

NDWorks

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News for Notre Dame faculty and staff and their families

Study finds Asian carp DNA not widespread in the Great Lakes

Goal is to find and manage invasive species before they spread

**BY WILLIAM G. GILROY,
PUBLIC RELATIONS**

The DNA of Asian carp has been found throughout the Great Lakes, say scientists from Notre Dame, The Nature Conservancy and Central Michigan University in a study published recently in the Canadian Journal of Fisheries and Aquatic Sciences.

“The good news is that we have found no evidence that Asian carp are widespread in the Great Lakes basin, despite extensive surveys in Southern Lake Michigan and parts of lakes Erie and St. Clair,” says **Christopher Jerde**, the paper’s lead author and a Notre Dame scientist.

Some recent reports regarding environmental DNA have suggested that birds, boats and other pathways, but not live fish, are spreading the bighead and silver carp DNA.

“Looking at the overall patterns of detections, we remain convinced that the most likely source of Asian carp DNA is live fish. It’s really very telling that the only places DNA has been recovered are where Asian carp have been captured,” Jerde points out. “If birds or boats were commonly spreading the DNA, then we should be detecting DNA in other places we have surveyed in the Great Lakes.”

According to the U.S. Geological Survey (USGS), in 2010 commercial fishermen captured a 20-pound bighead carp in Lake Calumet, 30 miles above the electric barrier meant to block the advancing carp from the Illinois River. Lake Calumet is 7 miles of river away from Lake Michigan. Likewise, in 1995 and twice in 2000, USGS records indicate that bighead carp were captured in the western basin of Lake Erie.

This study builds upon a growing area of research to find invasive species when they are at low abundance and can be potentially managed.

“Catching these fish by net, hook or electrofishing is ineffective when the fish are at low abundance—that’s

JASON LINDSEY



Asian carp, above, jumping out of the Illinois River near Havana, Ill. Asian carp have been detected near Lake Michigan in the Chicago Sanitary and Ship Canal. The fish have an exaggerated startle response, causing them to leap wildly from the water when boats approach—a popular subject of YouTube video clips. At right, silver carp, one of four species generally referred to as Asian carp, can compete aggressively with native sport and commercial fish, potentially disrupting entire ecosystems.

why we were asked to deploy this eDNA approach in the first place,” says **David Lodge**, director of the University’s Environmental Change Initiative and author on the paper.

“If we wait for the telltale signs of Asian carp jumping out of the water, then we are likely too late to prevent the damages. Environmental DNA allows for us to detect their presence before the fish become widespread.”

This work is part of a Great Lakes Restoration Initiative project funded through the U.S. Fish and Wildlife Service to help develop a program of invasive species surveillance of the Great Lakes. This research grew out of a formal partnership between Notre Dame and The Nature Conservancy, one of the world’s largest and most established conservation organizations.

Cutting-edge ‘eDNA’ technology superior to other methods for monitoring invasive species

In 2009, a team of scientists from Notre Dame and The Nature Conservancy discovered that two species of highly invasive Asian carp were much closer to the Great Lakes than federal and state officials had realized.

Those two species, bighead carp and silver carp, have already done extensive environmental damage to the Illinois River—and much of the Mississippi River—by completely altering the food web in sections of those two major watersheds. If Asian carp enter the Great Lakes, they could severely impair the lakes’ \$7 billion annual sport and commercial fishing industries.

Scientists from Notre Dame and The Nature Conservancy located the Asian carp invasion through a technique called “environmental DNA” or “eDNA.” From the summer of 2009 through May 2010, scientists collected and analyzed more than 1,000 two-liter water samples from the

Chicago Sanitary and Ship Canal, as well as other water bodies in the Chicago metropolitan area. Then, using a combination of high-tech genetic tools, they sifted those samples to find traces of eDNA from all sorts of species, including Asian carp.

In addition to showing that the invasive fish were much closer to the Great Lakes than people believed, the research showed that eDNA is superior to traditional methods for locating and monitoring aquatic species invasions. While so far the eDNA technology has only been used on alien species such as Asian carp, Notre Dame’s scientists believe that the eDNA methodology has strong promise in endangered species detection and monitoring as well. The scientists’ work has now been expanded to a search for Asian carp eDNA throughout large swaths of the Great Lakes watershed.

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NEWS BRIEFS

GUINAN TO SERVE AS ASSOCIATE VICE PRESIDENT FOR ADMINISTRATIVE OPERATIONS

Thomas J. Guinan has joined the Notre Dame International staff as associate vice president for administrative operations. Guinan joins the NDI senior leadership team of Professor Robert E. Norton, associate vice president for academic programs, **Nancy E. Horvath**, senior director for finance and administration, and **Kenneth W. Henderson** and **X. Sharon Hu**, senior assistant provosts. With the senior leadership team now in place, NDI continues to expand Notre Dame's existing international programs and to explore new opportunities for global engagement.

CAHILL KELLY RECEIVES STATEWIDE AWARD

Annie Cahill Kelly, the director of community partnerships and service learning at the Center for Social Concerns, has been selected as the recipient of the **2013 Indiana Campus Compact Outstanding Community Service Director Award**. She was honored Thursday, April 4, at the Indiana Campus Compact 20th Anniversary Celebration as part of the third annual Service Engagement Summit in Indianapolis.



Cahill Kelly

UNIVERSITY COMMITTEE ON LIBRARIES SEEKS IDEAS

The **University Committee on Libraries** has recently formed a subcommittee, which is soliciting ideas from the campus community on ways the libraries might support digital scholarship and teaching over the next decade. To offer your input, email **Tracy Bergstrom, tbergstr@nd.edu** by Tuesday, April 30.

VISCONSI APPOINTED CHIEF ACADEMIC DIGITAL OFFICER

Elliott Visconsi, associate professor of English and concurrent associate professor of law, has been appointed the University's inaugural chief academic digital officer by Provost Thomas G. Burish.



Visconsi

Among other things, Visconsi will be responsible for developing a University-wide digital strategy, with oversight of emerging digital learning platforms; guiding the University on online offerings, mobile technologies and digital tools for teaching and learning; and collaborating with faculty on the development of pedagogy for digital-based teaching and learning.

MCGRAW AWARDED TOP COACHING HONORS

In a little less than a week's time, Notre Dame women's basketball head coach **Muffet McGraw** has made a clean sweep of the nation's top coaching awards, picking up her fourth major honor Tuesday, April 9, when she was selected as recipient of the Naismith Women's College Coach of the Year award.

McGraw also has been selected as the United States Basketball Writers Association Women's National Coach of the Year, the Associated Press Division I Women's National Coach of the Year and the Women's Basketball Coaches Association Division I Coach of the Year.

