrative systems, support for the campus infrastructure, for financial services, HR and student services," he says. "As we look at the next generation of IT service, our direction will also be set by what we do to support our students and faculty and enhance teaching, learning, research and scholarship."

Kraemer arrived last summer from a similarly titled position at the University of Wisconsin, attracted by a cohesive executive leadership group. "Right from the initial conversations I had with the leadership team here, I just got the feeling everyone was on the same page," he says.

The quality of conversation and partnership has remained a consistent theme. The openness of the library staff in discussing their future challenges was complemented by faculty discussions about supporting the classroom experience. IT services must be excellent, faculty explained. "But the way the conversation went impressed me," Kraemer recalls. "It was more of a conversation about how we work together to make sure this works well, and less of one that simply identified needs—a very respectful and open relationship."

Mission-driven activities aside, OIT remains a provider of services, and Kraemer has outlined some areas of basic improvement for the entire campus, such as an improving OIT response times, solidifying the infrastructure and making IT staff



Kraemer

more and more accessible to those they serve.

An interesting service responsibility came to light as Kraemer was about to enjoy his first Notre Dame home football weekend. Conversations about poor cell phone reception were frequent. As the Fighting Irish worked through their fall schedule, Kraemer and his staff worked with Notre Dame's cellular providers to improve service.

As the semester progressed, service has improved and Kraemer is looking to the first game next year when 80,000 fans can sit in their seats and watch the game on their smart phones.

MATT CASHORE

PINK ZONE

LUNCHEON AND GAME HONOR CLINICIANS AND RESEARCHERS

‘While our focus is cancer, may our legacy be life’



BY GENE STOWE, FOR THE COLLEGE OF SCIENCE

“Docs in Pink,” a Pink Zone luncheon sponsored by the College of Science in collaboration with the Notre Dame women’s basketball team and two South Bend physicians, brought together researchers, doctors, nurses and cancer survivors to build relationships and raise money for the fight against cancer.

Keynote speaker for the event was **Anne Thompson**, a 1979 graduate of Notre Dame and member of the Board of Trustees. Thompson, chief environmental affairs correspondent for NBC News, is a breast cancer survivor approaching her fifth cancer-free year.

“Here at Notre Dame, my spiritual home, I have found something else that helps me fight this disease, and that is community,” Thompson told the crowd in the Purcell Pavilion ahead of the Feb. 12 Notre Dame-Rutgers basketball game, where pink-shirted cancer researchers were honored.

Thompson discovered that breast cancer had affected many of her colleagues who worked on a book to celebrate the 35th anniversary of coeducation at Notre Dame and the 90th birthday of Rev. Theodore Hesburgh. “I am a cancer survivor, and I humbly stand on your shoulders,” she told researchers in the room. “For those of us who are sick, we are busy living with cancer, not dying from it.”

Sharon Stack, the Anne F. Dunne and Elizabeth Riley Science Director of the Mike and Josie Harper Cancer Research Institute, and **Dominic O. Vachon**, director of the Ruth M. Hillebrand Center for Compassionate Care, also spoke to the group. Stack urged more cooperation on innovative and integrative multidisciplinary research on the causes and consequences of cancer.

Vachon described how **Ruth Hillebrand**, who died of cancer in 1994, received her diagnosis in a late-night

phone call from a doctor who then hung up. “Like the Hillebrands, we are here today to turn this suffering into compassion,” he said. “The caring way we provide treatment makes a major difference in how people cope with this challenge and even in how they recover from it.”

Provost **Thomas G. Burish**, who has been a member of the American Cancer Society National Board of Directors, recognized the cancer clinicians at the event. “While our focus is cancer, may our legacy be life,” he said.

Dr. James P. Kelly, president of Cardio Thoracic Surgery, and **Dr. Rafat Ansari**, president of Michiana Hematology Oncology and Medical Director of Oncology Services at Memorial Hospital, recognized the researchers.

“We are winning on this disease,” Ansari said. “Most of the benefit has come from early diagnosis.”

Courtney Rauch, an undergraduate majoring in applied and computational mathematics and statistics who has been diagnosed with a rare type of breast cancer, gave the invocation. Cancer survivor Joan Lennon of the Women’s Task Force-Foundation of St. Joseph Regional Medical Center gave the benediction.

The luncheon raised money for people not otherwise able to pay for diagnostic services. College of Science dean **Gregory Crawford**, who hosted the event, reported that a 24-hour Spin-a-Thon at Knollwood Country Club—another collaboration involving the College of Science and the women’s basketball team—raised \$30,000.



(Top) To show their support of Pink Zone, members of the ND women’s basketball team wore pink adidas athletic shoes in the game against Rutgers in February. (Middle) Cancer researchers from the College of Science and the Indiana University School of Medicine—South Bend were honored on the court for their work to find a cure for all types of cancers. (Bottom left) College of Science Dean Gregory Crawford presented NBC News correspondent Anne Thompson a pair of the same shoes worn by the team. Thompson, a breast cancer survivor, was the keynote speaker of the Pink Zone luncheon just before the game. (Bottom right) Cancer survivors were honored during halftime. The game raised \$116,405 for the Pink Zone initiative.