Thus, with Tuesday's announcement, McGraw has locked up consensus National Coach of the Year honors for the second time in her career, and becomes just the second NCAA Division I coach ever to sweep the four major national coaching awards twice.

KURTH NAMED NEW DIRECTOR OF THE MORRIS INN

Joseph Kurth has been named director and general manager of the Morris Inn and Notre Dame Conference Center, responsible for reopening and maintaining the newly renovated and expanded Morris Inn as a property that reflects the traditions, culture and history of Notre Dame.

The Notre Dame Conference Center, the only IACC-certified conference center in the area, is integrating its operation with that of the Inn to optimize performance through a combined strategic direction.

Kurth has broad experience in the hotel industry, including most recently a position as general manager of The Pfister Hotel, the 307-room AAA Four Diamond flagship property for Marcus Hotels and Resorts located in Milwaukee.

Bill Beirne, former director of the Morris Inn and Notre Dame Conference Center, has been appointed interim director of Notre Dame Food Services.

'THE MOMENT' ADVANCE SCREENING

What if you got a second chance at fulfilling your life's dream? That's the premise of a new reality TV show, **"The Moment,"** on the USA Network.

Vince Moiso's long-deferred dream is a coaching job with the Notre Dame football team. Mentored by Superbowl-winning coach Sam Wyche, Vince finds his way back to living his dream, after years away from the sport. Will Vince prove he has what it takes to be a part of the Notre Dame's storied football program?

An exclusive, one-time advance airing of "The Moment" takes place in the DeBartolo Performing Arts Center's Browning Cinema at 6:30 p.m. Friday, April 19. The screening is free but ticketed. Visit performingarts.nd.edu or call the ticket office, 631-2800, to reserve a seat.

Official campus identification card to become 'one card'

Students, faculty and staff will benefit from access, information and services

BY COLLEEN O'CONNOR, FOR NDWORKS

A new "one card" concept will merge the current Card Services Office in the South Dining Hall, which processes student ID cards, with the Office of Human Resources' ID card photo-processing and printing functions for faculty and staff.

The result will be a one-card, one-source and one-location service center—a "one-stop shop" clearinghouse to address and resolve all ID card-related issues.

"We are trying to reduce the number of steps it takes to resolve issues between the card holder and the various authorizing campus entities, such as Food Services, Human Resources, NDSP, Office of Housing and University Lock Shop," says **Juliane Lusk**, manager of the Card Services Office.

Student ID cards are typically programmed for rights such as residence hall access, library check-out, laundry and dining hall meal plans, plus University tenders like Domer Dollars and Flex Points. Faculty and staff have building access rights programmed on their ID cards, plus other options such as special meal plans, Domer Dollars and ID card department charge access.

"We will be promoting the use of campus ID cards to faculty and staff more than before, both on and off-campus," says **Scott Kachmarik**, director of auxiliary services.

One relatively recent feature is department charge access—faculty and staff can associate a departmental FOAPAL number with the ID card. In addition, Domer Dollars can be added to the ID card, in effect turning the ID card into a campus debit card.

Along with the consolidation of all ID card functions, the Card Services Office will be rebranded, getting a new name, new logo, new website and new location. All these changes should be in place by fall 2013.

OUTGOING CHIEF MARSHALS

Jerry Marley, left, professor emeritus of civil engineering and geological sciences, and **Frank Bonello**, associate professor emeritus in economics and policy studies, are retiring from their job as Commencement Chief Marshals after 20-plus years of service. Marshals for Commencement 2013 will be **Michael Desch**, professor of political science, and **Barry Keating**, professor of finance.



CAROL C. BRADLEY

Got a story idea? Send it to ndworks@nd.edu



INTERNAL COMMUNICATIONS

Tools to Keep You Informed

NDWorks



NDWorks, the faculty/staff newspaper, is published by University Communications. The deadline for copy is 10 business days before the following 2012-2013 publication dates: July 19, Aug. 16, Sept. 13, Oct. 11, Nov. 8, Dec.

6, Jan. 10, Feb. 21, March 21, April 18, May 23. Download a PDF of the current issue or obtain PDFs of back issues by clicking the "NDWorks Archive" tab on today.nd.edu.

Today@ND



Today@ND (today.nd.edu), the University's internal communications website for faculty and staff, offers news and features, University-wide announcements and other information of interest to faculty and staff.

The Week@ND



The Week@ND, a summary of the week's events and opportunities, arrives by email every Monday morning. The latest issue is also available on **Today@ND**, today.nd.edu. Submit events to theweek@nd.edu by noon Thursday of the week before the event.

Calendar



The University Calendar, calendar.nd.edu, provides a list of campus events by day, week or month, as well as by category (arts and entertainment, athletics). Categories or individual events may be downloaded directly into your Outlook or Google calendar. We welcome your comments and suggestions!

Contact NDWorks/Today@ND Managing Editor **Carol C. Bradley**, 631-0445 or bradley.7@nd.edu, or submit a comment or story idea via the "Contact Us" tab on **Today@ND**.

Like Us!

Yellow Belt training introduces continuous improvement tools to campus

Program is open to all levels of employees

BY ANGELA KNOBLOCH, OCI

“Of all the training classes, conferences and seminars I’ve attended in my career, Yellow Belt training was one of the most useful and enjoyable. We’re fortunate to have it here at Notre Dame,” says **Chas Grundy**, product program manager in OIT’s Enterprise Support Services.

You may be familiar with the terms yellow belt, green belt and black belt from the world of martial arts. These terms are also used to identify specific levels of mastery in using continuous improvement tools.

The Office of Continuous Improvement offers two levels of training—Yellow Belt and Green Belt—focused on methods of examining, understanding and improving processes in the workplace.

Yellow Belt training is a one-day course incorporating a “hands-on” simulation to teach continuous improvement concepts.

“I had no idea what to expect when I attended the Yellow Belt training. I was surprised about the degree we went to capture (measure) data and then use that data to make decisions about improving a process,” says **Marty Ogren**, associate director, Warehouse, Delivery and Transportation. “Now I look at ways to measure what we do in Warehouse and Delivery so that we



Yellow Belt helps trainees discover how to do their jobs more efficiently.

can make better decisions on a daily basis.” Several members of his team have now attended and they return energized, discussing with their teammates how they can do their jobs in a more efficient manner.

Yellow Belt training is appropriate for all levels of staff and faculty at Notre Dame. The session is specifically designed with situations to which everyone can relate. Since

the program was started three years ago, more than 700 people from a variety of departments across campus have participated, says **Carol Mullaney**, director of continuous improvement. “Everyone has an opportunity to consider how to apply continuous improvement concepts to his or her role.”

The next Yellow Belt training dates are Tuesday, May 21, and Tuesday,

June 18. Classes will be held at McKenna Hall, and registration can be completed through Endeavor. For those interested in diving into process improvement more deeply, Green Belt training opportunities are offered in both spring and fall. Visit the Office of Continuous Improvement website (continuousimprovement.nd.edu) for more information, call 631-1293 or email OCI@nd.edu.

Fox receives Ganey Award

Judith L. Fox, clinical professor of law, is the recipient of the 2013 Rodney F. Ganey, Ph.D., Faculty Community-Based Research Award, given annually by the Notre Dame Center for Social Concerns.

The \$5,000 award honors a Notre Dame faculty member whose research has made a contribution in collaboration with local community organizations.

Fox has practiced consumer law for 20 years and has an extensive record of scholarship and community-based work in foreclosure law and debt collection.

She has worked with both undergraduate and law students from Notre Dame, in collaboration with the United Way of St. Joseph County and other community partners, to address the issues of foreclosures, debt collection and predatory lending in St. Joseph County.

The results of Fox’s research have been felt locally, statewide and at the national level. The city of South Bend has used the results of her community-based research to obtain several million dollars in Housing and Urban Development grants, funds that are being used to address local issues of abandoned and vacant properties locally.

“Seeing one client whose house we saved because we got an illegal garnishment corrected—that’s a huge reward,” says Fox. “There’s a double blessing in being able to do it with students.”

OIT NEWS BRIEFS

Concourse retiring, VPN for iOS and Android available

BY LENETTE VOTAVA, OIT

The company that developed Concourse will discontinue supporting the application in June 2013.

The Office of Information Technologies (OIT) has developed a variety of resources to assist faculty members in moving their content out of Concourse before June 3, 2013. These include:

On-site Assistance—Concourse specialists hold office hours in both Mendoza College of Business and Decio Faculty Hall on a weekly basis. They provide one-on-one assistance to help you relocate important materials from current and past courses. Appointments are not necessary. Bring your laptop computer. Office hours are:

- MCOB third-floor Faculty Lounge: Every Tuesday until May 28 from 9 to 11 a.m.
- Decio Faculty Hall Commons Area: Every Wednesday until May 29 from 9 to 11 a.m.

Online Resources—Following are some online resources with instructions on the following topics:



will be **RETIRED** on
June 3, 2013
Save your content NOW!

- Concourse content that can be moved: oithelp.nd.edu/movingconcoursecontent
- How to export files from Concourse: oithelp.nd.edu/movingfromconcourse
- Exporting your grade book: oithelp.nd.edu/exportgradebook

If you have any questions about moving your content out of Concourse, contact the OIT Help Desk at 631-8111 or oithelp@nd.edu.

VPN for mobile devices now available

Cisco AnyConnect, a mobile VPN (Virtual Private Network) application, is now available for iOS

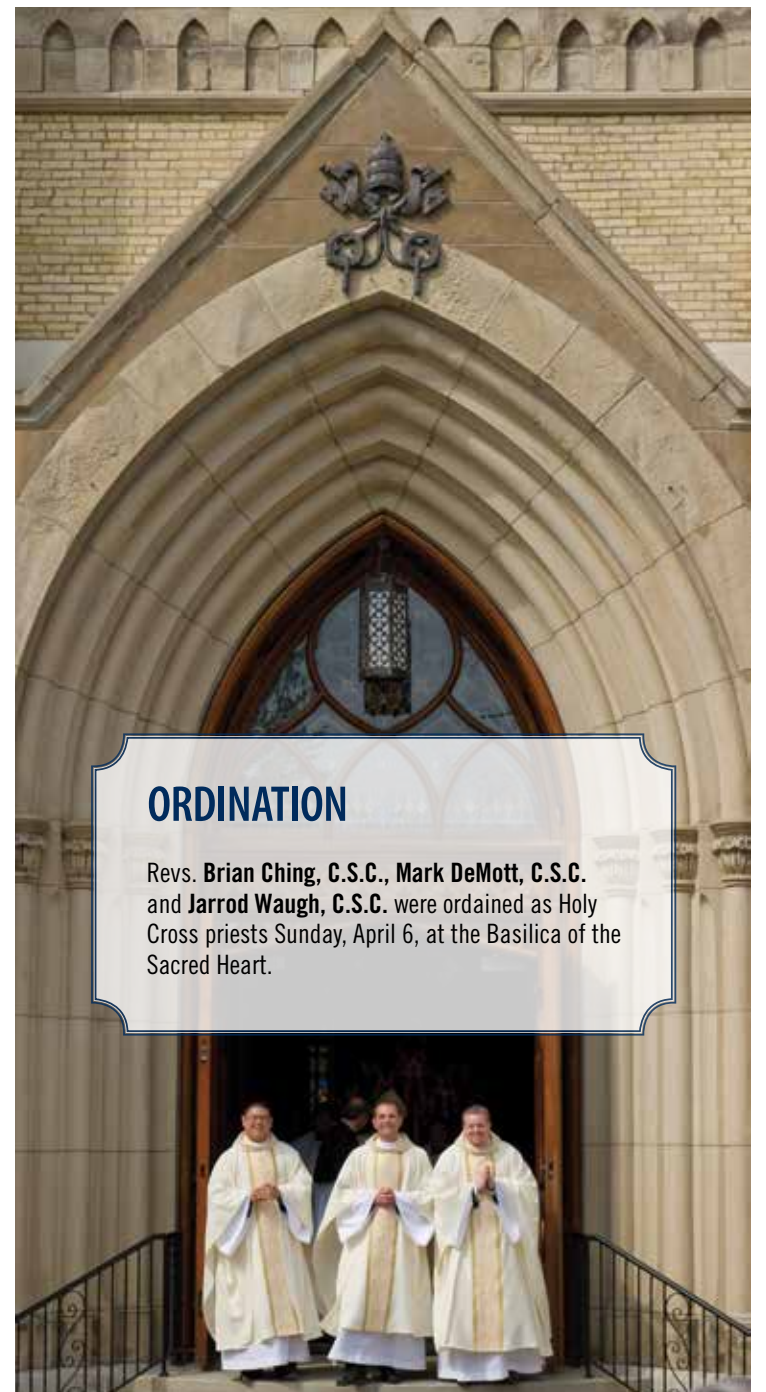
and Android devices.

The VPN gateway is a network access service that permits systems or devices located off-campus to access the Notre Dame network as if they were physically located on-campus.

By installing the AnyConnect software from your vendor’s App Store, you can connect to vpnaccess.nd.edu to access the ND network from your mobile device. While using the AnyConnect app, you will remain connected to the VPN even when your device is locked.

Instructions on downloading and configuring Cisco AnyConnect for your iOS or Android device are located at: oithelp.nd.edu/networking/vpn.

If you have additional questions, contact the OIT Help Desk at 631-8111 or oithelp@nd.edu.



ORDINATION

Revs. **Brian Ching, C.S.C.**, **Mark DeMott, C.S.C.** and **Jarrod Waugh, C.S.C.** were ordained as Holy Cross priests Sunday, April 6, at the Basilica of the Sacred Heart.

SERVICE ANNIVERSARIES

The University congratulates the following employees who celebrate significant service anniversaries in April, including 45-year employee **H. G. Campbell**, EIS – Application Services.

40 years

Lawrence Robinson,
Custodial Services

35 years

John E. Heisler, athletics

30 years

Sherry L. DePoy,
student accounts

20 years

Marilyn E. Coleman,
Douglas A. Healy,
Carol A. Hoekstra and
Edward J. Pishnoff,
Food Services
Michael W. Favorite,
Office of the Controller
Connie A. Gard, radiation
laboratory
Charles E. Schnur,
development
Alan D. Smith, Joyce Center

15 years

Roberta A. Anderson,
accounts payable
Kelley J. Collins, Provost's Office
Isaac N. Holmes,
Customer Support Services
Richard F. Klee,
Office of the Controller
Kathryn D. Pitts, University Press

10 years

Gerard F. Baumbach, Institute
for Church Life
Michelle L. Burgess,
Human Resources
Masaru K. Kuno, chemistry
and biochemistry
Ponze M. Mack, **Lau T. Pham**
and **Salvador Robledo**,
Food Services
Lauren P. Rose, Morris Inn
Jacquelyn R. Rucker,
Community Relations

NEW EMPLOYEES

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

David Esseni,
electrical engineering
Gurleen Kaur,
EIS – Application Services
Kevin R. Lehmkuhl,
Custodial Services
Hannah Leniski,
Freimann Animal Care Facility

Jennifer K. Malcolm, football
Gregory S. O'Donnell,
Alliance for Catholic Education
Lawrence Selvy,
Center for Research Computing

SUPPORT FOR YOUR TRIP FROM BEGINNING TO END

Travel for work? Before checking in, check out TravelND. When you do, you'll quickly discover the many advantages of booking through TravelND's online Concur system:

- *FREE Tript Pro*, a personal travel assistant that organizes travel, tracks loyalty points, and sends out flight alerts
- If you're stranded while traveling or need to change a reservation, Anthony Travel offers full support of all bookings made through TravelND
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CELEBRATING 40, 35 AND 30 YEARS

LARRY ROBINSON

Custodian Custodial Services

Forty-year employee **Larry Robinson** does his Notre Dame Building Services uniform proud.

Robinson, the 2011 Presidential Values Award winner, is well known for his tireless work ethic and commitment to keeping his buildings pristine. "God is nice. I don't care what kind of work He puts on me. If God can stand it, I can, too," he says.

He can't wait to get to work in the morning, something his wife can confirm, he adds. Once he awoke and began dressing for work at the DeBartolo Performing Arts Center on his day off.

After so many years of service to students (including Joe Montana, who, Robinson got to know while working in the Metallurgy Department Lab), fellow staff members and faculty he says, "I just love where I can work and make people happy."



MATT CASHORE

JOHN HEISLER

Senior Associate Athletics Director

"It's hard to believe that when I started at Notre Dame in sports information I depended on a landline telephone and a manual typewriter," says 35-year employee **John Heisler**, senior associate athletics director.

"No cell phones, no email, no Internet. Despite that supposed lack of technology, we probably actually engaged in a lot more actual media relations because we spoke to people on a regular basis. We actually released information based on morning/evening news cycles." Those days are long gone, he adds, thanks to websites and Twitter. "When news breaks now, it's immediate and we have to deal with it on an immediate basis."

The sheer volume of information available about teams, coaches and athletes can be overwhelming. "In some ways it puts more pressure on us to find the tidbits and stories that aren't already in the public domain. There's more focus on taking advantage of the access we have to our athletic programs to tell those stories."



MATT CASHORE

SHERRY DEPOY

Student Services Representative Student Accounts

When **Sherry DePoy**, student services representative in student accounts, began working at the University 30 years ago, Father Hesburgh was president.

"I feel old when I think that the University has only had 17 presidents, and I've been here for three of them," she says.

She began working as an assistant in Educational Media, located in the basement of the Center for Continuing Education (now McKenna Hall).

"We provided audio/visual assistance to the University, including ordering 16mm films and providing the projectors and projectionists for professors to show films to their classes."

There were no computers then, she notes, just IBM Selectric typewriters with correction ribbons.

"I am proud of my accomplishments here at Notre Dame, and have made many, many friends these past 30 years."



MATT CASHORE

Wellness coaching



CAROL C. BRADLEY

Borders

Your personal blueprint for a healthier life

BY CAROL C. BRADLEY, NDWORKS

What is wellness coaching, anyway?

Cindy Borders, wellness coach at the Notre Dame Wellness Center, likes to quote W. Timothy Gallwey, author of “The Inner Game of Tennis”: It’s “*the art of creating an environment, through conversation and a way of being, that facilitates the process by which a person can move forward toward a desired goal in a fulfilling manner.*”

In other words, it’s not like mom or a spouse nagging you to lose weight or quit smoking. It’s about slowing down, thinking about your goals and creating a new path for your life and health.

“I’m not going to beat you with a stick until you lose weight,” Borders says. “The entire process is directed by the client. We meet regularly to see how you’re doing. We look at obstacles to achieving your goals, and ways you can overcome those obstacles.”

If weight loss is a goal, obstacles might be things such as sugar addiction, caffeine addiction or a dislike of fruits and vegetables, she says.

Work/life balance and stress issues

are common.

“People don’t realize how much stress affects them. It affects every area of your life. It can make you overeat. We can help you find ways to cope and manage stress—find ‘me’ time, exercise, the way you eat. Diet, exercise, nutrition and work/life balance are all connected.”

YOU are the one that decides what goals to pursue, she emphasizes—Borders make sure the goals are doable.

“We look at making little changes. If you’re a three-pack-a-day smoker, it’s not realistic to quit cold turkey. If you eat most meals at restaurants, you could choose not to have dessert or a regular soda at every meal.”

Meetings with Borders can be at any interval you choose—weekly, or once a month, whatever is right for you. And wellness coaching at the Notre Dame Wellness Center is free to eligible faculty and staff and their dependents.

And, she emphasizes, all your information remains confidential, just as with any health care provider.

Fill out an initial assessment form at the first appointment with Cindy, or online at the wellness portal, WellnessCenter.nd.edu. Appointments can be scheduled at 634 –WELL (9355). If you have time constraints, coaching over the phone can also be arranged.

NDSP PILL DROP AND BLOOD DRIVE APRIL 24

Notre Dame Security Police are sponsoring a pill drop Wednesday, April 24, from 11 a.m. to 6 p.m. in two locations on campus, near the Coleman-Morse Center (walk-up) and in the C1 parking lot off Edison/Angela near the Compton Family Ice Arena (drive-up). Drop off your expired or unwanted prescription and over-the-counter medications and help promote drug safety and a cleaner environment.

In conjunction with the pill drop, the South Bend Medical Foundation bloodmobile will be parked near the Coleman-Morse Center. For each unit of blood, a \$5 donation will be given to NDSP’s Relay for Life Team Book ‘Em. Donors will receive a free ND T-shirt. Register online at the South Bend Medical Foundation website, sbmf.org. Click the “schedule a blood donation” link at the bottom of the page, then enter sponsor code “RelayForLifeND.” For more information, contact Sgt. **Tracy Skibins**, 631-3089.



A new life: Walk ND participant has lost 100 pounds

Take the first steps to a healthy life

CAROL C. BRADLEY, NDWORKS

“Walk ND actually changed my life,” says **Mick Vignati**, custodial supervisor and an avid participant in Walk ND. Vignati has lost more than 100 pounds, just from walking. Thanks to Walk ND, he says, “It’s like having a whole new life.”

Walk ND, the University’s official walking club, is a collaboration between RecSports and the Office of Human Resources. The program is free and open to the entire campus community.

To join Walk ND, register online via RecRegister at recsports.nd.edu. New members will receive a free pedometer, logbook and map of campus walking routes. Keep track of your steps and look forward to the weekly emails, giveaways, fitness tips and challenges. Learn more at blogs.nd.edu/walknd.

Vignati is currently participating in the **Route 66 Challenge**, which started in mid-February. It’s a team challenge that asks each member to walk roughly 10,000 steps per day for 98 days. This virtual walk takes Walk ND from Chicago to Los Angeles along the famous Route 66 highway—a total of 2,450 miles and 4,900,000 steps.

Teams track their steps and publish their updates each week while Walk ND blogs each team’s progress across a map of the United States. Prizes will be awarded throughout the challenge, and every team who completes Route 66 before Memorial Day will be entered to win a grand-prize raffle—a

\$100 gift certificate to Metro Run & Walk.

The Route 66 Challenge appealed to Vignati, since the highway goes right through his home city of St. Louis, Missouri. He likes to take a daily walk around the lakes after work, and sometimes persuades coworkers to join him. Walking, he says, is a great way to get people up and moving. “Not everyone can run, but almost everybody can walk.”



Vignati

Wellness Center Blue-Gold Game Hours

The Notre Dame Wellness Center will be closed Saturday, April 20, the day of the Blue-Gold Game, but will be open Sunday from 1 to 5 p.m.

Regular hours (7 a.m. to 7 p.m. Monday through Friday and 8 a.m. to noon on Saturday) resume Monday, April 22.



MATT CASHORE

— JOCIE ANTONELLI —

STAFF SPOTLIGHT

Dietitian’s meal planning allows everyone a seat at the table

BY COLLEEN O’CONNOR, FOR NDWORKS

There is no such thing as a typical day for **Jocelyn (Jocie) Antonelli**, nutrition and safety manager for Notre Dame Food Services.

A registered dietician, Antonelli is responsible for nutritional programming for student dining as well as across campus. Additionally, she monitors food safety in all Food Services units, making sure federal and state food code guidelines are met.

Much of Antonelli’s time is taken up with education and counsel-

ing. She conducts campus workshops and lectures, and hosts a booth at the Irish Health Fair. Staffers at the Notre Dame Wellness Center frequently refer patients to her for help on issues such as weight loss, diabetes and cholesterol management. Students also initiate their own counseling sessions with Antonelli after seeing her name on posters placed in the dining halls.

The biggest dietary deficiency across the board is vegetables. “Vegetables are the most important food group, and everyone should have five to seven servings a day,” says Antonelli. Most vegetables, she notes, except starchy vegetables such as potatoes, have 25 calories per serving. “From a health and weight standpoint, there is nothing better.”

Another important part of her job is dietary management for students

with food allergies and medical conditions, some of which are life threatening.

“No parent has ever turned down Notre Dame based on their child’s dietary restrictions. In fact, they are actually swayed to come here,” says Antonelli. “I do everything reasonable to accommodate the students. It’s very important that they can sit down and break bread with their friends.”

“The most rewarding part of my job is the hugs and tears I get from parents when they learn their child’s dietary restrictions or medical issues will be addressed and taken care of at Notre Dame.”

Antonelli is also involved in meal planning for annual summer camp participants, some of whom require specialty meals, and works with Catering by Design when there are special requests from off-campus guests attending catered campus functions.

In addition, she serves as clinical dietitian for Holy Cross House, meeting with doctors and nurses as well as the residents once a week.

Last month, Notre Dame was invited to participate in a signature event at the UMass Amherst Dining Services’ Visiting College Chef Series, based on its ranking of 12th in the Princeton Review’s “Best Campus Food” category. The University was represented by Antonelli, Executive Chef **Don Miller** and Production Manager **Giuseppe Macerata**.

“It was an honor to be featured as one of the great campus dining facilities from around the country,” says Antonelli.

The Arts

at Notre Dame

Visit performingarts.nd.edu and create an account or log in to view faculty/staff and student discounted ticket prices, or contact the ticket office, 631-2800. Ticket prices listed are the faculty/staff rate.

DANCE

Coppelia

Southold Dance Theater
7 p.m. Friday, May 3

2 p.m. and 7 p.m. Saturday, May 4
Decio Mainstage Theatre; \$20

"Coppélia," an exciting ballet for the entire family with the antics of betrothed couple Swanhilde and Franz. Note: Smoke, fog, haze and/or strobes will be used.

THEATER

Intimate Apparel

Department of Film, Television, and Theatre

7:30 p.m. Wednesday through Saturday, April 17 to 20
2:30 p.m. Saturday and Sunday, April 20 and 21
Decio Mainstage Theatre; \$12

Esther Mills, a black seamstress, lives in a boarding house for women and sews intimate apparel for clients who range from socialites to prostitutes.

Event includes mature or adult content. Appropriate for ages 14 and older.

Opera Notre Dame presents Dialogues des Carmelites

Department of Music
7:30 p.m. Thursday, Friday and Saturday, April 25 to 27
2:30 p.m. Sunday, April 28
Decio Mainstage Theatre; \$14

French language with projected English translations

Note: Please arrive early. No late seating. No intermission.

The outbreak of the French Revolution led to wholly unexpected manifestations of hatred for the Christian faith. During the space of a few months, throngs of priests and religious were led to the guillotine and executed. Among the victims were 16 Carmelites belonging to a convent in Compiègne, which had enjoyed special favors under the old regime. This story is based on their history.

This House

National Theatre Live
7 p.m. Thursday, May 16; \$18

Set in 1974, when the UK faces economic crisis and a hung parliament, in a culture hostile to cooperation.

MUSIC

NDSO Spring Concert 2013

8 p.m. Friday, April 19
Leighton Concert Hall; \$5

The program will include Tchaikovsky's Symphony No. 4 and performances by winners of the orchestra's Concerto competition.

Eileen Ivers & Immigrant Soul

Hagerty Irish Performer Series
7:30 p.m. Saturday, April 20
Leighton Concert Hall; \$27

"Riverdance's" original musical star delivers high-energy Celtic soulfulness.

Notre Dame Concert Band

3 p.m. Sunday, April 21
Leighton Concert Hall; free but ticketed

The Notre Dame Concert Bands perform their Spring Concert featuring the Symphonic Band and Symphonic Winds.

Mitchell Garcia Sacred Music Organ Recital

Department of Theology
3 p.m. Friday, April 26
Reyes Organ and Choral Hall; free but ticketed

James Crawford Wiley Organ Recital

Department of Theology
6:30 p.m. Friday, April 26
Reyes Organ and Choral Hall; free but ticketed

The Metropolitan Opera Live in HD

Prices for all Met Opera Live in HD performances are \$23, \$16 for children and students of all ages.

Giulio Cesare

Noon Saturday, April 27
Encore performance noon Sunday, May 5

Handel's "Giulio Cesare," the opera that conquered London in Handel's time, comes to the Met in David McVicar's lively production. The world's leading countertenor, David Daniels, sings the title role opposite Natalie Dessay as an irresistibly exotic Cleopatra. Baroque specialist Harry Bicket conducts.

Final performance of the season.

Aaron Kortze Sacred Music Organ Recital

Department of Theology
3 p.m. Saturday, April 27
Reyes Organ and Choral Hall; free but ticketed

University Band Concert

Department of Music
3 p.m. Sunday, April 28; free but ticketed
Leighton Concert Hall

Notre Dame's University Band performs its Spring Concert, featuring students, alumni and Notre Dame faculty and staff.

ND Band Chamber Ensembles 2013

Department of Music
7:30 p.m. Sunday, April 28
Leighton Concert Hall; free but ticketed

ND Jazz Bands Spring Concert

7 p.m. Tuesday, April 30
Leighton Concert Hall; free but ticketed

The Notre Dame Jazz Bands perform their Annual Spring Concert, featuring Jazz Band I, Jazz Band II and the New Orleans Brass Band.

Nathan Gunn

7:30 p.m. Saturday, May 4
Leighton Concert Hall; \$41

The baritone and native son returns—this time in solo recital!

ND Band and Music Department Graduation Concerts

5:30 p.m. and 8 p.m. Friday, May 17; free but ticketed

The Notre Dame Concert Band and Department of Music celebrate Commencement Week with two concerts.

Glee Club Commencement Concert

Department of Music
9 p.m. Saturday, May 18
Leighton Concert Hall; \$8

The Glee Club presents its annual Commencement Concert, with a program selected by the Club's graduating seniors from the repertoire over the past four years.

FILM

Films are screened in the DeBartolo Performing Arts Center's Browning Cinema; tickets are \$6 for faculty and staff unless stated otherwise.

Sound City (2013)

9:30 p.m. Friday and Saturday, April 19 and 20

Deep in the San Fernando Valley was rock 'n' roll's best kept secret: Sound City.

Ginger and Rosa (2012)

6:30 p.m. Saturday, April 20
3 p.m. Sunday, April 21

London, 1962: Two teenage girls are inseparable, but as the Cold War meets the sexual revolution, their friendship is threatened.

IN THE SPOTLIGHT

WAIT WAIT...DON'T TELL ME!

7 p.m. Friday, May 10, \$18
Captured live broadcast, shown in the Browning Cinema

It's NPR's "Wait Wait...Don't Tell Me!" like you've never seen it before! Because, well, normally you can't see it...it's a radio show. In this recorded broadcast of a live performance before an audience, host Peter Sagal and official judge and scorekeeper Carl Kasell are joined by panelists Paula Poundstone, Mo Rocca and Tom Bodett to play the quiz.



PHOTO PROVIDED

IN THE SPOTLIGHT

MFA THESIS READING

7 p.m. Friday, April 26
Philbin Studio Theatre; free but ticketed

Ten graduating writers from the MFA in Creative Writing program will read excerpts from their final theses. Poets **Thade Correa, Megan Elise, Drew Kalbach, Beth Towle** and **Lauro Vazquez** and prose writers **Margaret Emma Brandl, Evan Bryson, Katie Lattari** and **Steve Owen** will each read for five minutes during this hourlong "marathon" reading.
Event includes mature or adult content.

ND PLAYWRIGHTS NOW!

Department of Film, Television, and Theatre
8 p.m. Tuesday, April 30
Philbin Studio Theatre; free but ticketed

A night of exciting theater! Come see readings of scenes written by ND playwrights, created in FTT's Spring 2013 Playwriting course, taught by Anne Garcia-Romero.

Amandla! A Revolution in Four-Part Harmony

History on Film
7:30 p.m. Wednesday, April 24
English and Zulu with English subtitles

The story of black South African freedom music and the central role it played against apartheid.

Liam O’Flaherty Double Feature: Islandman Abroad (2002) and The Devil’s Playground (1937)

Irish Film Series
7 p.m. Thursday, April 25;
free but ticketed

The life and times of Liam O’Flaherty; Two submarine officers vie for the affections of a beautiful dance-hall worker.

Double Feature: The Informer (1935) and Up Tight! (1968)

Irish Film Series
6:30 p.m. Friday, April 26;
free but ticketed
Browning Cinema

John Ford’s powerful political drama, winner of four academy awards, tells the story of a hard-drinking member of the Irish rebellion who turns a friend into the authorities in order to collect the reward money. In Jules Dassin’s 1960s remake “Up Tight,” Dublin becomes the Cleveland ghetto and black revolutionary fighters replace Irish Republicans.

Like Someone in Love

6:30 and 9:30 p.m. Saturday, April 27
3 p.m. Sunday, April 28
Japanese with English subtitles

A mysteriously beautiful romantic drama filmed entirely in Japan.

500 Days of Summer (2009)

Midnight Movies
11:59 p.m. Saturday, April 27

After his girlfriend dumps him, Tom shifts back and forth in their 500 days “together” to try to find out what went wrong.

Brothers on the Line (2012)

7:30 p.m. Wednesday, May 1
The story of labor leaders and organizers the Reuther brothers.

Cinema Classics: The Films of Pierre Etaix

French with English subtitles

Rupture (1961-11 min.) and The Suitor (1962-81 min.)

8 p.m. Thursday, May 2

Yoyo (1965)

3 p.m. Saturday, May 4

Triple Feature: Happy Anniversary (1962-12 minutes); Feeling Good (1966/2010-13 minutes) and As Long As You’re Healthy (1966-65 min.)

7 p.m. Wednesday, May 8

Double Feature: Le Grand Amour (1969-87 min.) and The Land of Milk and Honey (1971-74 min.)

7 p.m. Thursday, May 9
French with English Subtitles

‘Dialogues of the Carmelites’

How does a person of faith live in a secular society?

BY GENE STOWE, NDWORKS

“Dialogues des Carmelites,” a 1950s opera set in the French Revolution, echoes contemporary themes of religious freedom and the relation of individuals to society, says **Mark Beudert**, director of Opera Notre Dame. The opera will be performed by Opera Notre Dame April 25 to 28—see Page 6 under “Theater” for more information.

“I think there are questions with religious freedom and how society interacts with religion today,” Beudert says. “I think you can open the newspaper and see any number of topics where the question of how a person of faith lives in a secular society. It’s not too much of a stretch to see France in 1792 in America today or Europe in the 1950s.”

Most students in the program are double majors, and while some have gone on to professional music careers or further study at top conservatories, many devote themselves to other fields. For example, MurphyKate Montee, who plays the leading female role Blanche de la Force, is a Churchill Scholar who will be studying geometry and topology at the University of Cambridge in the fall.

In the opera, Blanche, a young noblewoman, decides to enter the severe Carmelite order. As a result of the French Revolution, with its strong antipathy to religion, the order’s property is nationalized, and the nuns are condemned to death, a martyrdom that Blanche accepts voluntarily.

The French-language performance—with a cast of more than 50—also reflects Notre Dame’s rare approach to opera, with a focus on understanding such questions as why the opera was written and what was its context as well as how to perform the piece—an approach befitting the University’s liberal arts environment.

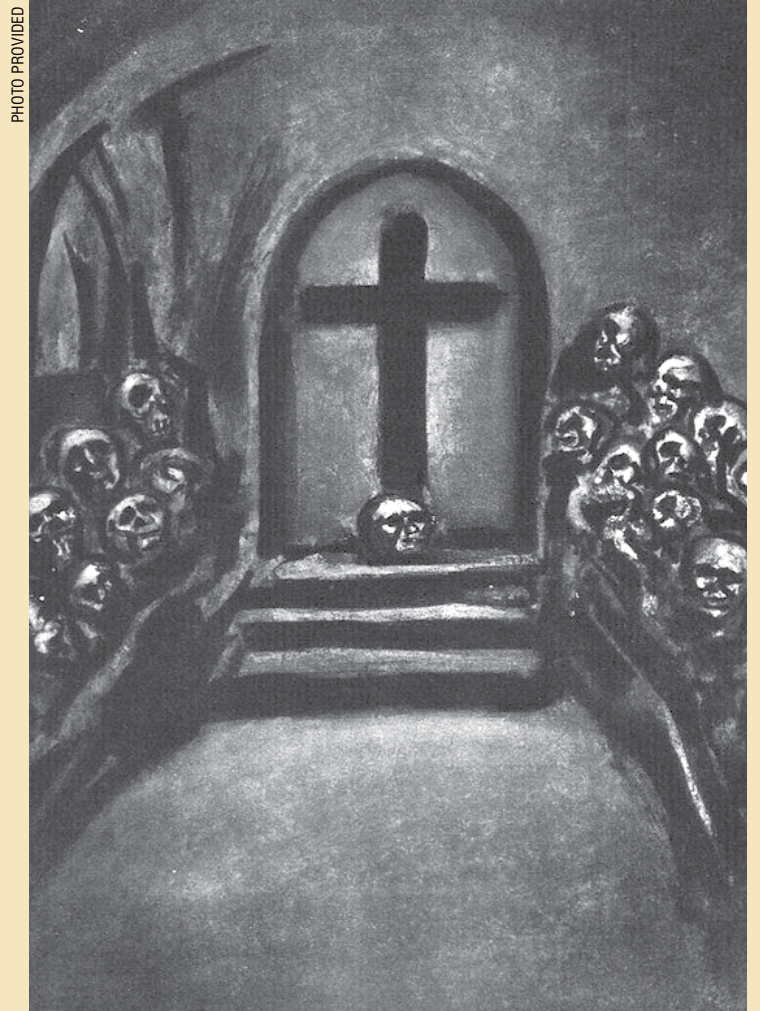


PHOTO PROVIDED

Celui qui croit – Miserere 28 (He that believeth in me, though he were dead, yet shall live); Georges Roualt, Intaglio, 1948.

Living history revealed in Civil War manuscripts

‘A human view of the war’

BY CAROL C. BRADLEY, NDWORKS

The Battle of Gettysburg, the epic battle that turned the tide of the Civil War, was fought July 1-3, 1863, in Gettysburg, Pa.—150 years ago this summer.

The University holds extensive collections of Civil War material, housed both in the Hesburgh Libraries’ Department of Rare Books and Special Collections and in the University Archives.

The Special Collections’ **Manuscripts of the Civil War** collection (www.rarebooks.nd.edu/digital/civil_war/index.shtml) includes manuscripts originating in North America

in the years 1861 to 1865; the collection continues to be added to and developed.

The letters, diaries and other material “give a human view of the war,” says **George Rugg**, Special Collections curator. “It’s one thing to read a historical overview, another to read about the events through the lens of another’s personal account.”

The material—which includes manuscripts from both North and South—is valuable for students, who are able to work with original materials rather than digitized texts. In addition, the collections are available to historians, off-campus researchers, genealogists and the general public. “We try to buy texts that have never been published,” Rugg says. “They are unknown to the historical record.”

Pictured below left is a letter from M.A. Harvey, a 21-year-old farmer from Buck Horn Township, Austin County, Texas, who was mustered into Co. B. of the Texas Cavalry—one of the most celebrated of the Confederate cavalry regiments—on September 7, 1861. The letter was written from Kingston in Middle Tennessee on Nov. 15, 1862, to his niece Ava.

“I had quite a romantic adventure here,” he writes. “I noticed one of the smallest specimens of humanity I ever saw fighting in the Yankee ranks...”

When captured, the soldier proved to be “nothing in the world but a little fifteen year old girl dressed up in Yankee uniform.” They released the girl after a few hours.

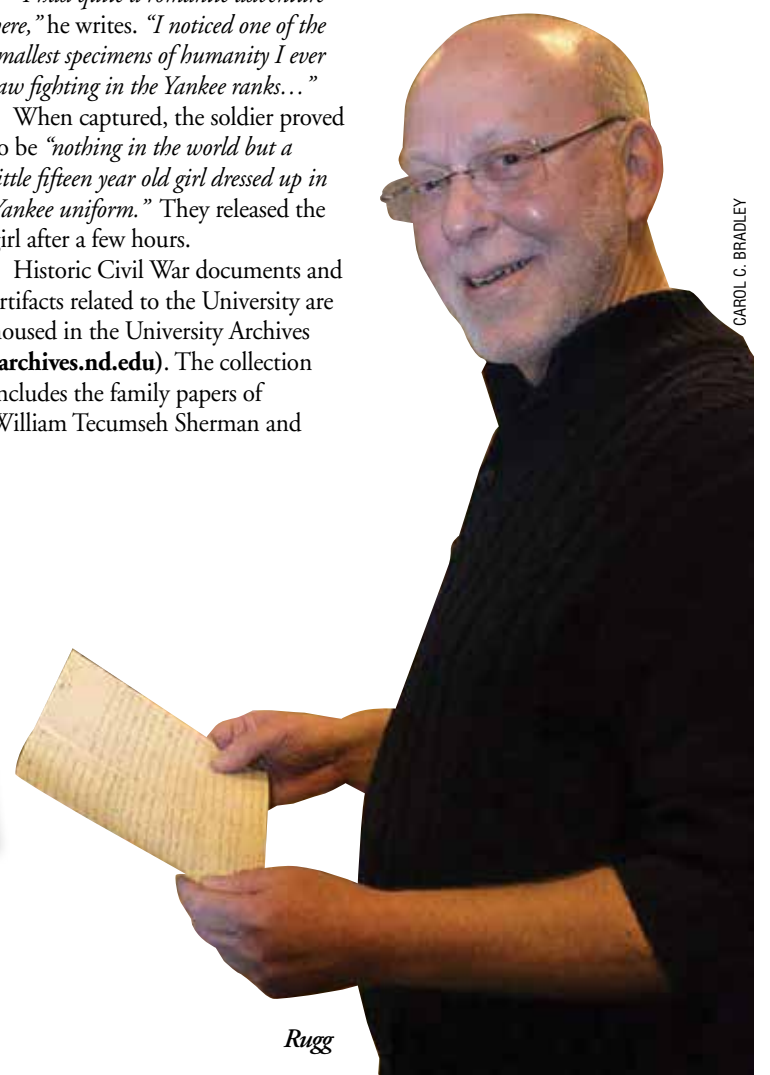
Historic Civil War documents and artifacts related to the University are housed in the University Archives (archives.nd.edu). The collection includes the family papers of William Tecumseh Sherman and

other materials including (pictured below right) this photograph of Notre Dame’s Civil War chaplains, with officers from the Irish Brigade, in the summer of 1862. Standing, at left, Rev. Patrick Dillon, C.S.C., who became the University’s second president; front right is Rev. William Corby, C.S.C., the third president of the University.

SPECIAL COLLECTIONS, HESBURGH LIBRARIES



UNIVERSITY ARCHIVES



CAROL C. BRADLEY

Rugg

Cookies, Muffins and Bagels. Oh my!

Food Service Support Facility bakers start to work at 3:30 a.m.



Baker associate **Mary Szabo** with a tray of cookies ready to bake. The cookies are prepared ahead of time and refrigerated, then baked as needed through the week.

SWEET STATS COOKIES

34,761 dozen baked per year

Chocolate chip is the most popular

If laid end-to-end, the number of three-inch cookies baked each year would be 144 times the height of Chicago's Willis (Sears) Tower.



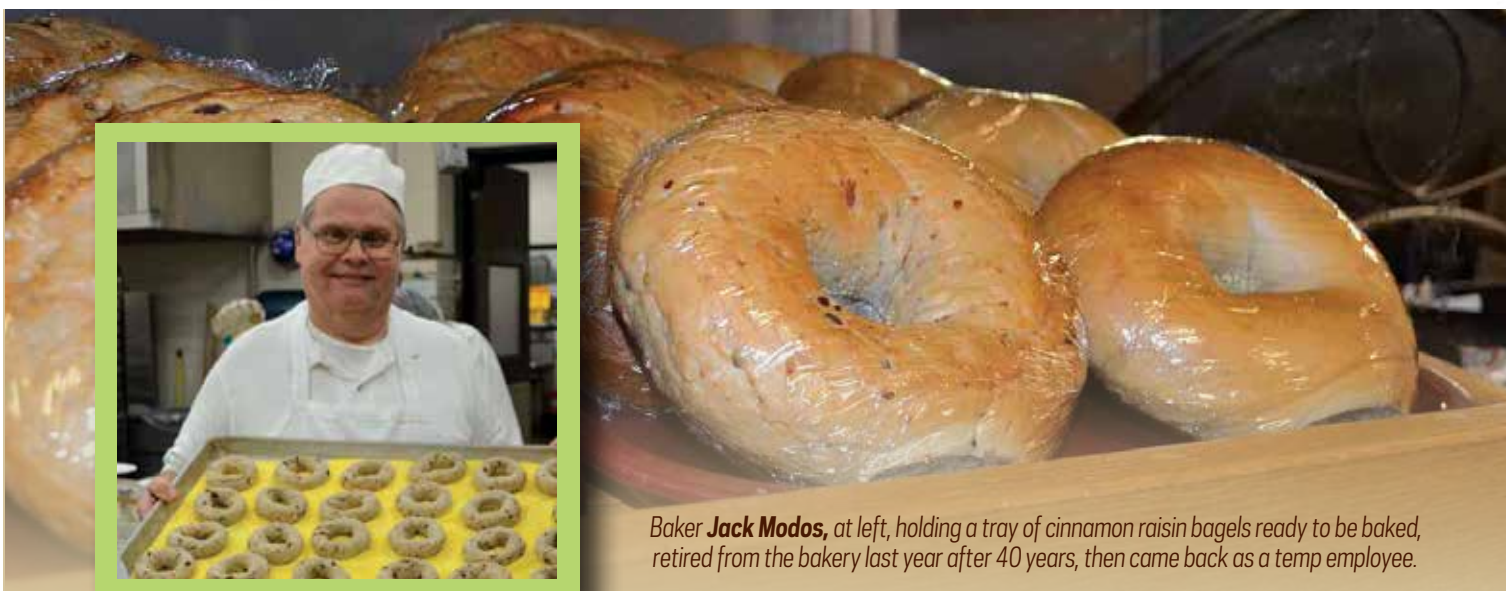
SWEET STATS MUFFINS

10,907 dozen baked per year

Cinnamon is the most popular flavor on campus



Baker **Roberta Porter** decorates cakes for campus dining halls and special occasions. The bakery produces 15,690 cakes and cheesecakes per year.



Baker **Jack Modos**, at left, holding a tray of cinnamon raisin bagels ready to be baked, retired from the bakery last year after 40 years, then came back as a temp employee.

SWEET STATS BAGELS

14,972 dozen baked per year

Plain is the most popular flavor

The number of bagels baked per year, laid side by side, would stretch for 14 miles.

